# 20 PRODUCT 23 CATALOG

B-TEK Scales, LLC
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# Policies

- Business Hours: Monday - Friday 8:00 AM to 5:00 PM EST
- Shipping Terms: All UPS and LTL shipments will be sent “pre-paid and add” unless otherwise directed
- LTL Carrier: B-TEK will use the LTL carrier providing the best value to the requested destination
- UPS Shipments: Cut-off time for same-day parts shipment - 4:00 PM EST

## B-TEK RETURNED GOODS & WARRANTY EVALUATION PROCESS:

- Contact B-TEK and request a Return Authorization (RA) or Warranty Evaluation (WE) form prior to returning the item. The form will be generated by B-TEK with a “Claim Number” and faxed or emailed as required.
- A product serial number, B-TEK order number, B-TEK invoice number or original purchase order number is required to start the Return or Warranty process.
- Warranty claims MUST be supplied with information specific to the error, damage or defect of the product.
- A copy of the RA / WE form or Claim Number must be included along with the returned item.
- B-TEK Scales is not responsible for shipping damage to items being returned. Please pack items carefully.
- Freight cost associated with Returns or Warranty will be paid by the party returning the item.

## RETURN TO STOCK - B-TEK MANUFACTURED PRODUCTS:

- Returned items are subject to a restocking fee equal to $30.00 or 20% of dealer net price, whichever is greater.
- Items must be returned within 30 days of receipt.
- Items must be received in unused “Like New” condition and returned with original packaging.
- Items returned after 30 days or not received in “Like New” condition will be subject to a reconditioning / repacking fee.

## RETURN TO STOCK - B-TEK RESALE OR SPECIAL ORDER PRODUCTS:

- Returned items are subject to a restocking fee equal to $30.00 or 20% of dealer net price, whichever is greater.
- Items must be returned within 30 days of receipt.
- Items must be received in unused “Like New” condition and returned with original packaging.
- Items returned after 30 days or not received in “Like New” condition will be subject to a reconditioning / repacking fee.
- Special order items will be subject to restocking fees determined on a case-by-case basis.

## WARRANTY EVALUATION (WE) - B-TEK MANUFACTURED PRODUCTS:

- Item must be returned within 30 days of issuance of WE claim number.
- Replacement parts can be requested at time of WE claim. Replacement part and freight costs are subject to invoicing if WE claim is denied.
- New, refurbished, or repaired parts may be sent out as replacements at B-TEK discretion.
- If replacement parts are not requested at time of WE claim, item will be repaired / replaced and returned.
- B-TEK will cover the outgoing freight cost of warranted parts via UPS GROUND only. Freight cost associated with expedited shipment of warranted parts will be cover by others.
- If entire indicators / assemblies are returned for warranty exchange, please see Return to Stock policy. Customer may be invoiced for item if not returned in “Like New” condition.
- If item is eligible for labor / travel expense reimbursement, the appropriate section of the WE claim form must be completed and returned with item.
- When claim is closed, customer will receive a completed “Return Evaluation From” with descriptions of findings.
- Customer is responsible for reviewing this form and reporting any discrepancies within 10 days of claim completion.

## WARRANTY EVALUATION (WE) - B-TEK RESALE OR SPECIAL ORDER PRODUCTS:

- Item must be returned within 30 days of issuance of claim.
- Replacement parts can be requested at time of WE claim. Replacement part and freight costs are subject to invoicing if WE claim is denied.
- New, refurbished or repaired parts may be sent out as replacements at B-TEK discretion.
- If replacement parts are not requested at the time of claim, B-TEK will return item to the manufacturer for repair. The item will then be returned to customer.
- If entire indicators / assemblies are returned for warranty exchange, please see Return to Stock policy. Customer may be invoiced for item if not returned in “Like New” condition.
- B-TEK resale or special order products will follow the published warranty period and policy of manufacturer.
- B-TEK resale or special order products are never eligible for labor / travel expense reimbursement.

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# Centurion-DT

## CPD-M Digital Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb standard - up to 120K lb
- “r” Factor Rating: 2.94
- Scale Height: 16" standard height - custom height down to 12"
- Available Widths: 10' - 14'
- Weighbridge Deck: 3/8" tread plate decking - welded to Quad Beam weighbridge
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year or optional 10-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells, load cell cables, junction box and DD 700 indicator from failure or damage due to surge voltage or lightning strike
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*
- Printer: *Supplied with a Epson TM-U295 ticket printer and printer cable*



**Scale includes:** foundation anchor bolts (3/4" x 7"), assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator, Epson TMU295 ticket printer with printer cable and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Centurion-DT

## CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1211-DT | 4 | 1 | 12' | 11' | 150K |
| CT-2411-DT | 4 | 1 | 24' | 11' | 150K |
| CT-3011-DT | 6 | 2 | 30' | 11' | 200K |
| CT-3611-DT | 6 | 2 | 36' | 11' | 200K |
| CT-4011-DT | 6 | 2 | 40' | 11' | 200K |
| CT-4811-DT | 6 | 2 | 48' | 11' | 200K |
| CT-6011-DT | 8 | 3 | 60' | 11' | 270K |
| CT-7011-DT | 8 | 3 | 70' | 11' | 270K |
| CT-7211-DT | 8 | 3 | 72' | 11' | 270K |
| CT-8011-DT | 10 | 4 | 80' | 11' | 270K |
| CT-8411-DT | 10 | 4 | 84' | 11' | 270K |
| CT-9011-DT | 10 | 4 | 90' | 11' | 270K |
| CT-9611-DT | 10 | 4 | 95' | 11' | 270K |
| CT-10011-DT | 12 | 5 | 100' | 11' | 270K |
| CT-10811-DT | 12 | 5 | 108' | 11' | 270K |
| CT-12011-DT | 12 | 5 | 120' | 11' | 270K |
| | | | | | |
| CT-1212-DT | 4 | 1 | 12' | 12' | 150K |
| CT-2412-DT | 4 | 1 | 24' | 12' | 150K |
| CT-3012-DT | 6 | 2 | 30' | 12' | 200K |
| CT-3612-DT | 6 | 2 | 36' | 12' | 200K |
| CT-4012-DT | 6 | 2 | 40' | 12' | 200K |
| CT-4812-DT | 6 | 2 | 48' | 12' | 200K |
| CT-6012-DT | 8 | 3 | 60' | 12' | 270K |
| CT-7012-DT | 8 | 3 | 70' | 12' | 270K |
| CT-7212-DT | 8 | 3 | 72' | 12' | 270K |
| CT-8012-DT | 10 | 4 | 80' | 12' | 270K |
| CT-8412-DT | 10 | 4 | 84' | 12' | 270K |
| CT-9012-DT | 10 | 4 | 90' | 12' | 270K |
| CT-9612-DT | 10 | 4 | 96' | 12' | 270K |
| CT-10012-DT | 12 | 5 | 100' | 12' | 270K |
| CT-10812-DT | 12 | 5 | 108' | 12' | 270K |
| CT-12012-DT | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Centurion-DT-CD

## CPD-M Digital Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb standard - up to 120K lb
- “r” Factor Rating: 2.94
- Scale Height: 16" standard height - custom height down to 12"
- Available Widths: 11' & 12' standard widths (10' by request)
- Weighbridge Deck: 8" concrete deck with factory installed tin and rebar - “Ready to Pour”
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year or optional 10-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells, load cell cables, junction box and DD 700 indicator from failure or damage due to surge voltage or lightning strike
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*
- Printer: *Supplied with a Epson TM-U295 ticket printer and printer cable*



**Scale Includes:** modules with factory installed tin and rebar, foundation anchor bolts (3/4"x7"), assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator, Epson TM-U295 ticket printer with printer cable and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Centurion-DT-CD

## CPD-M Digital Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1211-DT-CD | 4 | 1 | 12' | 11' | 150K |
| CT-2411-DT-CD | 4 | 1 | 24' | 11' | 150K |
| CT-3011-DT-CD | 6 | 2 | 30' | 11' | 200K |
| CT-3611-DT-CD | 6 | 2 | 36' | 11' | 200K |
| CT-4011-DT-CD | 6 | 2 | 40' | 11' | 200K |
| CT-4811-DT-CD | 6 | 2 | 48' | 11' | 200K |
| CT-6011-DT-CD | 8 | 3 | 60' | 11' | 270K |
| CT-7011-DT-CD | 8 | 3 | 70' | 11' | 270K |
| CT-7211-DT-CD | 8 | 3 | 72' | 11' | 270K |
| CT-8011-DT-CD | 10 | 4 | 80' | 11' | 270K |
| CT-8411-DT-CD | 10 | 4 | 84' | 11' | 270K |
| CT-9011-DT-CD | 10 | 4 | 90' | 11' | 270K |
| CT-9611-DT-CD | 10 | 4 | 95' | 11' | 270K |
| CT-10011-DT-CD | 12 | 5 | 100' | 11' | 270K |
| CT-10811-DT-CD | 12 | 5 | 108' | 11' | 270K |
| CT-12011-DT-CD | 12 | 5 | 120' | 11' | 270K |
| | | | | | |
| CT-1212-DT-CD | 4 | 1 | 12' | 12' | 150K |
| CT-2412-DT-CD | 4 | 1 | 24' | 12' | 150K |
| CT-3012-DT-CD | 6 | 2 | 30' | 12' | 200K |
| CT-3612-DT-CD | 6 | 2 | 36' | 12' | 200K |
| CT-4012-DT-CD | 6 | 2 | 40' | 12' | 200K |
| CT-4812-DT-CD | 6 | 2 | 48' | 12' | 200K |
| CT-6012-DT-CD | 8 | 3 | 60' | 12' | 270K |
| CT-7012-DT-CD | 8 | 3 | 70' | 12' | 270K |
| CT-7212-DT-CD | 8 | 3 | 72' | 12' | 270K |
| CT-8012-DT-CD | 10 | 4 | 80' | 12' | 270K |
| CT-8412-DT-CD | 10 | 4 | 84' | 12' | 270K |
| CT-9012-DT-CD | 10 | 4 | 90' | 12' | 270K |
| CT-9612-DT-CD | 10 | 4 | 96' | 12' | 270K |
| CT-10012-DT-CD | 12 | 5 | 100' | 12' | 270K |
| CT-10812-DT-CD | 12 | 5 | 108' | 12' | 270K |
| CT-12012-DT-CD | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Centurion-AT

## CPR-M Analog Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb standard - up to 120K lb
- “r” Factor Rating: 2.94
- Scale Height: 16" standard height - custom height down to 12"
- Available Widths: 10' - 14'
- Weighbridge Deck: 3/8" tread plate decking - welded to Quad Beam weighbridge
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Centurion-AT

## CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1211-AT | 4 | 1 | 12' | 11' | 150K |
| CT-2411-AT | 4 | 1 | 24' | 11' | 150K |
| CT-3011-AT | 6 | 2 | 30' | 11' | 200K |
| CT-3611-AT | 6 | 2 | 36' | 11' | 200K |
| CT-4011-AT | 6 | 2 | 40' | 11' | 200K |
| CT-4811-AT | 6 | 2 | 48' | 11' | 200K |
| CT-6011-AT | 8 | 3 | 60' | 11' | 270K |
| CT-7011-AT | 8 | 3 | 70' | 11' | 270K |
| CT-7211-AT | 8 | 3 | 72' | 11' | 270K |
| CT-8011-AT | 10 | 4 | 80' | 11' | 270K |
| CT-8411-AT | 10 | 4 | 84' | 11' | 270K |
| CT-9011-AT | 10 | 4 | 90' | 11' | 270K |
| CT-9611-AT | 10 | 4 | 96' | 11' | 270K |
| CT-10011-AT | 12 | 5 | 100' | 11' | 270K |
| CT-10811-AT | 12 | 5 | 108' | 11' | 270K |
| CT-12011-AT | 12 | 5 | 120' | 11' | 270K |
| CT-1212-AT | 4 | 1 | 12' | 12' | 150K |
| CT-2412-AT | 4 | 1 | 24' | 12' | 150K |
| CT-3012-AT | 6 | 2 | 30' | 12' | 200K |
| CT-3612-AT | 6 | 2 | 36' | 12' | 200K |
| CT-4012-AT | 6 | 2 | 40' | 12' | 200K |
| CT-4812-AT | 6 | 2 | 48' | 12' | 200K |
| CT-6012-AT | 8 | 3 | 60' | 12' | 270K |
| CT-7012-AT | 8 | 3 | 70' | 12' | 270K |
| CT-7212-AT | 8 | 3 | 72' | 12' | 270K |
| CT-8012-AT | 10 | 4 | 80' | 12' | 270K |
| CT-8412-AT | 10 | 4 | 84' | 12' | 270K |
| CT-9012-AT | 10 | 4 | 90' | 12' | 270K |
| CT-9612-AT | 10 | 4 | 96' | 12' | 270K |
| CT-10012-AT | 12 | 5 | 100' | 12' | 270K |
| CT-10812-AT | 12 | 5 | 108' | 12' | 270K |
| CT-12012-AT | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Centurion-AT-CD

## CPR-M Analog Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb standard - up to 120K lb
- “r” Factor Rating: 2.94
- Scale Height: 16" standard height - custom height down to 12"
- Available Widths: 11' & 12' standard widths (10' by request)
- Weighbridge Deck: 8" concrete deck with factory installed tin and rebar - “Ready to Pour”
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



**Scale includes:** modules with factory installed tin and rebar, foundation anchor bolts (3/4"x7"), assembly hardware, weighbridge checking system, load cells, load cell base plates, shim kit for each base plate, FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Centurion-AT-CD

## CPR-M Analog Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1211-AT-CD | 4 | 1 | 12' | 11' | 150K |
| CT-2411-AT-CD | 4 | 1 | 24' | 11' | 150K |
| CT-3011-AT-CD | 6 | 2 | 30' | 11' | 200K |
| CT-3611-AT-CD | 6 | 2 | 36' | 11' | 200K |
| CT-4011-AT-CD | 6 | 2 | 40' | 11' | 200K |
| CT-4811-AT-CD | 6 | 2 | 48' | 11' | 200K |
| CT-6011-AT-CD | 8 | 3 | 60' | 11' | 270K |
| CT-7011-AT-CD | 8 | 3 | 70' | 11' | 270K |
| CT-7211-AT-CD | 8 | 3 | 72' | 11' | 270K |
| CT-8011-AT-CD | 10 | 4 | 80' | 11' | 270K |
| CT-8411-AT-CD | 10 | 4 | 84' | 11' | 270K |
| CT-9011-AT-CD | 10 | 4 | 90' | 11' | 270K |
| CT-9611-AT-CD | 10 | 4 | 96' | 11' | 270K |
| CT-10011-AT-CD | 12 | 5 | 100' | 11' | 270K |
| CT-10811-AT-CD | 12 | 5 | 108' | 11' | 270K |
| CT-12011-AT-CD | 12 | 5 | 120' | 11' | 270K |
| CT-1212-AT-CD | 4 | 1 | 12' | 12' | 150K |
| CT-2412-AT-CD | 4 | 1 | 24' | 12' | 150K |
| CT-3012-AT-CD | 6 | 2 | 30' | 12' | 200K |
| CT-3612-AT-CD | 6 | 2 | 36' | 12' | 200K |
| CT-4012-AT-CD | 6 | 2 | 40' | 12' | 200K |
| CT-4812-AT-CD | 6 | 2 | 48' | 12' | 200K |
| CT-6012-AT-CD | 8 | 3 | 60' | 12' | 270K |
| CT-7012-AT-CD | 8 | 3 | 70' | 12' | 270K |
| CT-7212-AT-CD | 8 | 3 | 72' | 12' | 270K |
| CT-8012-AT-CD | 10 | 4 | 80' | 12' | 270K |
| CT-8412-AT-CD | 10 | 4 | 84' | 12' | 270K |
| CT-9012-AT-CD | 10 | 4 | 90' | 12' | 270K |
| CT-9612-AT-CD | 10 | 4 | 96' | 12' | 270K |
| CT-10012-AT-CD | 12 | 5 | 100' | 12' | 270K |
| CT-10812-AT-CD | 12 | 5 | 108' | 12' | 270K |
| CT-12012-AT-CD | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Hybrid-DT

## CPD-M Digital Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- “r” Factor Rating: 2.35
- Scale Height: 16" standard height - custom height down to 14"
- Available Widths: 10' - 14'
- Weighbridge Deck: 1/4" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells junction box, and DD 700 indicator from failure or damage due to lightning
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*
- Printer: *Supplied with a Epson TM-U295 ticket printer and printer cable*



**Scale includes:** foundation anchor bolts (3/4" x 7"), assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator, Epson TM-U295 ticket printer with printer cable and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Hybrid-DT

## CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| HY-1211-DT | 4 | 1 | 12' | 11' | 120K |
| HY-2411-DT | 4 | 1 | 24' | 11' | 120K |
| HY-3011-DT | 6 | 2 | 30' | 11' | 200K |
| HY-3611-DT | 6 | 2 | 36' | 11' | 200K |
| HY-4011-DT | 6 | 2 | 40' | 11' | 200K |
| HY-4811-DT | 6 | 2 | 48' | 11' | 200K |
| HY-6011-DT | 8 | 3 | 60' | 11' | 270K |
| HY-7011-DT | 8 | 3 | 70' | 11' | 270K |
| HY-7211-DT | 8 | 3 | 72' | 11' | 270K |
| HY-8011-DT | 10 | 4 | 80" | 11' | 270K |
| HY-8411-DT | 10 | 4 | 84' | 11' | 270K |
| HY-9011-DT | 10 | 4 | 90' | 11' | 270K |
| HY-9611-DT | 10 | 4 | 96 | 11' | 270K |
| HY-10011-DT | 12 | 5 | 100' | 11' | 270K |
| HY-10811-DT | 12 | 5 | 108' | 11' | 270K |
| HY-12011-DT | 12 | 5 | 120' | 11' | 270K |
| HY-1212-DT | 4 | 1 | 12' | 12' | 120K |
| HY-2412-DT | 4 | 1 | 24' | 12' | 120K |
| HY-3012-DT | 6 | 2 | 30' | 12' | 200K |
| HY-3612-DT | 6 | 2 | 36' | 12' | 200K |
| HY-4012-DT | 6 | 2 | 40' | 12' | 200K |
| HY-4812-DT | 6 | 2 | 48' | 12' | 200K |
| HY-6012-DT | 8 | 3 | 60' | 12' | 270K |
| HY-7012-DT | 8 | 3 | 70' | 12' | 270K |
| HY-7212-DT | 8 | 3 | 72' | 12' | 270K |
| HY-8012-DT | 10 | 4 | 80" | 12' | 270K |
| HY-8412-DT | 10 | 4 | 84' | 12' | 270K |
| HY-9012-DT | 10 | 4 | 90' | 12' | 270K |
| HY-9612-DT | 10 | 4 | 96 | 12' | 270K |
| HY-10012-DT | 12 | 5 | 100' | 12' | 270K |
| HY-10812-DT | 12 | 5 | 108' | 12' | 270K |
| HY-12012-DT | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Hybrid-AT

## CPR-M Analog Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- “r” Factor Rating: 2.35
- Scale Height: 16" standard height - custom height down to 14"
- Available Widths: 10' - 14'
- Weighbridge Deck: 1/4" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Hybrid-AT

## CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| HY-1211-AT | 4 | 1 | 12' | 11' | 120K |
| HY-2411-AT | 4 | 1 | 24' | 11' | 120K |
| HY-3011-AT | 6 | 2 | 30' | 11' | 200K |
| HY-3611-AT | 6 | 2 | 36' | 11' | 200K |
| HY-4011-AT | 6 | 2 | 40' | 11' | 200K |
| HY-4811-AT | 6 | 2 | 48' | 11' | 200K |
| HY-6011-AT | 8 | 3 | 60' | 11' | 270K |
| HY-7011-AT | 8 | 3 | 70' | 11' | 270K |
| HY-7211-AT | 8 | 3 | 72' | 11' | 270K |
| HY-8011-AT | 10 | 4 | 80" | 11' | 270K |
| HY-8411-AT | 10 | 4 | 84' | 11' | 270K |
| HY-9011-AT | 10 | 4 | 90' | 11' | 270K |
| HY-9611-AT | 10 | 4 | 96 | 11' | 270K |
| HY-10011-AT | 12 | 5 | 100' | 11' | 270K |
| HY-10811-AT | 12 | 5 | 108' | 11' | 270K |
| HY-12011-AT | 12 | 5 | 120' | 11' | 270K |
| HY-1212-AT | 4 | 1 | 12' | 12' | 120K |
| HY-2412-AT | 4 | 1 | 24' | 12' | 120K |
| HY-3012-AT | 6 | 2 | 30' | 12' | 200K |
| HY-3612-AT | 6 | 2 | 36' | 12' | 200K |
| HY-4012-AT | 6 | 2 | 40' | 12' | 200K |
| HY-4812-AT | 6 | 2 | 48' | 12' | 200K |
| HY-6012-AT | 8 | 3 | 60' | 12' | 270K |
| HY-7012-AT | 8 | 3 | 70' | 12' | 270K |
| HY-7212-AT | 8 | 3 | 72' | 12' | 270K |
| HY-8012-AT | 10 | 4 | 80" | 12' | 270K |
| HY-8412-AT | 10 | 4 | 84' | 12' | 270K |
| HY-9012-AT | 10 | 4 | 90' | 12' | 270K |
| HY-9612-AT | 10 | 4 | 96 | 12' | 270K |
| HY-10012-AT | 12 | 5 | 100' | 12' | 270K |
| HY-10812-AT | 12 | 5 | 108' | 12' | 270K |
| HY-12012-AT | 12 | 5 | 120' | 12' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-36xx | CT-40xx | CT-48xx | CT-60xx | CT-70xx | CT-72xx | CT-80xx | CT-84xx | CT-90xx | CT-96xx | CT-100xx | CT-108xx | CT-120xx |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual Length | 13' 6-1/2" | 25' 6-1/2" | 30' | 36' 9-1/4" | 40' | 48' 9-1/4" | 60' | 70' | 72' | 80' | 83' 2-3/4" | 90' | 95' 2-3/4" | 100' | 106' 5-1/2" | 118' 5-1/2" |

# Endurance-AT

## CPR-M Analog Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Scale Capacity: 200K lb
- Concentrated Load Capacity: 70K lb
- Scale Height: 16" standard height - no custom heights
- Under Scale Clearance: 3-13/16"
- Scale Dimension: 69' 10-1/2" x 10' 10-1/2"
- Weighbridge Deck: 1/4" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge structure warranty covering defects in materials and workmanship
  13-Month component warranty covering CPR-M load cells and summing boards **
  13-Month surge / lightning warranty covering CPR-M load cells and summing boards **

*** Longer component and surge / lightning warranty periods are optionally available*



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Endurance-AT

## CPR-M Analog Cell - Steel Deck

| Part Number | Description |
|---|---|
| EDR-7011-AT | **70' x 11' Endurance Steel Deck Motor Truck Scale** |
| | - Endurance 70'x11' Motor Truck Scale<br>- 200K Gross Scale Capacity<br>- 70K lb CLC<br>- Steel Deck<br>- WF-Beam Weighbridge<br>- Centrifugal Shot-Blast Cleaned Steel<br>- 2-Part Epoxy Primer<br>- 2-Part Polyurethane Top Coat<br>- 77K Capacity Load Cells<br>- Stainless Steel Load Cells<br>- Hermetically Sealed Load Cell - Rated IP86/69K<br>- Metal Braid Sheathed Load Cell Cable<br>- Surge Voltage Protection Package<br>- 5-Year Weighbridge Structure Warranty |

### Options

| | |
|---|---|
| 200-900100 | **Endurance Scale Sight Rail: 8" rail height** |
| | 3.5" O.D. schedule 40 pipe with 3/8" thick brackets bolted to scale weighbridge. Adds 12" to the overall scale width. |
| 200-900140 | **Endurance Scale Riser: 4-5/16" under scale clearance** |
| | Load cell riser increasing under scale clearance to 4-5/16" and overall scale height to 16-1/2". Riser fabricated into load cell base plate assembly at factory. |
| 200-900160 | **Endurance Scale Riser: 6-5/16" under scale clearance** |
| | Load cell riser increasing under scale clearance to 6-5/16" and overall scale height to 18-1/2". Riser fabricated into load cell base plate assembly at factory. |
| 200-900180 | **Endurance Scale Riser: 8-5/16" under scale clearance** |
| | Load cell riser increasing under scale clearance to 8-5/16" and overall scale height to 20-1/2". Riser fabricated into load cell base plate assembly at factory. |
| EDR-EW-25 | **Endurance Extended Component Warranty: 25-Months** |
| | Extended warranty adds an additional 12 months of standard and surge voltage coverage to the standard Endurance load cell and summing board warranty - 25 months from date of factory shipment. |
| EDR-EW-37 | **Endurance Extended Component Warranty: 37-Months** |
| | Extended warranty adds an additional 24 months of standard and surge voltage coverage to the standard Endurance load cell and summing board warranty - 37 months from date of factory shipment. |
| EDR-EW-49 | **Endurance Extended Component Warranty: 49-Months** |
| | Extended warranty adds an additional 36 months of standard and surge voltage coverage to the standard Endurance load cell and summing board warranty - 49 months from date of factory shipment. |
| EDR-EW-61 | **Endurance Extended Component Warranty: 61-Months** |
| | Extended warranty adds an additional 48 months of standard and surge voltage coverage to the standard Endurance load cell and summing board warranty - 61 months from date of factory shipment. |
| EDR-DRW | **Endurance Custom Foundation Drawing** |
| | Standard floating slab and pier type foundation drawings are available at no charge. Requests to make basic changes or add details to standard drawings will be subject to this charge. |

# Duratron - EFTS

## DESB Analog Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 01-075
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 72K lb
- Scale Height: 12" standard height - custom lower and taller heights
- Available Widths: 10' - 12'
- Weighbridge Deck: 3/8" tread plate decking - welded to beams
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 65K double ended shear beam - parallel link suspension system
  Plated alloy steel with fully welded gauge covers (IP67)
- Load Cell Cable: Braided metal sheathed cable
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: Tripp Lite Isobar Ultra 4-Outlet line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  2-Year components warranty covering defects in materials and workmanship



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, assembly hardware, load cells with braided metal sheathed cable, load cell stands, shim plate for each stand, FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Duratron - EFTS

## DESB Analog Cell - Steel Deck

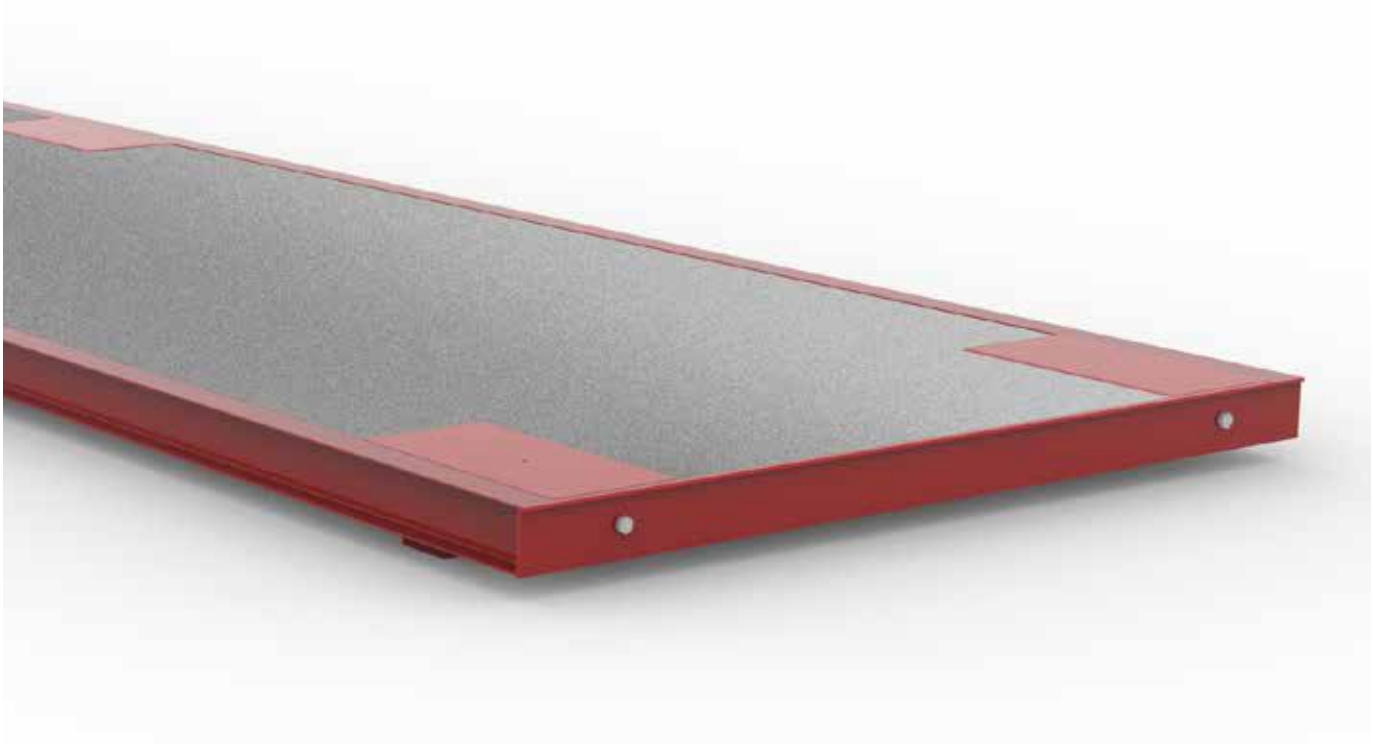
| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| EFTS-15403 | 4 | 1 | 15' | 10' | 80K |
| EFTS-20403 | 4 | 1 | 20' | 10' | 80K |
| EFTS-25403 | 4 | 1 | 25' | 10' | 80K |
| EFTS-30603 | 6 | 2 | 30' | 10' | 80K |
| EFTS-40603 | 6 | 2 | 40' | 10' | 120K |
| EFTS-45603 | 6 | 2 | 45' | 10' | 120K |
| EFTS-501004 | 8 | 3 | 50' | 10' | 200K |
| EFTS-601004 | 8 | 3 | 60' | 10' | 200K |
| EFTS-651004 | 8 | 3 | 65' | 10' | 200K |
| EFTS-701004 | 8 | 3 | 70' | 10' | 200K |
| EFTS-801004 | 10 | 4 | 80' | 10' | 200K |
| EFTS-901004 | 10 | 4 | 90' | 10' | 200K |
| EFTS-1001004 | 12 | 5 | 100' | 10' | 200K |
| EFTS-1201004 | 14 | 6 | 120' | 10' | 200K |
| | | | | | |
| EFTS-15403 | 4 | 1 | 15' | 11' | 80K |
| EFTS-20403 | 4 | 1 | 20' | 11' | 80K |
| EFTS-25403 | 4 | 1 | 25' | 11' | 80K |
| EFTS-30603 | 6 | 2 | 30' | 11' | 80K |
| EFTS-40603 | 6 | 2 | 40' | 11' | 120K |
| EFTS-45603 | 6 | 2 | 45' | 11' | 120K |
| EFTS-501004 | 8 | 3 | 50' | 11' | 200K |
| EFTS-601004 | 8 | 3 | 60' | 11' | 200K |
| EFTS-651004 | 8 | 3 | 65' | 11' | 200K |
| EFTS-701004 | 8 | 3 | 70' | 11' | 200K |
| EFTS-801004 | 10 | 4 | 80' | 11' | 200K |
| EFTS-901004 | 10 | 4 | 90' | 11' | 200K |
| EFTS-1001004 | 12 | 5 | 100' | 11' | 200K |
| EFTS-1201004 | 14 | 6 | 120' | 11' | 200K |
| | | | | | |
| EFTS-15403 | 4 | 1 | 15' | 12' | 80K |
| EFTS-20403 | 4 | 1 | 20' | 12' | 80K |
| EFTS-25403 | 4 | 1 | 25' | 12' | 80K |
| EFTS-30603 | 6 | 2 | 30' | 12' | 80K |
| EFTS-40603 | 6 | 2 | 40' | 12' | 120K |
| EFTS-45603 | 6 | 2 | 45' | 12' | 120K |
| EFTS-50603 | 8 | 3 | 50' | 12' | 200K |
| EFTS-601004 | 8 | 3 | 60' | 12' | 200K |
| EFTS-651004 | 8 | 3 | 65' | 12' | 200K |
| EFTS-701004 | 8 | 3 | 70' | 12' | 200K |
| EFTS-801004 | 10 | 4 | 80' | 12' | 200K |
| EFTS-901004 | 10 | 4 | 90' | 12' | 200K |
| EFTS-1001004 | 12 | 5 | 100' | 12' | 200K |
| EFTS-1201004 | 14 | 6 | 120' | 12' | 200K |

# Duratron - EFTC

## DESB Analog Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 01-075
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 72K lb
- Scale Height: 12" standard height - custom lower and taller heights
- Available Widths: 10' - 12'
- Weighbridge Deck: 8" concrete deck with factory installed tin and rebar - ”ready to pour”
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat
- Load Cell: 65K double ended shear beam—parallel link suspension system
  Plated alloy steel with fully welded gauge covers (IP67)
- Load Cell Cable: Braided metal sheathed cable
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: Tripp Lite Isobar Ultra 4-Outlet line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  2-Year components warranty covering defects in materials and workmanship



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules with factory installed tin and rebar, assembly hardware, load cells with braided metal sheathed cable, load cell stands, shim plate for each stand, junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Duratron - EFTC

## DESB Analog Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| EFTC-15403 | 4 | 1 | 15' | 10' | 80K |
| EFTC-20403 | 4 | 1 | 20' | 10' | 80K |
| EFTC-25403 | 4 | 1 | 25' | 10' | 80K |
| EFTC-30603 | 6 | 2 | 30' | 10' | 80K |
| EFTC-40603 | 6 | 2 | 40' | 10' | 120K |
| EFTC-45603 | 6 | 2 | 45' | 10' | 120K |
| EFTC-501004 | 8 | 3 | 50' | 10' | 200K |
| EFTC-601004 | 8 | 3 | 60' | 10' | 200K |
| EFTC-651004 | 8 | 3 | 65' | 10' | 200K |
| EFTC-701004 | 8 | 3 | 70' | 10' | 200K |
| EFTC-801004 | 10 | 4 | 80' | 10' | 200K |
| EFTC-901004 | 10 | 4 | 90' | 10' | 200K |
| EFTC-1001004 | 12 | 5 | 100' | 10' | 200K |
| EFTC-1201004 | 14 | 6 | 120' | 10' | 200K |
| EFTC-15403 | 4 | 1 | 15' | 11' | 80K |
| EFTC-20403 | 4 | 1 | 20' | 11' | 80K |
| EFTC-25403 | 4 | 1 | 25' | 11' | 80K |
| EFTC-30603 | 6 | 2 | 30' | 11' | 80K |
| EFTC-40603 | 6 | 2 | 40' | 11' | 120K |
| EFTC-45603 | 6 | 2 | 45' | 11' | 120K |
| EFTC-501004 | 8 | 3 | 50' | 11' | 200K |
| EFTC-601004 | 8 | 3 | 60' | 11' | 200K |
| EFTC-651004 | 8 | 3 | 65' | 11' | 200K |
| EFTC-701004 | 8 | 3 | 70' | 11' | 200K |
| EFTC-801004 | 10 | 4 | 80' | 11' | 200K |
| EFTC-901004 | 10 | 4 | 90' | 11' | 200K |
| EFTC-1001004 | 12 | 5 | 100' | 11' | 200K |
| EFTC-1201004 | 14 | 6 | 120' | 11' | 200K |
| EFTC-15403 | 4 | 1 | 15' | 12' | 80K |
| EFTC-20403 | 4 | 1 | 20' | 12' | 80K |
| EFTC-25403 | 4 | 1 | 25' | 12' | 80K |
| EFTC-30603 | 6 | 2 | 30' | 12' | 80K |
| EFTC-40603 | 6 | 2 | 40' | 12' | 120K |
| EFTC-45603 | 6 | 2 | 45' | 12' | 120K |
| EFTC-50603 | 8 | 3 | 50' | 12' | 200K |
| EFTC-601004 | 8 | 3 | 60' | 12' | 200K |
| EFTC-651004 | 8 | 3 | 65' | 12' | 200K |
| EFTC-701004 | 8 | 3 | 70' | 12' | 200K |
| EFTC-801004 | 10 | 4 | 80' | 12' | 200K |
| EFTC-901004 | 10 | 4 | 90' | 12' | 200K |
| EFTC-1001004 | 12 | 5 | 100' | 12' | 200K |
| EFTC-1201004 | 14 | 6 | 120' | 12' | 200K |

# Off-Road Vehicle - FESD-HD

## CPD-M Digital or CPR-M Analog - Steel Off-Road Vehicle Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Above ground heavy duty flat top and pit installation
- Scale Capacity: Up to 400K lb
- Concentrated Load Capacity: 120K & 150K lb
- Scale Height: 40" standard height - customer lower and taller heights
- Available Widths: 8' - 16' Single piece weighbridge<br>16' - 32' Split platform weighbridge
- Weighbridge Deck: 120K CLC: 3/8" tread plate decking bolted to weighbridge<br>150K CLC: 1/2" tread plate decking bolted to weighbridge
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output<br>77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V<br>Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: (Digital) NEMA 4X stainless steel box and 8-cell terminal board with GDT surge protection<br>(Analog) NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPD-M & CPR-M load cells utilize ground straps and base plate isolation disc<br>Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship<br>5-Year components warranty covering defects in materials and workmanship<br>5-Year surge / lightning warranty covering CPD-M & CPR-M load cells and summing boards
- Indicator: *CPD-M Digital supplied with a DD 700 ABS desk-top digital indicator*<br>*CPR-M Analog not supplied with indicator*



Shown with optional 48" tall WF-Beam Sight Rail

**Scale includes:** foundation anchor bolts (3/4" x 7"), assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless or FRP junction box, Isobar Ultra 4-outlet surge protection device, all ground cables, cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Off-Road Vehicle - FESD-HD

## CPD-M Digital or CPR-M Analog - Steel Off-Road Vehicle Scale

| Model Number | Cells | Modules | Lenth | Width | Capacity |
|---|---|---|---|---|---|
| BS-2510-270-FESD-HD-DT | 4 | 1 | 25' | 10' | 270K |
| BS-3010-400-FESD-HD-DT | 6 | 2 | 30' | 10' | 400K |
| BS-4010-400-FESD-HD-DT | 6 | 2 | 40' | 10' | 400K |
| BS-5010-400-FESD-HD-DT | 6 | 2 | 40' | 10' | 400K |
| BS-6010-400-FESD-HD-DT | 8 | 3 | 60' | 10' | 400K |
| BS-7010-400-FESD-HD-DT | 8 | 3 | 70' | 10' | 400K |
| BS-2512-270-FESD-HD-DT | 4 | 1 | 25' | 12' | 270K |
| BS-3012-400-FESD-HD-DT | 6 | 2 | 30' | 12' | 400K |
| BS-4012-400-FESD-HD-DT | 6 | 2 | 40' | 12' | 400K |
| BS-5012-400-FESD-HD-DT | 6 | 2 | 40' | 12' | 400K |
| BS-6012-400-FESD-HD-DT | 8 | 3 | 60' | 12' | 400K |
| BS-7012-400-FESD-HD-DT | 8 | 3 | 70' | 12' | 400K |
| BS-2514-270-FESD-HD-DT | 4 | 1 | 25' | 14' | 270K |
| BS-3014-400-FESD-HD-DT | 6 | 2 | 30' | 14' | 400K |
| BS-4014-400-FESD-HD-DT | 6 | 2 | 40' | 14' | 400K |
| BS-5014-400-FESD-HD-DT | 6 | 2 | 40' | 14' | 400K |
| BS-6014-400-FESD-HD-DT | 8 | 3 | 60' | 14' | 400K |
| BS-7014-400-FESD-HD-DT | 8 | 3 | 70' | 14' | 400K |
| BS-2516-270-FESD-HD-DT | 8 | 2 | 25' | 16' | 270K |
| BS-3016-400-FESD-HD-DT | 12 | 4 | 30' | 16' | 400K |
| BS-4016-400-FESD-HD-DT | 12 | 4 | 40' | 16' | 400K |
| BS-5016-400-FESD-HD-DT | 12 | 4 | 40' | 16' | 400K |
| BS-6016-400-FESD-HD-DT | 16 | 6 | 60' | 16' | 400K |
| BS-7016-400-FESD-HD-DT | 16 | 6 | 70' | 16' | 400K |
| BS-2518-270-FESD-HD-DT | 8 | 2 | 25' | 18' | 270K |
| BS-3018-400-FESD-HD-DT | 12 | 4 | 30' | 18' | 400K |
| BS-4018-400-FESD-HD-DT | 12 | 4 | 40' | 18' | 400K |
| BS-5018-400-FESD-HD-DT | 12 | 4 | 40' | 18' | 400K |
| BS-6018-400-FESD-HD-DT | 16 | 6 | 60' | 18' | 400K |
| BS-7018-400-FESD-HD-DT | 16 | 6 | 70' | 18' | 400K |
| BS-2520-270-FESD-HD-DT | 8 | 2 | 25' | 20' | 270K |
| BS-3020-400-FESD-HD-DT | 12 | 4 | 30' | 20' | 400K |
| BS-4020-400-FESD-HD-DT | 12 | 4 | 40' | 20' | 400K |
| BS-5020-400-FESD-HD-DT | 12 | 4 | 40' | 20' | 400K |
| BS-6020-400-FESD-HD-DT | 16 | 6 | 60' | 20' | 400K |
| BS-7020-400-FESD-HD-DT | 16 | 6 | 70' | 20' | 400K |

# Heavy Duty Side Rail

## CPR-M Analog Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Above ground integral side rail
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 23" standard height - custom lower and taller height
- Available Widths: 10' - 14'
- Weighbridge Deck: 3/8" tread plate decking - welded
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel environmentally sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NENEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules,weighbridge assembly hardware, weighbridge checking system, load cells,load cell cables, load cell mounting kit and shims, FRP junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod,weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Heavy Duty Side Rail



## CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-2010-120-FESD-HDSR-CPR-M | 4 | 1 | 20’ | 10’ | 120K |
| BS-3010-120-FESD-HDSR-CPR-M | 4 | 1 | 30’ | 10’ | 120K |
| BS-4010-200-FESD-HDSR-CPR-M | 6 | 2 | 40’ | 10’ | 200K |
| BS-5010-200-FESD-HDSR-CPR-M | 6 | 2 | 50’ | 10’ | 200K |
| BS-6010-270-FESD-HDSR-CPR-M | 8 | 3 | 60’ | 10’ | 270K |
| BS-7010-270-FESD-HDSR-CPR-M | 8 | 3 | 70’ | 10’ | 270K |
| BS-8010-270-FESD-HDSR-CPR-M | 8 | 3 | 80’ | 10’ | 270K |
| BS-9010-270-FESD-HDSR-CPR-M | 10 | 4 | 90’ | 10’ | 270K |
| BS-10010-270-FESD-HDSR-CPR-M | 10 | 4 | 100’ | 10’ | 270K |
| BS-12010-270-FESD-HDSR-CPR-M | 12 | 5 | 120’ | 10’ | 270K |
| BS-2011-120-FESD-HDSR-CPR-M | 4 | 1 | 20’ | 11’ | 120K |
| BS-3011-120-FESD-HDSR-CPR-M | 4 | 1 | 30’ | 11’ | 120K |
| BS-4011-200-FESD-HDSR-CPR-M | 6 | 2 | 40’ | 11’ | 200K |
| BS-5011-200-FESD-HDSR-CPR-M | 6 | 2 | 50’ | 11’ | 200K |
| BS-6011-270-FESD-HDSR-CPR-M | 8 | 3 | 60’ | 11’ | 270K |
| BS-7011-270-FESD-HDSR-CPR-M | 8 | 3 | 70’ | 11’ | 270K |
| BS-8011-270-FESD-HDSR-CPR-M | 8 | 3 | 80’ | 11’ | 270K |
| BS-9011-270-FESD-HDSR-CPR-M | 10 | 4 | 90’ | 11’ | 270K |
| BS-10011-270-FESD-HDSR-CPR-M | 10 | 4 | 100’ | 11’ | 270K |
| BS-12011-270-FESD-HDSR-CPR-M | 12 | 5 | 120’ | 11’ | 270K |
| BS-2012-120-FESD-HDSR-CPR-M | 4 | 1 | 20’ | 12’ | 120K |
| BS-3012-120-FESD-HDSR-CPR-M | 4 | 1 | 30’ | 12’ | 120K |
| BS-4012-200-FESD-HDSR-CPR-M | 6 | 2 | 40’ | 12’ | 200K |
| BS-5012-200-FESD-HDSR-CPR-M | 6 | 2 | 50’ | 12’ | 200K |
| BS-6012-270-FESD-HDSR-CPR-M | 8 | 3 | 60’ | 12’ | 270K |
| BS-7012-270-FESD-HDSR-CPR-M | 8 | 3 | 70’ | 12’ | 270K |
| BS-8012-270-FESD-HDSR-CPR-M | 8 | 3 | 80’ | 12’ | 270K |
| BS-9012-270-FESD-HDSR-CPR-M | 10 | 4 | 90’ | 12’ | 270K |
| BS-10012-270-FESD-HDSR-CPR-M | 10 | 4 | 100’ | 12’ | 270K |
| BS-12012-270-FESD-HDSR-CPR-M | 12 | 5 | 120’ | 12’ | 270K |

# Heavy Duty Side Rail

## CPD-M Digital Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Above ground integral side rail
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 23" standard height - custom lower and taller height
- Available Widths: 10' - 14'
- Weighbridge Deck: 3/8" tread plate decking - welded
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells, junction box, and DD 700 indicator from failure or damage due to lightning
- Indicator: Supplied with a DD 700 ABS desk-top digital indicator



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Heavy Duty Side Rail



## CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-2010-120-FESD-HDSR-CPD-M | 4 | 1 | 20’ | 10’ | 120K |
| BS-3010-120-FESD-HDSR-CPD-M | 4 | 1 | 30’ | 10’ | 120K |
| BS-4010-200-FESD-HDSR-CPD-M | 6 | 2 | 40’ | 10’ | 200K |
| BS-5010-200-FESD-HDSR-CPD-M | 6 | 2 | 50’ | 10’ | 200K |
| BS-6010-270-FESD-HDSR-CPD-M | 8 | 3 | 60’ | 10’ | 270K |
| BS-7010-270-FESD-HDSR-CPD-M | 8 | 3 | 70’ | 10’ | 270K |
| BS-8010-270-FESD-HDSR-CPD-M | 8 | 3 | 80’ | 10’ | 270K |
| BS-9010-270-FESD-HDSR-CPD-M | 10 | 4 | 90’ | 10’ | 270K |
| BS-10010-270-FESD-HDSR-CPD-M | 10 | 4 | 100’ | 10’ | 270K |
| BS-12010-270-FESD-HDSR-CPD-M | 12 | 5 | 120’ | 10’ | 270K |
| BS-2011-120-FESD-HDSR-CPD-M | 4 | 1 | 20’ | 11’ | 120K |
| BS-3011-120-FESD-HDSR-CPD-M | 4 | 1 | 30’ | 11’ | 120K |
| BS-4011-200-FESD-HDSR-CPD-M | 6 | 2 | 40’ | 11’ | 200K |
| BS-5011-200-FESD-HDSR-CPD-M | 6 | 2 | 50’ | 11’ | 200K |
| BS-6011-270-FESD-HDSR-CPD-M | 8 | 3 | 60’ | 11’ | 270K |
| BS-7011-270-FESD-HDSR-CPD-M | 8 | 3 | 70’ | 11’ | 270K |
| BS-8011-270-FESD-HDSR-CPD-M | 8 | 3 | 80’ | 11’ | 270K |
| BS-9011-270-FESD-HDSR-CPD-M | 10 | 4 | 90’ | 11’ | 270K |
| BS-10011-270-FESD-HDSR-CPD-M | 10 | 4 | 100’ | 11’ | 270K |
| BS-12011-270-FESD-HDSR-CPD-M | 12 | 5 | 120’ | 11’ | 270K |
| BS-2012-120-FESD-HDSR-CPD-M | 4 | 1 | 20’ | 12’ | 120K |
| BS-3012-120-FESD-HDSR-CPD-M | 4 | 1 | 30’ | 12’ | 120K |
| BS-4012-200-FESD-HDSR-CPD-M | 6 | 2 | 40’ | 12’ | 200K |
| BS-5012-200-FESD-HDSR-CPD-M | 6 | 2 | 50’ | 12’ | 200K |
| BS-6012-270-FESD-HDSR-CPD-M | 8 | 3 | 60’ | 12’ | 270K |
| BS-7012-270-FESD-HDSR-CPD-M | 8 | 3 | 70’ | 12’ | 270K |
| BS-8012-270-FESD-HDSR-CPD-M | 8 | 3 | 80’ | 12’ | 270K |
| BS-9012-270-FESD-HDSR-CPD-M | 10 | 4 | 90’ | 12’ | 270K |
| BS-10012-270-FESD-HDSR-CPD-M | 10 | 4 | 100’ | 12’ | 270K |
| BS-12012-270-FESD-HDSR-CPD-M | 12 | 5 | 120’ | 12’ | 270K |

# Heavy Duty Side Rail

## CPR-M Analog Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Above ground integral side rail
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 22-3/4" standard height - custom lower and taller height
- Available Widths: 10' - 14'
- Weighbridge Deck: 6" concrete deck
  **Option: Factory supplied deck sheeting and rebar (Truck Scale Accessories)**
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel environmentally sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** scale deck sheeting and rebar, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Heavy Duty Side Rail



## CPR-M Analog Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-2010-120-FECD-HDSR-CPR-M | 4 | 1 | 20’ | 10’ | 120K |
| BS-3010-120-FECD-HDSR-CPR-M | 4 | 1 | 30’ | 10’ | 120K |
| BS-4010-200-FECD-HDSR-CPR-M | 6 | 2 | 40’ | 10’ | 200K |
| BS-5010-200-FECD-HDSR-CPR-M | 6 | 2 | 50’ | 10’ | 200K |
| BS-6010-270-FECD-HDSR-CPR-M | 8 | 3 | 60’ | 10’ | 270K |
| BS-7010-270-FECD-HDSR-CPR-M | 8 | 3 | 70’ | 10’ | 270K |
| BS-8010-270-FECD-HDSR-CPR-M | 8 | 3 | 80’ | 10’ | 270K |
| BS-9010-270-FECD-HDSR-CPR-M | 10 | 4 | 90’ | 10’ | 270K |
| BS-10010-270-FECD-HDSR-CPR-M | 10 | 4 | 100’ | 10’ | 270K |
| BS-12010-270-FECD-HDSR-CPR-M | 12 | 5 | 120’ | 10’ | 270K |
| BS-2011-120-FECD-HDSR-CPR-M | 4 | 1 | 20’ | 11’ | 120K |
| BS-3011-120-FECD-HDSR-CPR-M | 4 | 1 | 30’ | 11’ | 120K |
| BS-4011-200-FECD-HDSR-CPR-M | 6 | 2 | 40’ | 11’ | 200K |
| BS-5011-200-FECD-HDSR-CPR-M | 6 | 2 | 50’ | 11’ | 200K |
| BS-6011-270-FECD-HDSR-CPR-M | 8 | 3 | 60’ | 11’ | 270K |
| BS-7011-270-FECD-HDSR-CPR-M | 8 | 3 | 70’ | 11’ | 270K |
| BS-8011-270-FECD-HDSR-CPR-M | 8 | 3 | 80’ | 11’ | 270K |
| BS-9011-270-FECD-HDSR-CPR-M | 10 | 4 | 90’ | 11’ | 270K |
| BS-10011-270-FECD-HDSR-CPR-M | 10 | 4 | 100’ | 11’ | 270K |
| BS-12011-270-FECD-HDSR-CPR-M | 12 | 5 | 120’ | 11’ | 270K |
| BS-2012-120-FECD-HDSR-CPR-M | 4 | 1 | 20’ | 12’ | 120K |
| BS-3012-120-FECD-HDSR-CPR-M | 4 | 1 | 30’ | 12’ | 120K |
| BS-4012-200-FECD-HDSR-CPR-M | 6 | 2 | 40’ | 12’ | 200K |
| BS-5012-200-FECD-HDSR-CPR-M | 6 | 2 | 50’ | 12’ | 200K |
| BS-6012-270-FECD-HDSR-CPR-M | 8 | 3 | 60’ | 12’ | 270K |
| BS-7012-270-FECD-HDSR-CPR-M | 8 | 3 | 70’ | 12’ | 270K |
| BS-8012-270-FECD-HDSR-CPR-M | 8 | 3 | 80’ | 12’ | 270K |
| BS-9012-270-FECD-HDSR-CPR-M | 10 | 4 | 90’ | 12’ | 270K |
| BS-10012-270-FECD-HDSR-CPR-M | 10 | 4 | 100’ | 12’ | 270K |
| BS-12012-270-FECD-HDSR-CPR-M | 12 | 5 | 120’ | 12’ | 270K |

# Heavy Duty Side Rail

## CPD-M Digital Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Above ground integral side rail
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 22-3/4" standard height - custom lower and taller height
- Available Widths: 10' - 14'
- Weighbridge Deck: 6" concrete deck
  **Option: Factory supplied deck sheeting and rebar (Truck Scale Accessories)**
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells junction box, and DD 700 indicator from failure or damage due to lightning
- Indicator: Supplied with a DD 700 ABS desk-top digital indicator



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator and (2) order specific scale / foundation prints.

**Scale does not include:** scale deck sheeting and rebar, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Heavy Duty Side Rail



## CPD-M Digital Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-2010-120-FECD-HDSR-CPD-M | 4 | 1 | 20’ | 10’ | 120K |
| BS-3010-120-FECD-HDSR-CPD-M | 4 | 1 | 30’ | 10’ | 120K |
| BS-4010-200-FECD-HDSR-CPD-M | 6 | 2 | 40’ | 10’ | 200K |
| BS-5010-200-FECD-HDSR-CPD-M | 6 | 2 | 50’ | 10’ | 200K |
| BS-6010-270-FECD-HDSR-CPD-M | 8 | 3 | 60’ | 10’ | 270K |
| BS-7010-270-FECD-HDSR-CPD-M | 8 | 3 | 70’ | 10’ | 270K |
| BS-8010-270-FECD-HDSR-CPD-M | 8 | 3 | 80’ | 10’ | 270K |
| BS-9010-270-FECD-HDSR-CPD-M | 10 | 4 | 90’ | 10’ | 270K |
| BS-10010-270-FECD-HDSR-CPD-M | 10 | 4 | 100’ | 10’ | 270K |
| BS-12010-270-FECD-HDSR-CPD-M | 12 | 5 | 120’ | 10’ | 270K |
| BS-2011-120-FECD-HDSR-CPD-M | 4 | 1 | 20’ | 11’ | 120K |
| BS-3011-120-FECD-HDSR-CPD-M | 4 | 1 | 30’ | 11’ | 120K |
| BS-4011-200-FECD-HDSR-CPD-M | 6 | 2 | 40’ | 11’ | 200K |
| BS-5011-200-FECD-HDSR-CPD-M | 6 | 2 | 50’ | 11’ | 200K |
| BS-6011-270-FECD-HDSR-CPD-M | 8 | 3 | 60’ | 11’ | 270K |
| BS-7011-270-FECD-HDSR-CPD-M | 8 | 3 | 70’ | 11’ | 270K |
| BS-8011-270-FECD-HDSR-CPD-M | 8 | 3 | 80’ | 11’ | 270K |
| BS-9011-270-FECD-HDSR-CPD-M | 10 | 4 | 90’ | 11’ | 270K |
| BS-10011-270-FECD-HDSR-CPD-M | 10 | 4 | 100’ | 11’ | 270K |
| BS-12011-270-FECD-HDSR-CPD-M | 12 | 5 | 120’ | 11’ | 270K |
| BS-2012-120-FECD-HDSR-CPD-M | 4 | 1 | 20’ | 11’ | 120K |
| BS-3012-120-FECD-HDSR-CPD-M | 4 | 1 | 30’ | 11’ | 120K |
| BS-4012-200-FECD-HDSR-CPD-M | 6 | 2 | 40’ | 11’ | 200K |
| BS-5012-200-FECD-HDSR-CPD-M | 6 | 2 | 50’ | 11’ | 200K |
| BS-6012-270-FECD-HDSR-CPD-M | 8 | 3 | 60’ | 11’ | 270K |
| BS-7012-270-FECD-HDSR-CPD-M | 8 | 3 | 70’ | 11’ | 270K |
| BS-8012-270-FECD-HDSR-CPD-M | 8 | 3 | 80’ | 11’ | 270K |
| BS-9012-270-FECD-HDSR-CPD-M | 10 | 4 | 90’ | 11’ | 270K |
| BS-10012-270-FECD-HDSR-CPD-M | 10 | 4 | 100’ | 11’ | 270K |
| BS-12012-270-FECD-HDSR-CPD-M | 12 | 5 | 120’ | 11’ | 270K |

# Pit Type - FESD-P

## CPR-M Analog Cell - Steel Deck



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Pit
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb
- Scale Height: 36" standard height - custom lower and taller height
- Available Widths: 8' - 13'
- Weighbridge Deck: 3/8" tread plate decking - welded
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel environmentally sealed (IP67) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



Optional 24" x 24"
Manhole Shown in Deck

**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator, printer, homerun cable, foundation rebar, manholes, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Pit Type - FESD-P

## CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-1010-120-FESD-P-CPR-M | 4 | 1 | 10' | 10' | 120K |
| BS-2010-120-FESD-P-CPR-M | 4 | 1 | 20' | 10' | 120K |
| BS-2510-120-FESD-P-CPR-M | 4 | 1 | 25' | 10' | 120K |
| BS-3010-120-FESD-P-CPR-M | 4 | 1 | 30' | 10' | 120K |
| BS-4010-200-FESD-P-CPR-M | 6 | 2 | 40' | 10' | 200K |
| BS-5010-200-FESD-P-CPR-M | 6 | 2 | 50' | 10' | 200K |
| BS-6010-270-FESD-P-CPR-M | 8 | 3 | 60' | 10' | 270K |
| BS-7010-270-FESD-P-CPR-M | 8 | 3 | 70' | 10' | 270K |
| BS-8010-270-FESD-P-CPR-M | 8 | 3 | 80' | 10' | 270K |
| BS-9010-270-FESD-P-CPR-M | 10 | 4 | 90' | 10' | 270K |
| BS-10010-270-FESD-P-CPR-M | 10 | 4 | 100' | 10' | 270K |
| BS-12010-270-FESD-P-CPR-M | 12 | 5 | 120' | 10' | 270K |
| BS-1011-120-FESD-P-CPR-M | 4 | 1 | 10' | 11' | 120K |
| BS-2011-120-FESD-P-CPR-M | 4 | 1 | 20' | 11' | 120K |
| BS-2511-120-FESD-P-CPR-M | 4 | 1 | 25' | 11' | 120K |
| BS-3011-120-FESD-P-CPR-M | 4 | 1 | 30' | 11' | 120K |
| BS-4011-200-FESD-P-CPR-M | 6 | 2 | 40' | 11' | 200K |
| BS-5011-200-FESD-P-CPR-M | 6 | 2 | 50' | 11' | 200K |
| BS-6011-270-FESD-P-CPR-M | 8 | 3 | 60' | 11' | 270K |
| BS-7011-270-FESD-P-CPR-M | 8 | 3 | 70' | 11' | 270K |
| BS-8011-270-FESD-P-CPR-M | 8 | 3 | 80' | 11' | 270K |
| BS-9011-270-FESD-P-CPR-M | 10 | 4 | 90' | 11' | 270K |
| BS-10011-270-FESD-P-CPR-M | 10 | 4 | 100' | 11' | 270K |
| BS-12011-270-FESD-P-CPR-M | 12 | 5 | 120' | 11' | 270K |
| BS-1012-120-FESD-P-CPR-M | 4 | 1 | 10' | 12' | 120K |
| BS-2012-120-FESD-P-CPR-M | 4 | 1 | 20' | 12' | 120K |
| BS-2512-120-FESD-P-CPR-M | 4 | 1 | 25' | 12' | 120K |
| BS-3012-120-FESD-P-CPR-M | 4 | 1 | 30' | 12' | 120K |
| BS-4012-200-FESD-P-CPR-M | 6 | 2 | 40' | 12' | 200K |
| BS-5012-200-FESD-P-CPR-M | 6 | 2 | 50' | 12' | 200K |
| BS-6012-270-FESD-P-CPR-M | 8 | 3 | 60' | 12' | 270K |
| BS-7012-270-FESD-P-CPR-M | 8 | 3 | 70' | 12' | 270K |
| BS-8012-270-FESD-P-CPR-M | 8 | 3 | 80' | 12' | 270K |
| BS-9012-270-FESD-P-CPR-M | 10 | 4 | 90' | 12' | 270K |
| BS-10012-270-FESD-P-CPR-M | 10 | 4 | 100' | 12' | 270K |
| BS-12012-270-FESD-P-CPR-M | 12 | 5 | 120' | 12' | 270K |

# Pit Type - FESD-P

## CPD-M Digital Cell - Steel Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Pit
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb
- Scale Height: 36" standard height - custom lower and taller height
- Available Widths: 8' - 13'
- Weighbridge Deck: 3/8" tread plate decking - welded
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells junction box, and DD 700 indicator from failure or damage due to lightning
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*



Optional 24" x 24"
Manhole Shown in Deck

**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator and (2) order specific scale / foundation prints.

**Scale does not include:** foundation rebar, manholes, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Pit Type - FESD-P

## CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-1010-120-FESD-P-CPD-M | 4 | 1 | 10' | 10' | 120K |
| BS-2010-120-FESD-P-CPD-M | 4 | 1 | 20' | 10' | 120K |
| BS-2510-120-FESD-P-CPD-M | 4 | 1 | 25' | 10' | 120K |
| BS-3010-120-FESD-P-CPD-M | 4 | 1 | 30' | 10' | 120K |
| BS-4010-200-FESD-P-CPD-M | 6 | 2 | 40' | 10' | 200K |
| BS-5010-200-FESD-P-CPD-M | 6 | 2 | 50' | 10' | 200K |
| BS-6010-270-FESD-P-CPD-M | 8 | 3 | 60' | 10' | 270K |
| BS-7010-270-FESD-P-CPD-M | 8 | 3 | 70' | 10' | 270K |
| BS-8010-270-FESD-P-CPD-M | 8 | 3 | 80' | 10' | 270K |
| BS-9010-270-FESD-P-CPD-M | 10 | 4 | 90' | 10' | 270K |
| BS-10010-270-FESD-P-CPD-M | 10 | 4 | 100' | 10' | 270K |
| BS-12010-270-FESD-P-CPD-M | 12 | 5 | 120' | 10' | 270K |
| BS-1011-120-FESD-P-CPD-M | 4 | 1 | 10' | 11' | 120K |
| BS-2011-120-FESD-P-CPD-M | 4 | 1 | 20' | 11' | 120K |
| BS-2511-120-FESD-P-CPD-M | 4 | 1 | 25' | 11' | 120K |
| BS-3011-120-FESD-P-CPD-M | 4 | 1 | 30' | 11' | 120K |
| BS-4011-200-FESD-P-CPD-M | 6 | 2 | 40' | 11' | 200K |
| BS-5011-200-FESD-P-CPD-M | 6 | 2 | 50' | 11' | 200K |
| BS-6011-270-FESD-P-CPD-M | 8 | 3 | 60' | 11' | 270K |
| BS-7011-270-FESD-P-CPD-M | 8 | 3 | 70' | 11' | 270K |
| BS-8011-270-FESD-P-CPD-M | 8 | 3 | 80' | 11' | 270K |
| BS-9011-270-FESD-P-CPD-M | 10 | 4 | 90' | 11' | 270K |
| BS-10011-270-FESD-P-CPD-M | 10 | 4 | 100' | 11' | 270K |
| BS-12011-270-FESD-P-CPD-M | 12 | 5 | 120' | 11' | 270K |
| BS-1012-120-FESD-P-CPD-M | 4 | 1 | 10' | 12' | 120K |
| BS-2012-120-FESD-P-CPD-M | 4 | 1 | 20' | 12' | 120K |
| BS-2512-120-FESD-P-CPD-M | 4 | 1 | 25' | 12' | 120K |
| BS-3012-120-FESD-P-CPD-M | 4 | 1 | 30' | 12' | 120K |
| BS-4012-200-FESD-P-CPD-M | 6 | 2 | 40' | 12' | 200K |
| BS-5012-200-FESD-P-CPD-M | 6 | 2 | 50' | 12' | 200K |
| BS-6012-270-FESD-P-CPD-M | 8 | 3 | 60' | 12' | 270K |
| BS-7012-270-FESD-P-CPD-M | 8 | 3 | 70' | 12' | 270K |
| BS-8012-270-FESD-P-CPD-M | 8 | 3 | 80' | 12' | 270K |
| BS-9012-270-FESD-P-CPD-M | 10 | 4 | 90' | 12' | 270K |
| BS-10012-270-FESD-P-CPD-M | 10 | 4 | 100' | 12' | 270K |
| BS-12012-270-FESD-P-CPD-M | 12 | 5 | 120' | 12' | 270K |

# Pit Type - FECD-P

## CPR-M Analog Cell - Concrete Deck



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Pit
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 36" standard height - custom lower and taller height
- Available Widths: 8' - 13'
- Weighbridge Deck: 6" concrete deck - deck coping supplied for field installation
  **Option: Factory supplied deck sheeting and rebar (Truck Scale Accessories)**
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel environmentally sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards



Optional 24" x 24"
Manhole Shown in Deck

**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge modules, weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, FRP junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** scale deck sheeting and rebar, manholes, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Pit Type - FECD-P

## CPR-M Analog Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-1010-120-FECD-P-CPR-M | 4 | 1 | 10' | 10' | 120K |
| BS-2010-120-FECD-P-CPR-M | 4 | 1 | 20' | 10' | 120K |
| BS-2510-120-FECD-P-CPR-M | 4 | 1 | 25' | 10' | 120K |
| BS-3010-120-FECD-P-CPR-M | 4 | 1 | 30' | 10' | 120K |
| BS-4010-200-FECD-P-CPR-M | 6 | 2 | 40' | 10' | 200K |
| BS-5010-200-FECD-P-CPR-M | 6 | 2 | 50' | 10' | 200K |
| BS-6010-270-FECD-P-CPR-M | 8 | 3 | 60' | 10' | 270K |
| BS-7010-270-FECD-P-CPR-M | 8 | 3 | 70' | 10' | 270K |
| BS-8010-270-FECD-P-CPR-M | 8 | 3 | 80' | 10' | 270K |
| BS-9010-270-FECD-P-CPR-M | 10 | 4 | 90' | 10' | 270K |
| BS-10010-270-FECD-P-CPR-M | 10 | 4 | 100' | 10' | 270K |
| BS-12010-270-FECD-P-CPR-M | 12 | 5 | 120' | 10' | 270K |
| BS-1011-120-FECD-P-CPR-M | 4 | 1 | 10' | 11' | 120K |
| BS-2011-120-FECD-P-CPR-M | 4 | 1 | 20' | 11' | 120K |
| BS-2511-120-FECD-P-CPR-M | 4 | 1 | 25' | 11' | 120K |
| BS-3011-120-FECD-P-CPR-M | 4 | 1 | 30' | 11' | 120K |
| BS-4011-200-FECD-P-CPR-M | 6 | 2 | 40' | 11' | 200K |
| BS-5011-200-FECD-P-CPR-M | 6 | 2 | 50' | 11' | 200K |
| BS-6011-270-FECD-P-CPR-M | 8 | 3 | 60' | 11' | 270K |
| BS-7011-270-FECD-P-CPR-M | 8 | 3 | 70' | 11' | 270K |
| BS-8011-270-FECD-P-CPR-M | 8 | 3 | 80' | 11' | 270K |
| BS-9011-270-FECD-P-CPR-M | 10 | 4 | 90' | 11' | 270K |
| BS-10011-270-FECD-P-CPR-M | 10 | 4 | 100' | 11' | 270K |
| BS-12011-270-FECD-P-CPR-M | 12 | 5 | 120' | 11' | 270K |
| BS-1012-120-FECD-P-CPR-M | 4 | 1 | 10' | 12' | 120K |
| BS-2012-120-FECD-P-CPR-M | 4 | 1 | 20' | 12' | 120K |
| BS-2512-120-FECD-P-CPR-M | 4 | 1 | 25' | 12' | 120K |
| BS-3012-120-FECD-P-CPR-M | 4 | 1 | 30' | 12' | 120K |
| BS-4012-200-FECD-P-CPR-M | 6 | 2 | 40' | 12' | 200K |
| BS-5012-200-FECD-P-CPR-M | 6 | 2 | 50' | 12' | 200K |
| BS-6012-270-FECD-P-CPR-M | 8 | 3 | 60' | 12' | 270K |
| BS-7012-270-FECD-P-CPR-M | 8 | 3 | 70' | 12' | 270K |
| BS-8012-270-FECD-P-CPR-M | 8 | 3 | 80' | 12' | 270K |
| BS-9012-270-FECD-P-CPR-M | 10 | 4 | 90' | 12' | 270K |
| BS-10012-270-FECD-P-CPR-M | 10 | 4 | 100' | 12' | 270K |
| BS-12012-270-FECD-P-CPR-M | 12 | 5 | 120' | 12' | 270K |

# Pit Type - FECD-P

## CPD-M Digital Cell - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 92-195A4
- Type: Pit
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- Scale Height: 36" standard height - custom lower and taller height
- Available Widths: 8' - 13'
- Weighbridge Deck: 6" concrete deck - deck coping supplied for field installation
  **Option: Factory supplied deck sheeting and rebar (Truck Scale Accessories)**
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year “End-Wall to End-Wall” parts, labor and travel warranty covering the weighbridge, load cells junction box, and DD 700 indicator from failure or damage due to lightning
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*



Optional 24" x 24"
Manhole Shown in Deck

**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge assembly hardware, weighbridge checking system, load cells, load cell cables, load cell mounting kit and shims, stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits, 50' of homerun cable, DD 700 ABS desktop indicator and (2) order specific scale / foundation prints.

**Scale does not include:** scale deck sheeting and rebar, manholes, foundation rebar, end-wall or approach wall coping, end-wall bumper checking plates, freight cost to site and any other required permits.

# Pit Type - FECD-P

## CPD-M Digital Cell - Concrete Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| BS-1010-120-FECD-P-CPD-M | 4 | 1 | 10' | 10' | 120K |
| BS-2010-120-FECD-P-CPD-M | 4 | 1 | 20' | 10' | 120K |
| BS-2510-120-FECD-P-CPD-M | 4 | 1 | 25' | 10' | 120K |
| BS-3010-120-FECD-P-CPD-M | 4 | 1 | 30' | 10' | 120K |
| BS-4010-200-FECD-P-CPD-M | 6 | 2 | 40' | 10' | 200K |
| BS-5010-200-FECD-P-CPD-M | 6 | 2 | 50' | 10' | 200K |
| BS-6010-270-FECD-P-CPD-M | 8 | 3 | 60' | 10' | 270K |
| BS-7010-270-FECD-P-CPD-M | 8 | 3 | 70' | 10' | 270K |
| BS-8010-270-FECD-P-CPD-M | 8 | 3 | 80' | 10' | 270K |
| BS-9010-270-FECD-P-CPD-M | 10 | 4 | 90' | 10' | 270K |
| BS-10010-270-FECD-P-CPD-M | 10 | 4 | 100' | 10' | 270K |
| BS-12010-270-FECD-P-CPD-M | 12 | 5 | 120' | 10' | 270K |
| BS-1011-120-FECD-P-CPD-M | 4 | 1 | 10' | 11' | 120K |
| BS-2011-120-FECD-P-CPD-M | 4 | 1 | 20' | 11' | 120K |
| BS-2511-120-FECD-P-CPD-M | 4 | 1 | 25' | 11' | 120K |
| BS-3011-120-FECD-P-CPD-M | 4 | 1 | 30' | 11' | 120K |
| BS-4011-200-FECD-P-CPD-M | 6 | 2 | 40' | 11' | 200K |
| BS-5011-200-FECD-P-CPD-M | 6 | 2 | 50' | 11' | 200K |
| BS-6011-270-FECD-P-CPD-M | 8 | 3 | 60' | 11' | 270K |
| BS-7011-270-FECD-P-CPD-M | 8 | 3 | 70' | 11' | 270K |
| BS-8011-270-FECD-P-CPD-M | 8 | 3 | 80' | 11' | 270K |
| BS-9011-270-FECD-P-CPD-M | 10 | 4 | 90' | 11' | 270K |
| BS-10011-270-FECD-P-CPD-M | 10 | 4 | 100' | 11' | 270K |
| BS-12011-270-FECD-P-CPD-M | 12 | 5 | 120' | 11' | 270K |
| BS-1012-120-FECD-P-CPD-M | 4 | 1 | 10' | 12' | 120K |
| BS-2012-120-FECD-P-CPD-M | 4 | 1 | 20' | 12' | 120K |
| BS-2512-120-FECD-P-CPD-M | 4 | 1 | 25' | 12' | 120K |
| BS-3012-120-FECD-P-CPD-M | 4 | 1 | 30' | 12' | 120K |
| BS-4012-200-FECD-P-CPD-M | 6 | 2 | 40' | 12' | 200K |
| BS-5012-200-FECD-P-CPD-M | 6 | 2 | 50' | 12' | 200K |
| BS-6012-270-FECD-P-CPD-M | 8 | 3 | 60' | 12' | 270K |
| BS-7012-270-FECD-P-CPD-M | 8 | 3 | 70' | 12' | 270K |
| BS-8012-270-FECD-P-CPD-M | 8 | 3 | 80' | 12' | 270K |
| BS-9012-270-FECD-P-CPD-M | 10 | 4 | 90' | 12' | 270K |
| BS-10012-270-FECD-P-CPD-M | 10 | 4 | 100' | 12' | 270K |
| BS-12012-270-FECD-P-CPD-M | 12 | 5 | 120' | 12' | 270K |

# Pit Type - Durline MTC

## Electro-Mechanical Pit-Type - Concrete Deck

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 01-076A1
- Type: Pit type electro-mechanical straight lever system
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 56K & 67K lb
- Scale Height: 43-7/8"
- Available Widths: 10' - 12'
- Weighbridge Deck: 6" concrete deck - Includes deck coping with Nelson studs
  **Option: Factory supplied deck sheeting and rebar (Truck Scale Accessories)**
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: Single S-Type load cell (included)
- Mechanical: Utilizes parallel link suspension and fabricated lever system
- Junction Box: Not necessary for single cell scale
- Surge Protection: Tripp Lite Isobar Ultra 4-Outlet line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year lever system warranty covering defects in materials and workmanship
  1-Year load cell warranty covering defects in materials and workmanship
  18-month pivots, bearings and suspension parts covering defects in materials and workmanship



**Scale includes:** foundation anchor bolts (3/4" x 7"), weighbridge main beams and cross members (field assembled), weighbridge assembly hardware, deck coping, load cell stand, Tripp Lite Isobar Ultra 4-outlet surge protection device and (2) order specific scale / foundation prints.

**Scale does not include:** scale deck sheeting and rebar, manholes, foundation rebar, end-wall or approach wall coping, side and end-wall bumper checking plates, freight cost to site and any other required permits.

# Pit Type - Durline MTC

## Electro-Mechanical Pit-Type - Concrete Deck

| Model Number | Cells | Sections | Length | Width | CAP/CLC |
|---|---|---|---|---|---|
| MTC-24303 | 1 | 2 | 24' | 10' | 80K / 56K |
| MTC-30303 | 1 | 2 | 30' | 10' | 80K / 56K |
| MTC-34504 | 1 | 3 | 34' | 10' | 160K / 67K |
| MTC-40604 | 1 | 3 | 40' | 10' | 160K / 67K |
| MTC-50604 | 1 | 4 | 50' | 10' | 200K / 67K |
| MTC-60604 | 1 | 4 | 60' | 10' | 200K / 67K |
| MTC-65604 | 1 | 4 | 65' | 10' | 200K / 67K |
| MTC-70604 | 1 | 4 | 70' | 10' | 200K / 67K |
| MTC-80604 | 1 | 5 | 80' | 10' | 270K / 67K |
| MTC-90604 | 1 | 6 | 90' | 10' | 270K / 67K |
| MTC-100604 | 1 | 6 | 100' | 10' | 270K / 67K |
| MTC-110604 | 1 | 6 | 110' | 10' | 270K / 67K |
| MTC-120604 | 1 | 6 | 120' | 10' | 270K / 67K |

11' and 12' widths available

# Portable Truck Scale

## Centurion Self Contained Portable

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Centurion scale with full portability frame and (2) integral reinforced bulkhead assemblies. Full length channel frame with lock-down tabs to tie the weighbridge and frame together for transport without disassembly of load cell mounts.
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb
- “r” Factor Rating: 2.94
- Scale Height: 17"
- Available Widths: 10' & 11' standard widths (12' by request)
- Weighbridge Deck: 3/8" tread plate decking - welded to Quad Beam weighbridge
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat
- Load Cell Analog: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V<br>Stainless steel hermetically sealed (IP68) construction
- Load Cell Digital: 77K CPD-M digital compression column load cell, RS-485 digital output<br>Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating
- Junction Box Analog: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Junction Box Digital: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc<br>Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship<br>5-Year components warranty covering defects in materials and workmanship<br>5-Year surge / lightning warranty covering CPR-M or CPD-M load cells and summing boards
- Indicator: *Not included with analog cell version - DD 700 ABS Included with digital cell version*



**Scale includes:** weighbridge modules, fully assembled weighbridge factory assembled into frame, weighbridge checking system, load cells, load cell base plates, shim kit for each base plate, FRP or stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator (CPR-M version), printer, homerun cable, anchors and freight cost to site and any other required permits.

# Portable Truck Scale

## Centurion CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1210-DT-PORT | 4 | 1 | 12' | 10' | 150K |
| CT-2410-DT-PORT | 4 | 1 | 24' | 10' | 150K |
| CT-3010-DT-PORT | 4 | 1 | 30' | 10' | 150K |
| CT-6010-DT-PORT | 8 | 3 | 60' | 10' | 270K |
| CT-7010-DT-PORT | 8 | 3 | 70' | 10' | 270K |
| CT-7210-DT-PORT | 8 | 3 | 72' | 10' | 270K |
| CT-1211-DT-PORT | 4 | 1 | 12' | 11' | 150K |
| CT-2411-DT-PORT | 4 | 1 | 24' | 11' | 150K |
| CT-3011-DT-PORT | 4 | 1 | 30' | 11' | 150K |
| CT-6011-DT-PORT | 8 | 3 | 60' | 11' | 270K |
| CT-7011-DT-PORT | 8 | 3 | 70' | 11' | 270K |
| CT-7211-DT-PORT | 8 | 3 | 72' | 11' | 270K |

## Centurion CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| CT-1210-AT-PORT | 4 | 1 | 12' | 10' | 150K |
| CT-2410-AT-PORT | 4 | 1 | 24' | 10' | 150K |
| CT-3010-AT-PORT | 4 | 1 | 30' | 10' | 150K |
| CT-6010-AT-PORT | 8 | 3 | 60' | 10' | 270K |
| CT-7010-AT-PORT | 8 | 3 | 70' | 10' | 270K |
| CT-7210-AT-PORT | 8 | 3 | 72' | 10' | 270K |
| CT-1211-AT-PORT | 4 | 1 | 12' | 11' | 150K |
| CT-2411-AT-PORT | 4 | 1 | 24' | 11' | 150K |
| CT-3011-AT-PORT | 4 | 1 | 30' | 11' | 150K |
| CT-6011-AT-PORT | 8 | 3 | 60' | 11' | 270K |
| CT-7011-AT-PORT | 8 | 3 | 70' | 11' | 270K |
| CT-7211-AT-PORT | 8 | 3 | 72' | 11' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-60xx | CT-70xx | CT-72xx |
|---|---|---|---|---|---|---|
| Actual Scale | 13'-6 1/2" | 25'-6 1/2" | 30' | 60' | 70' | 72' |

Shipping width with frame:
10' wide weighbridge with or without sight rail = 11' - 5" shipping width
11' wide weighbridge with or without sight rail = 12' - 5" shipping width

Scales are shipped fully assembled in portability frame. Load cells are installed and cables are pulled through conduit as much as possible.
12 x 11 = 13,000 lb single lift
24 x 11 = 18,000 lb single lift
30 x 11 = 24,000 lb single lift
60 x 11 = 17,000 lb heaviest lift
72 x 11 = 17,000 lb heaviest lift

# Portable Truck Scale

## Hybrid Self Contained Portable

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Above ground flat top and pit installation
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 80K lb
- “r” Factor Rating: 2.35
- Scale Height: 16"
- Available Widths: 10' - 14'
- Weighbridge Deck: 1/4" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat
- Load Cell: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V
  Stainless steel hermetically sealed (IP68) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating, integral
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year components warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPR-M load cells and summing boards





**Scale includes:** weighbridge modules, fully assembled weighbridge factory assembled into frame, weighbridge checking system, load cells, load cell base plates, shim kit for each base plate, FRP or stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator (CPR-M version), printer, homerun cable, anchors and freight cost to site and any other required permits.

# Portable Truck Scale

## Hybrid CPD-M Digital Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| HY-1210-DT-PORT | 4 | 1 | 12' | 10' | 150K |
| HY-2410-DT-PORT | 4 | 1 | 24' | 10' | 150K |
| HY-3010-DT-PORT | 4 | 1 | 30' | 10' | 150K |
| HY-6010-DT-PORT | 8 | 3 | 60' | 10' | 270K |
| HY-7010-DT-PORT | 8 | 3 | 70' | 10' | 270K |
| HY-7210-DT-PORT | 8 | 3 | 72' | 10' | 270K |
| HY-1211-DT-PORT | 4 | 1 | 12' | 11' | 150K |
| HY-2411-DT-PORT | 4 | 1 | 24' | 11' | 150K |
| HY-3011-DT-PORT | 4 | 1 | 30' | 11' | 150K |
| HY-6011-DT-PORT | 8 | 3 | 60' | 11' | 270K |
| HY-7011-DT-PORT | 8 | 3 | 70' | 11' | 270K |
| HY-7211-DT-PORT | 8 | 3 | 72' | 11' | 270K |



## Hybrid CPR-M Analog Cell - Steel Deck

| Model Number | Cells | Modules | Length | Width | Capacity |
|---|---|---|---|---|---|
| HY-1210-AT-PORT | 4 | 1 | 12' | 10' | 150K |
| HY-2410-AT-PORT | 4 | 1 | 24' | 10' | 150K |
| HY-3010-AT-PORT | 4 | 1 | 30' | 10' | 150K |
| HY-6010-AT-PORT | 8 | 3 | 60' | 10' | 270K |
| HY-7010-AT-PORT | 8 | 3 | 70' | 10' | 270K |
| HY-7210-AT-PORT | 8 | 3 | 72' | 10' | 270K |
| HY-1211-AT-PORT | 4 | 1 | 12' | 11' | 150K |
| HY-2411-AT-PORT | 4 | 1 | 24' | 11' | 150K |
| HY-3011-AT-PORT | 4 | 1 | 30' | 11' | 150K |
| HY-6011-AT-PORT | 8 | 3 | 60' | 11' | 270K |
| HY-7011-AT-PORT | 8 | 3 | 70' | 11' | 270K |
| HY-7211-AT-PORT | 8 | 3 | 72' | 11' | 270K |

| Model Number | CT-12xx | CT-24xx | CT-30xx | CT-60xx | CT-70xx | CT-72xx |
|---|---|---|---|---|---|---|
| Actual Scale | 13'-6 1/2" | 25'-6 1/2" | 30' | 60' | 70' | 72' |

Shipping width with frame:
10' wide weighbridge with or without sight rail = 11' - 5" shipping width
11' wide weighbridge with or without sight rail = 12' - 5" shipping width

Scales are shipped fully assembled in portability frame. Load cells are installed and cables are pulled through conduit as much as possible.
12 x 11 = 13,000 lb single lift
24 x 11 = 18,000 lb single lift
30 x 11 = 24,000 lb single lift
60 x 11 = 17,000 lb heaviest lift
72 x 11 = 17,000 lb heaviest lift

# Portable Truck Scale

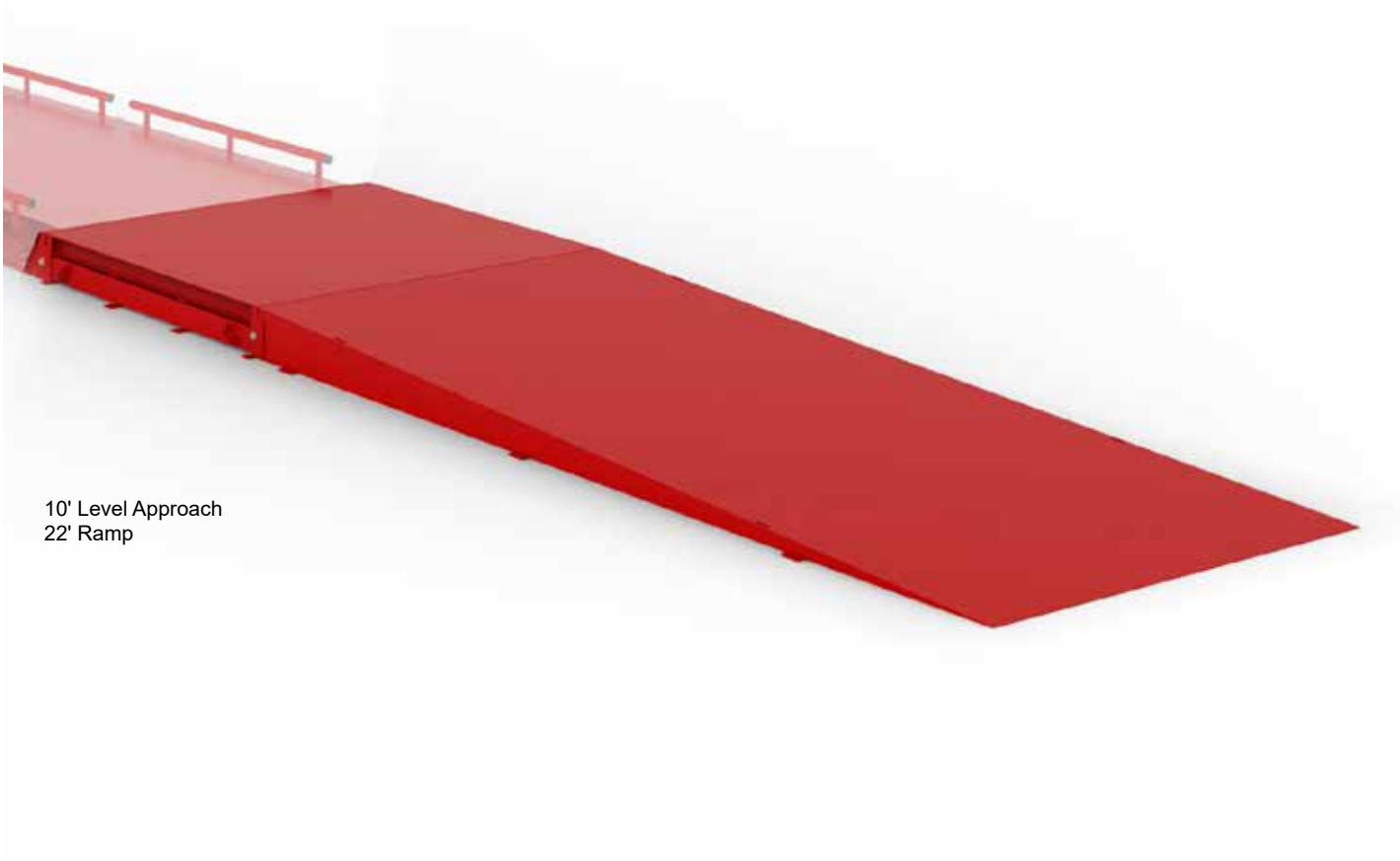
## Centurion / Hybrid Portable Steel Ramp & Steel Level Approach

### RAMP SPECIFICATIONS

- Type: Centurion / Hybrid portable steel ramp designed to be used in conjunction with standard B-TEK bulkhead or level approach
- Ramp Height: 16"
- Available Widths: 10' - 12' (any width by request)
- Available Lengths: 15' - 25' (any length by request)
- Weighbridge Deck: Tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat

### LEVEL APPROACH SPECIFICATIONS

- Type: Centurion / Hybrid portable level approach designed to be used in conjunction with standard B-TEK bulkhead and ramp
- Ramp Height: 16"
- Available Widths: 10' - 12' (any width by request)
- Available Lengths: 10' (any length by request)
- Weighbridge Deck: Tread plate decking w/ integral lifting lugs and lag-down tabs
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat



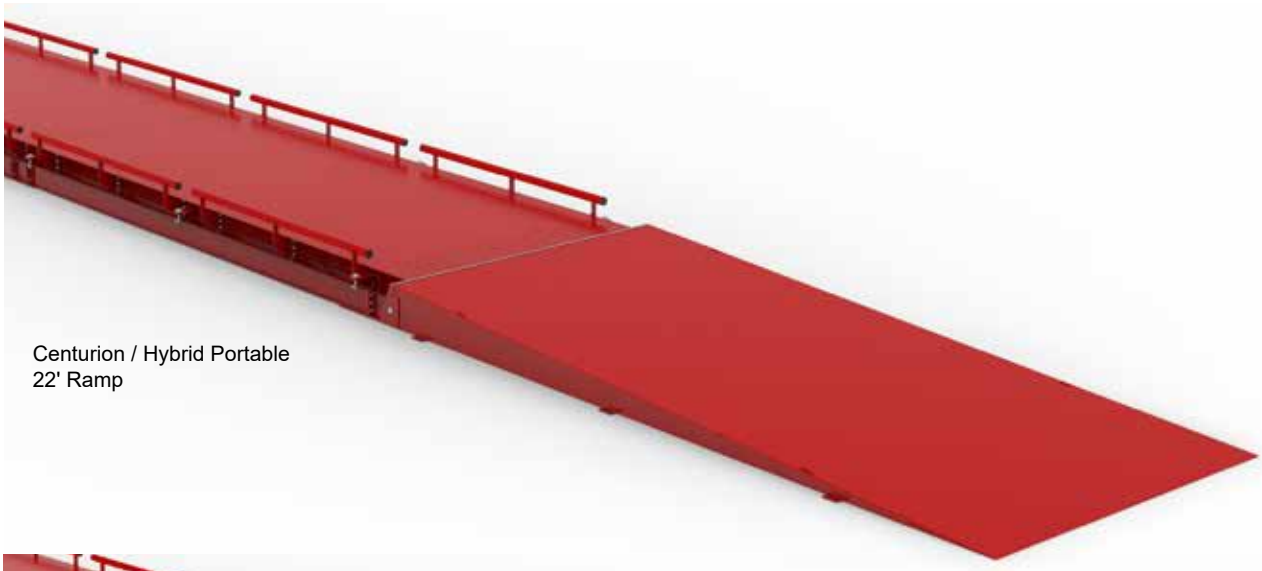
10' Level Approach
22' Ramp

# Portable Truck Scale

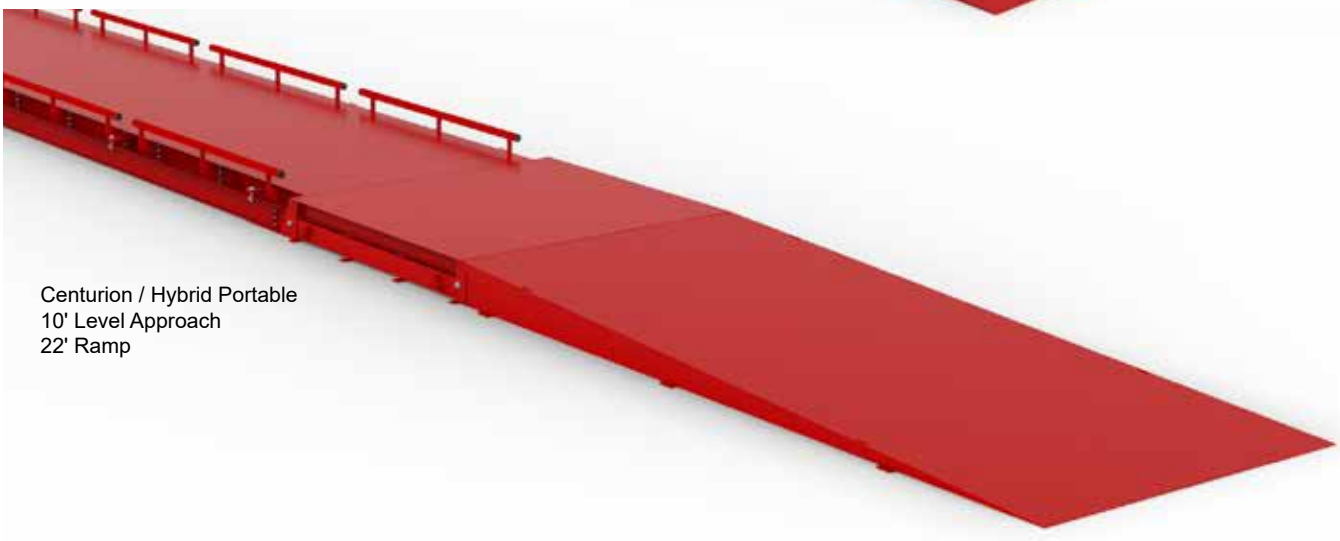
## Centurion / Hybrid Portable Steel Ramp & Steel Level Approach

| Model Number | Length | Width | Weight |
|---|---|---|---|
| PORT-1510-RAMP | 15' | 10' | 4,200 lb |
| PORT-2010-RAMP | 20' | 10' | 5,600 lb |
| PORT-2510-RAMP | 25' | 10' | 7,000 lb |
| PORT-1511-RAMP | 15' | 11' | 4,600 lb |
| PORT-2011-RAMP | 20' | 11' | 6,100 lb |
| PORT-2511-RAMP | 25' | 11' | 7,700 lb |
| PORT-1512-RAMP | 15' | 12' | 5,000 lb |
| PORT-2012-RAMP | 20' | 12' | 6,700 lb |
| PORT-2512-RAMP | 25' | 12' | 8,400 lb |

| Model Number | Length | Width | Weight |
|---|---|---|---|
| PORT-1010-LAPP | 10' | 10' | 3,600 lb |
| PORT-1011-LAPP | 10' | 11' | 4,000 lb |
| PORT-1012-LAPP | 10" | 12" | 4,500 lb |



Centurion / Hybrid Portable
22' Ramp



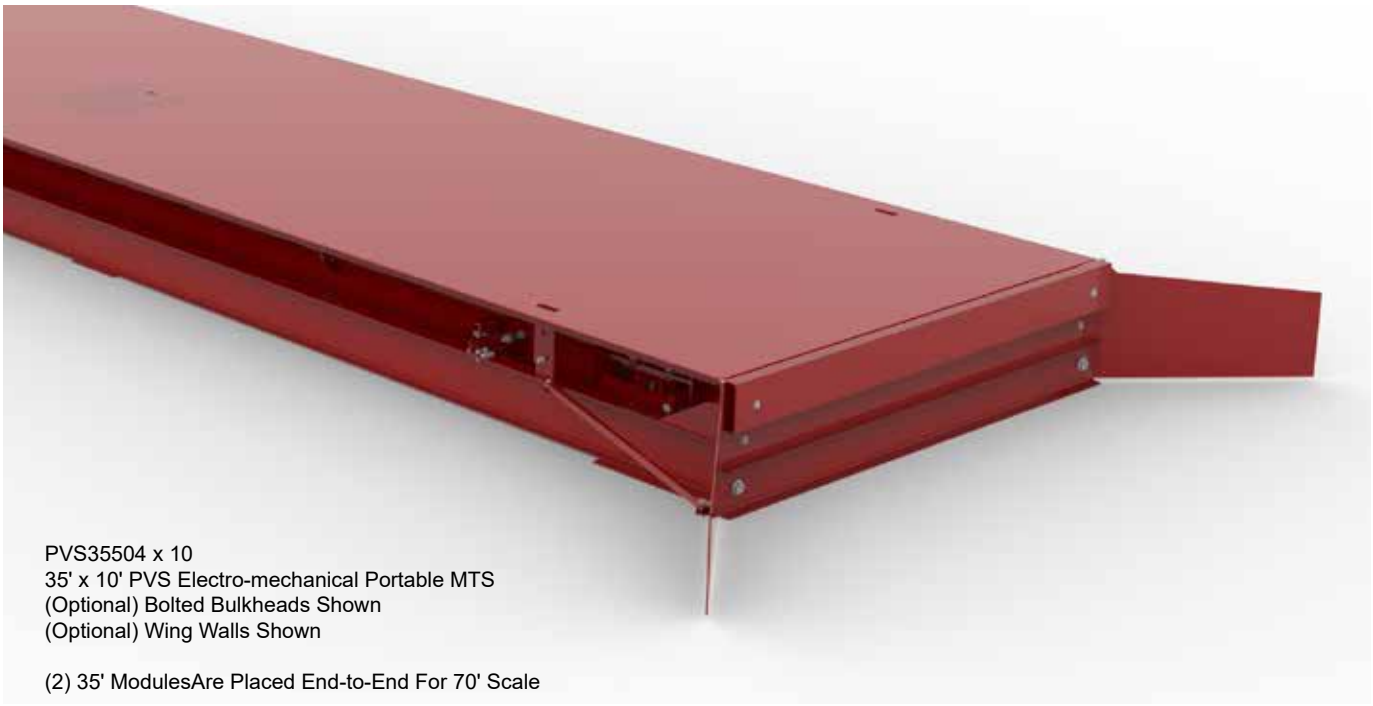
Centurion / Hybrid Portable
10' Level Approach
22' Ramp

# Portable Truck Scale

## Electro-Mechanical - Durline PVS

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 01-079
- Type: Above ground electro-mechanical pipe lever system with full portability frame and (optional) bulkhead assemblies. Full length channel frame with lock-down tabs to tie the weighbridge and frame together for transport without disassembly.
- Scale Capacity: Up to 160,000 lb
- Concentrated Load Capacity: 66,000 lb
- Scale Height: 28"
- Available Widths: 10' - 12'
- Weighbridge Deck: 3/8" tread plate decking - welded to main beams and cross members
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat
- Load Cell: S-Type load cell(s)
  Nickel plated steel, environmentally sealed
- Mechanical: Utilizes parallel link suspension with heavy duty pipe lever system
- Junction Box: NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: Tripp Lite Isobar Ultra 4-Outlet line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship
  5-Year lever system warranty covering defects in materials and workmanship
  1-Year load cell warranty covering defects in materials and workmanship
  18-month pivots, bearings and suspension parts covering defects in materials and workmanship



PVS35504 x 10
35' x 10' PVS Electro-mechanical Portable MTS
(Optional) Bolted Bulkheads Shown
(Optional) Wing Walls Shown

(2) 35' ModulesAre Placed End-to-End For 70' Scale

**Scale includes:** weighbridge modules, weighbridge assembly hardware, full channel frame, load cell, load cell stand, junction box, Tripp Lite Isobar Ultra 4 -outlet surge protection device and (2) order specific scale / foundation prints. 24" x 24" manhole included for access to suspension / lever system.

Weighbridge, frame & (optional) bulkheads ship from factory fully assembled

**Scale does not include:** Foundation anchors, (optional) bulkheads and (optional) gravel retainers, freight cost to site and any other required permits.

# Portable Truck Scale

## Electro-Mechanical - Durline PVS

| Model Number | Cells | Sections | Length | Width | CAP / CLC |
|---|---|---|---|---|---|
| PVS30404 x 10 | 1 | 2 | 30" | 10' | 84K / 56K |
| PVS35504 x 10 | 1 | 2 | 35" | 10' | 84K / 56K |
| PVS60604 x 10 | 2 | 4 | 60" | 10' | 160K / 66K |
| PVS70604 x 10 | 2 | 4 | 70' | 10' | 160K / 66K |
| PVS30404 x 11 | 1 | 2 | 30" | 11' | 84K / 56K |
| PVS35504 x 11 | 1 | 2 | 35" | 11' | 84K / 56K |
| PVS60604 x 11 | 2 | 4 | 60" | 11' | 160K / 66K |
| PVS70604 x 11 | 2 | 4 | 70' | 11' | 160K / 66K |
| PVS30404 x 12 | 1 | 2 | 30" | 12' | 84K / 56K |
| PVS35504 x 12 | 1 | 2 | 35" | 12' | 84K / 56K |
| PVS60604 x 12 | 2 | 4 | 60" | 12' | 160K / 66K |
| PVS70604 x 12 | 2 | 4 | 70' | 12' | 160K / 66K |

**Options**

| |
|---|
| PVS-BH-10 Bolted Bulkheads - set of (2) for 10' wide PVS |
| PVS-BH-11 Bolted Bulkheads - set of (2) for 11' wide PVS |
| PVS-BH-12 Bolted Bulkheads - set of (2) for 12' wide PVS |
| PVS-GR Gravel Retainers (bulkhead wings) set of (4) |

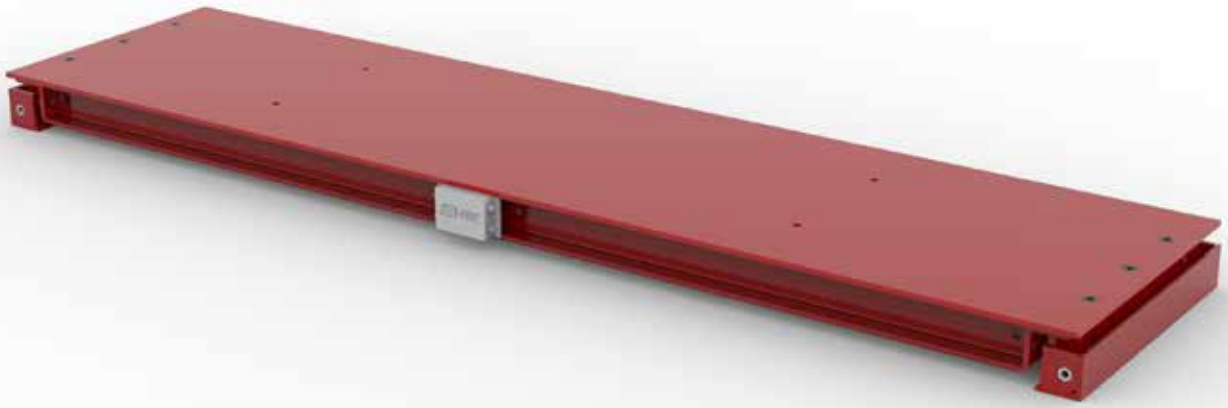
# Portable Truck Scale

## AX200 Portable Axle Scales

### GENERAL SPECIFICATIONS

- Certificate of Conformance: NON-NTEP
- Type: Above ground portable axle scales - optional ramps are detachable
- Scale Capacity: 60,000 lb gross system capacity ( 30,000 lb per platform)
- Scale Platform Length: 7ft, 10ft, 12ft and 14ft
- Scale Height: 6"
- Scale Width: 30"
- Scale Deck: 1/2" tread plate decking - welded to main beams
- Ramp Dimensions: 30" wide x 36" length
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: (2) 25K lb double ended shear beams per platform
  Plated alloy steel, environmentally sealed (IP67)
- Junction Box: Stainless enclosure and gathering card
- Warranty: 1-Year weighbridge warranty covering defects in materials and workmanship
  1-Year load cell warranty covering defects in materials and workmanship





# Portable Truck Scale

## AX200 Portable Axle Scales

| Part Number | Model Number | Length | Width | Weight | Capacity |
|---|---|---|---|---|---|
| 911-5600 | AX200-3084-30 | 7' | 30" | 1,950 lb | 60K |
| 911-5601 | AX200-30120-30 | 10' | 30" | 2,800 lb | 60K |
| 911-5602 | AX200-30144-30 | 12' | 30" | 3,600 lb | 60K |
| 911-5603 | AX200-30168-30 | 14' | 30" | 4,600 lb | 80K |
| | | | | | |
| 911-5650 | AX200-RAMP (1) | 36" | 30" | 270 lb | |
| **Parts** | | | | | |
| 812-100167 | SLS-25K DOUBLE ENDED BEAM LOAD CELL<br>Alloy Steel - 2.00 mV/V - 30' Cable | | | | |





30" x 84" shown with optional ramps

# Portable Truck Scale

## AX300 Portable Axle Scales

### GENERAL SPECIFICATIONS

- Certificate of Conformance: NON-NTEP
- Type: Above ground portable axle scale - optional ramps are detachable
- Scale Capacity: 60K lb gross system capacity
- Scale Platform Length: 84" and 120" (custom platform length available)
- Scale Height: 6"
- Scale Width: 108" and 120" (custom platform width available)
- Scale Deck: 1/2" tread plate decking - welded to main beams
- Ramp Dimensions: 108 and 120" wide x 36" length (custom available)
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: (4) 25K lb double ended shear beams per platform
  Plated alloy steel, environmentally sealed (IP67)
- Junction Box: Stainless enclosure and gathering card
- Warranty: 1-Year weighbridge warranty covering defects in materials and workmanship
  1-Year load cell warranty covering defects in materials and workmanship



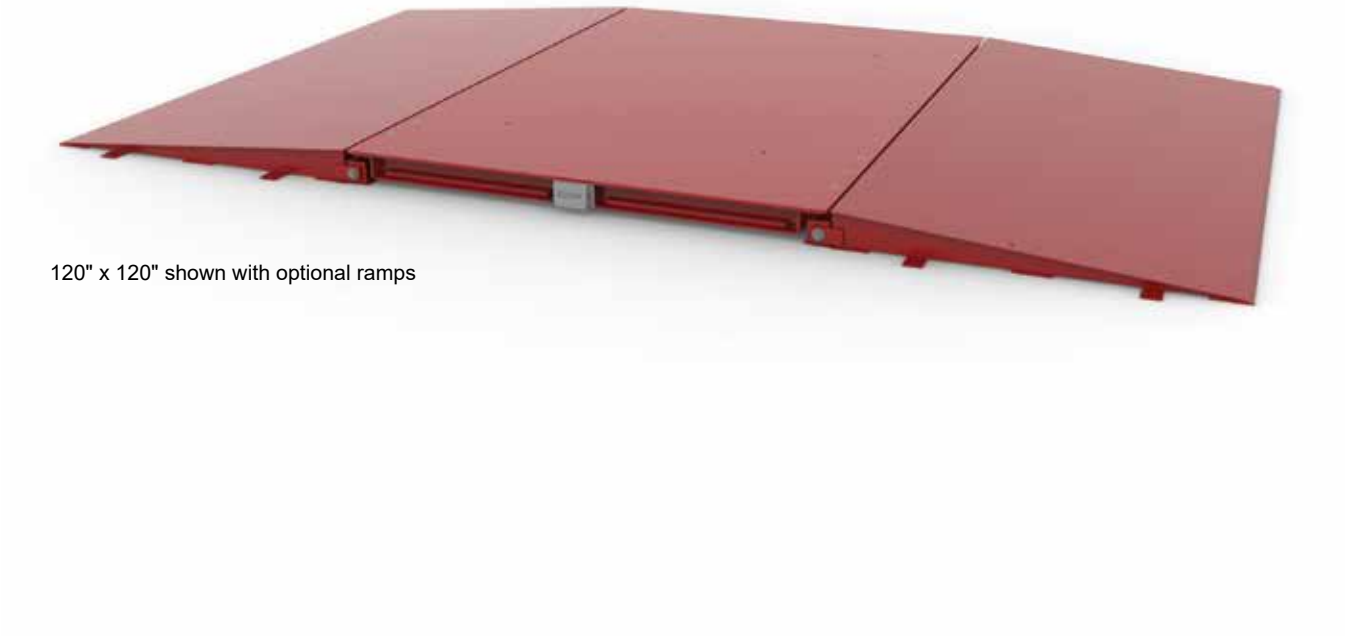


# Portable Truck Scale

## AX300 Portable Axle Scales

| Part Number | Model Number | Length | Width | Weight | Capacity |
|---|---|---|---|---|---|
| 911-5700 | AX300-10884-60 | 9' | 7' | 2,600 lb | 60K |
| 911-5701 | AX300-108120-60 | 9' | 10' | 3,900 lb | 60K |
| 911-5702 | AX300-120120-60 | 10' | 10' | 4,300 lb | 60K |
| | | | | | |
| 911-5750 | AX300-10836-RAMP (1) | 9' | 36" | 1,600 lb | |
| 911-5751 | AX300-12036-RAMP (1) | 10' | 36" | 1,800 lb | |
| **Parts** | | | | | |
| 812-100167 | SLS—25K Double Ended Beam Load Cell<br>Alloy Steel - 2.00 mV/V - 30' Cable | | | | |





120" x 120" shown with optional ramps

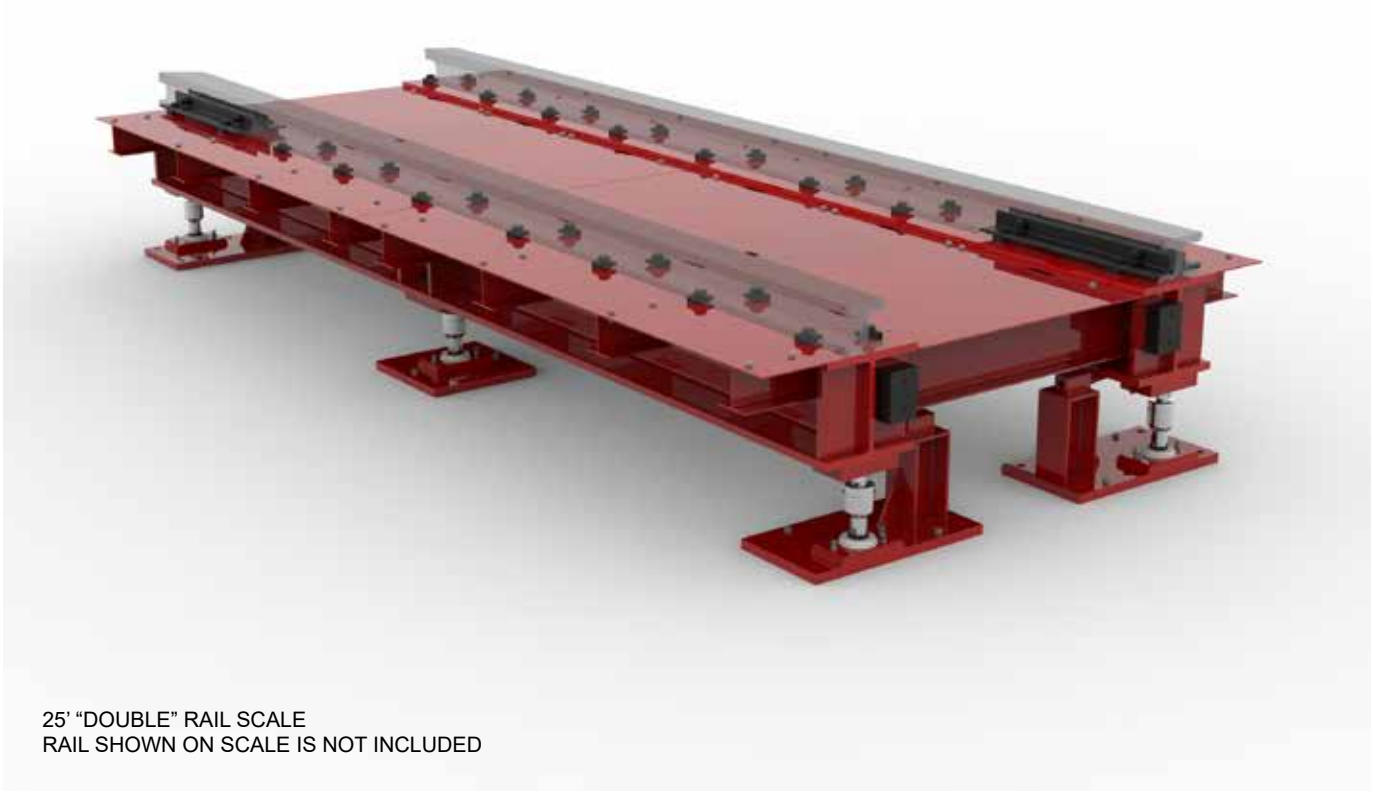
# Rail Track Scales

## BT-RS Series - Low Profile Rail Scale
## Digital - AAR and AREMA Weighbridge Design

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 95-180A1
- Type: Low Profile - Meets AAR and AREMA standards
- Scale Capacity: 170K to 340K lb
- Scale Sectional Capacity: 170K lb
- Concentrated Load Capacity: 170K lb
- Scale Height: 30" - plus height of rail (supplied by others)
- Weighbridge Deck: 1/4" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 110K CPD-M digital compression column load cell, RS-485 digital output
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Built-in surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet AC line transient protection device and two in-line serial port surge protection devices
- Warranty: 5-Year weighbridge & CPD-M load cell warranty covering defects in materials and workmanship
  5-Year surge / lightning warranty covering CPD-M load cells and junction box(es)
  ( Parts only - does not include travel or labor expenses )
- Indicator: Supplied with a DD 700 ABS desk-top digital indicator

**CPR-M 110K analog compression column load cell also available**



25' "DOUBLE" RAIL SCALE
RAIL SHOWN ON SCALE IS NOT INCLUDED

# Rail Track Scales

## BT-RS Series - Low Profile Rail Scale
## Digital - AAR and AREMA Weighbridge Design

### Rail Above Deck

| Model Number | Type | Live Rail Sizes | Capacity | Sectional Capacity |
|---|---|---|---|---|
| BT-150-170-SRS-RA-CPD | Single | 12' 6" | 170K | 170K |
| BT-300-340-DRS-RA-CPD | Double | 25' | 340K | 170K |
| BT-150/150-340-SSRS-RA-CPD | Single-Single | (2) 12' 6" | 340K | 170K |
| BT-150/300-340-SDRS-RA-CPD | Single-Double | 12' 6"/25' | 340K | 170K |
| BT-300/300-340-DDRS-RA-CPD | Double-Double | (2) 25' | 340K | 170K |

### Rail Flush with Top of Deck

| Model Number | Type | Live Rail Sizes | Capacity | Sectional Capacity |
|---|---|---|---|---|
| BT-150-170-SRS-RA-CPD-F | Single | 12' 6" | 170K | 170K |
| BT-300-340-DRS-RA-CPD-F | Double | 25' | 340K | 170K |
| BT-150/150-340-SSRS-RA-CPD-F | Single-Single | (2) 12' 6" | 340K | 170K |
| BT-150/300-340-SDRS-RA-CPD-F | Single-Double | 12' 6"/25' | 340K | 170K |
| BT-300/300-340-DDRS-RA-CPD-F | Double-Double | (2) 25' | 340K | 170K |

**Scale Includes:**
Weighbridge with standard welded cross members**, tread-plate deck covers (bolted) between the rails for foot traffic only, load cells, junction box(es), load cell base plates, bolted rail clips specific for rail size specified, anchor bolts (J-Type) for load cell mounting plates and checking stands, anchor bolt hardware, anti-creep brackets with hardware, checking system with hardware and DD 700 ABS indicator if digital cells supplied.

**Scale Does NOT Include:**
Rail for mounting on the weighbridge / approach assemblies and machine grout for pouring under load cell and checking base plates.

### Options

| | |
|---|---|
| **25' Rail Plate End Approach Kit:** | 28" x 11" x 3/4" rail plates, anchor bolts with washers & nuts, rail clips and anti-creep devices |
| **50' Rail Plate End Approach Kit:** | 28" x 11" x 3/4" rail plates, anchor bolts with washers & nuts, rail clips and anti-creep devices |
| **Intermediate Rail Plate Approach Kit: Specify Length - Price Per Foot** | 28" x 11" x 3/4" rail plates, anchor bolts with washers & nuts, rail clips and anti-creep devices |
| **25' T-Beam End Approach Kit:** | T-Beams, Pandrol weld-on rail clips and anti-creep devices |
| **50' T-Beam End Approach Kit:** | T-Beams, Pandrol weld-on rail clips and anti-creep devices |
| **Intermediate T-Beam Approach Kit: Specify Length - Price Per Foot** | T-Beams, Pandrol weld-on rail clips and anti-creep devices |
| **** Bolted cross members in scale weighbridges** | Sometimes required when Norfolk Southern is the servicing railroad |

# Rail Track / Truck Scale

## BT-RS Series - Rail Track / Truck Scale
## Rail / Truck Combo Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 02-134A3
- Type: Pit type Rail / Truck Combination Scale - Meets AAR and AREMA standards
- Scale Capacity: 400K lb
- Scale Sectional Capacity: 360K lb
- Concentrated Load Capacity: 100K lb (Truck / Vehicle Portion)
- Weighbridge Deck: Concrete decking standard with optional steel deck panels
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 200K compression column load cells<br>Stainless steel, hermetically sealed (IP68)
- Load Cell Cable: 30' polyurethane coated cable
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: Tripp Lite Isobar Ultra 4-Outlet line transient protection device and scale grounding package
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship<br>2-Year components warranty covering defects in materials and workmanship





COMBINATION RAIL / TRUCK SCALE
CONCRETE DECK
RAIL SHOWN ON SCALE IS NOT INCLUDED

# Rail Track / Truck Scale

## BT-RS Series - Rail Track / Truck Scale
## Rail / Truck Combo Scale

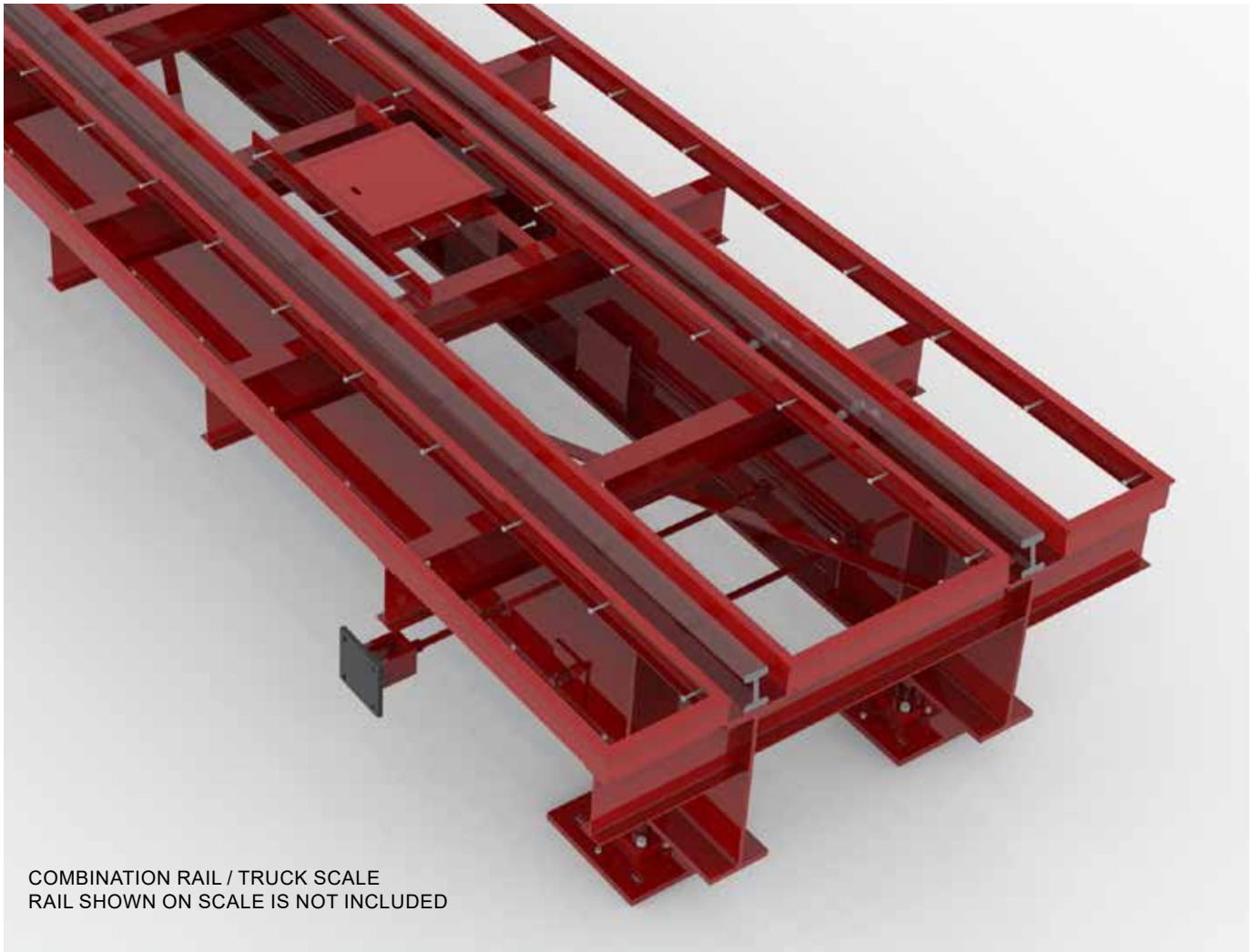
**Rail / Truck Combination Scales are quoted based on specific application requirement.**

**Weighbridges and complete scales to fit existing foundations.**

**Concrete or steel deck panel versions available.**

**Please contact B-TEK for quote.**





COMBINATION RAIL / TRUCK SCALE
RAIL SHOWN ON SCALE IS NOT INCLUDED

## Options & Accessories

| SIGHT RAIL | Color | Description |
|---|---|---|
| TS-SR-SP-8H-R<br>TS-SR-SP-8H-SY | Red<br>Yellow | Single 3.5” O.D. schedule 40 pipe bolted to weighbridge at factory. Price includes both sides of scale. 8” top of deck to top of pipe. |
| TS-SR-SP-12H-R<br>TS-SR-SP-12H-SY | Red<br>Yellow | Single 3.5” O.D. schedule 40 pipe bolted to weighbridge at factory. Price includes both sides of scale. 12” top of deck to top of pipe. |
| TS-SR-SP-24H-R<br>TS-SR-SP-24H-SY | Red<br>Yellow | Single 3.5” O.D. schedule 40 pipe bolted to weighbridge at factory. Price includes both sides of scale. 24” top of deck to top of pipe. |
| TS-SR-DP-24H-R<br>TS-SR-DP-24H-SY | Red<br>Yellow | DOUBLE 3.5” O.D. schedule 40 pipes bolted to weighbridge at factory. Price includes both sides of scale. 24” top of deck to top of pipe. |



SINGLE SIGHT RAIL



DOUBLE SIGHT RAIL

# Motor Truck Scales

## Options & Accessories

| RISER | Height | Description |
|---|---|---|
| TS-RISER-2<br>TS-RISER-4<br>TS-RISER-6 | 2"<br>4"<br>6" | Load cell raised off base plate, increasing under scale clearance and overall scale height.<br>Riser fabricated into load cell base plate assembly at factory.<br>Priced per cell. |

| MAN HOLE | Size | Description |
|---|---|---|
| TS-MANHOLE | 24" x 24" | Access manhole with cover plate for concrete or steel deck scales. |

| RUB RAIL | Color | Description |
|---|---|---|
| TS-RUB RAIL | Red | 8” x 4” x 1/2” angle welded to top of weighbridge at factory. Price includes both sides of scale. |

| | |
|---|---|
| **TS-GALVANIZED** | Weighbridge and stands hot dip galvanized. Centurion fixture built weighbridge without manholes only. |
| **TS-PAINT COLOR** | Custom match any requested paint color for scale. Requires Pantone® or RAL color code for match. |
| **TS-COAL TAR EPOXY** | Epoxy paint for underside of scale weighbridge only. Provides a durable and enhanced corrosion protective coating for pit installed scales. |
| **TS-DEALER DECAL** | Vinyl Decal (white letters) with dealer name and phone number. Adhered to one side of scale module. |
| **TS-PREWIRE** | Centurion-DT or Hybrid-DT only. Load cell cables and ground straps installed at factory. |
| **TS-WARR-10** | Extended Warranty - Centurion-DT only. Standard 5-Year end-wall to end-wall warranty extended an additional 5-Years for a total warranty coverage period of 10 years. |
| **DIGITAL INDICATOR UPGRADE** | Upgrade from DD700 to any DD Series Indicator. |

# Motor Truck Scales

## Options and Accessories

| CATWALK | Length | Description |
|---|---|---|
| TS-CATWALK-5 | 5' | Catwalk with handrail and kick-plate, 30” width - can be attached to sight rail on side of weighbridge with no ground contact or supplied legs for surface mounting. |
| TS-CATWALK-10 | 10' | |
| TS-CATWALK-15 | 15' | |
| TS-CATWALK-20 | 20' | |
| TS-CATWALK-25 | 25' | |
| TS-CATWALK-30+ | 30+' | Catwalk with handrail and kick-plate, 30” width - can be attached to sight rail on side of weighbridge with no ground contact or supplied legs for surface mounting. PRICED PER FOOT. |

| | |
|---|---|
| **TS-CATWALK-STAIRS** | Catwalk stairs with handrail and kick-plate, 30” width - can be attached to hanging catwalk with no ground contact or supplied legs for surface mounting. (4 step maximum) |



# Motor Truck Scales

## Options and Accessories

| END-WALL COPING | Length | Description |
|---|---|---|
| TS-EWC-10-CT/HY<br>TS-EWC-11-CT/HY<br>TS-EWC-12-CT/HY | 10'<br>11'<br>12' | End-Wall coping PAIR with integral bumper plates, 1/4” x 3” x 3” angle w/ nelson studs. Centurion & Hybrid foundations only. |
| **TS-CHECKING PLATE-NS** | | 6” x 6” single end-wall checking plate w/ nelson studs - for installation during new foundation end-wall pour. |
| **TS-CHECKING PLATE-WL** | | 6” x 6” single end-wall checking plate w/ corner holes - for lagging to existing end-wall with wedge anchors (not included). |
| **TS-COPING-PIT WALL** | | 1/4” x 3” x 3” angle with nelson studs - for use installing / replacing the perimeter (top) of a pit foundation, typically ships 10’ & 20’ lengths. PRICED PER FOOT. |
| **TS-COPING-SCALE** | | 6” C-Channel with nelson studs and 1/2” stone strip - for use replacing the 6” concrete deck of an existing Pit Type weighbridge, typically ships 10’ & 20’ lengths. |
| **TS-DECK TIN** | | 22-24 gage corrugated steel supplied in 132” x 38” sheets, approximately 45 lb per sheet<br>For use with concrete deck Heavy Duty Side Rail and Pit Type. PRICE PER SHEET. |
| **TS-DECK REBAR** | | #4 rebar supplied in 20’ lengths (price per 20’ piece), approximately 13.5 lb per piece<br>For use with concrete deck Heavy Duty Side Rail and Pit Type. |
| **TS-TIN/REBAR INSTALL** | | Factory installation of deck tin and rebar in concrete deck weighbridge<br>For use with concrete deck Heavy Duty Side Rail and Pit Type. PRICE PER SQ/FT. |
| 873-000004 | | Foundation Wedge Anchor - ¾” x 7” zinc plated. |
| 900-100000 | | T-Grip “Barbed” rubber belting gap cover. PRICE PER FOOT OR 143' FOR FULL ROLL. |

## Scale Replacement Parts

| Part Number | Description |
|---|---|
| 899-100000 | CPD-M Digital Load Cell junction box, NEMA 4X stainless steel enclosure w/ 8-cell gathering card and breather vent. |
| 200-60058 | 77K dummy load cell, column is solid steel and can be used to initially set / support any weighbridge that uses CPD-M or CPR-M 77K load cells. |
| 200-61804 | 110K dummy load cell, column is solid steel and can be used to initially set / support any weighbridge that uses CPD-M or CPR-M 110K load cells. |
| 200-61687 | Poly block checking replacement kit with mild steel spacer plate, mild steel shims, nuts, bolts, washers - priced per each poly block. |
| 200-61687-1 | Poly block checking replacement kit with 304 stainless steel spacer plate, stainless steel shims, nuts, bolts, washers. PRICED PER EACH POLY BLOCK. |
| 100-61586 | Poly block checking replacement - poly block only. PRICED PER EACH POLY BLOCK. |
| 100-62003 | Poly block checking shim - 1/8" thick, mild steel, two slots. |
| 100-62002 | Poly block checking shim - 1/4" thick, mild steel, two slots. |
| 100-62003-1 | Poly block checking shim - 1/8" thick, 304 stainless steel, two slots. |
| 100-62002-1 | Poly block checking shim - 1/4" thick, 304 stainless steel, two slots. |
| **CT-END-BASE** | Centurion / Hybrid end-section base plate with checking tower, standard anchor hole positions, new style circle shim receiver. |
| **CT-MID-BASE** | Centurion / Hybrid middle-section base plate, standard anchor hole positions, new style circle shim receiver. |
| **CT-END-BASE-RETRO** | Centurion / Hybrid end-section base plate with checking tower, standard and extra anchor hole positions, new style circle shim receiver. |
| **CT-MID-BASE-RETRO** | Centurion / Hybrid middle-section base plate, standard and extra anchor hole positions, new style circle shim receiver. |
| **CT-END-BASE-RECT** | Centurion / Hybrid end-section base plate with checking tower, standard anchor hole positions, old style rectangle shim bolt holes. |
| **CT-MID-BASE-RECT** | Centurion / Hybrid middle-section base plate, standard anchor hole positions, old style rectangular shim bolt holes. |
| 200-67492 | Centurion / Hybrid end-section base plate with checking tower, standard and extra anchor hole positions, old style rectangle shim bolt holes. |
| 400-200538 | Centurion / Hybrid middle-section base plate, standard and extra anchor hole positions, old style rectangle shim bolt holes. |
| 200-601257 | CT/HY/EDR module connection bolt, nut, washer kit - two kits required per section. |
| 200-60079 | Copper buss bar with bolt, nut, washer kit. |
| 100-60069 | Centurion forged center deck panel clip. |
| **SHCS.5-13X1.5-SS-18-8** | CT center deck panel socket head cap screw SS - 1/2" - 13 x 1.5" |
| **HCS.5-13X1.25-SS-18-8** | CT/HY/EDR section cover plate hex bolt SS - 1/2" - 13 x 1.25" |
| **USSFW.5-CS-GR8-ZN-Y** | CT/HY/EDR section cover plate flat washer CS - 1/2" |

## Scale Replacement Parts

| Part Number | Description |
|---|---|
| **TS-SR-SP-8H-REPL** | REPLACEMENT SIGHT RAIL: Single section of 8” tall single pipe bolt-on sight rail - lengths ranging from 8’ to 11’-6” - red or safety yellow paint - specify scale S/N or MFG job number when placing order |
| **TS-SR-SP-12H-REPL** | REPLACEMENT SIGHT RAIL: Single section of 12” tall single pipe bolt-on sight rail - lengths ranging from 8’ to 11’-6” - red or safety yellow paint - specify scale S/N or MFG job number when placing order |
| **TS-SR-SP-24H-REPL** | REPLACEMENT SIGHT RAIL: Single section of 24” tall single pipe bolt-on sight rail - lengths ranging from 8’ to 11’-6” - red or safety yellow paint - specify scale S/N or MFG job number when placing order |
| **TS-SR-DP-24H-REPL** | REPLACEMENT SIGHT RAIL: Single section of 24” tall double pipe bolt-on sight rail - lengths ranging from 8’ to 11’-6” - red or safety yellow paint - specify scale S/N or MFG job number when placing order |
| | |
| 200-600615 | CT SECTION COVER: Full width single piece end section cover plate 3/8”x19”x132” |
| 200-600614 | CT SECTION COVER: Full width single piece middle section cover plate 3/8”x10-5/8”x132” |
| 200-601261 | CT SECTION COVER: Full width single piece end section cover plate 1/2”x19”x132” |
| 200-601262 | CT SECTION COVER: Full width single piece middle section cover plate 1/2”x10-5/8”x132” |
| 200-600617 | CT SECTION COVER: Full width single piece end section cover plate 3/8”x19”x120” |
| 200-600616 | CT SECTION COVER: Full width single piece middle section cover plate 3/8”x10-5/8”x120” |
| 200-601250 | HY SECTION COVER: Full width single piece end section cover plate 1/4”x19”x132” |
| 200-600923 | HY SECTION COVER: Full width single piece middle section cover plate 1/4”x10-5/8”x132” |
| | |
| 200-601122 | CT 11’ WIDE SCALE: Short end section cover plate 3/8”x19”x38” |
| 200-601123 | CT 11’ WIDE SCALE: Long end section cover plate 3/8”x19”x56” |
| 200-601255 | CT 11’ WIDE SCALE: Long middle section cover plate 3/8”x10-5/8”x75-13/16” |
| 200-601256 | CT 11’ WIDE SCALE: Short middle section cover plate 3/8”x10-5/8”x56-3/16” |
| 200-600789 | CT 11’ WIDE SCALE: Center trap door deck cover panel 3/8”x11-1/4”x89-1/4” |
| | |
| 200-600298 | CT COVER PLATE SUPPORT CHANNEL: End section (2-hole) w/weld nuts 15-5/16” |
| 200-600299 | CT COVER PLATE SUPPORT CHANNEL: Middle section (1-hole) w/weld nuts 5-3/4” |

# CPD-M and CPR-M Load Cells

## Compression Column

## B-TEK CPD-M
## Digital Compression Column

Digital, Stainless Steel Load Cell

### Specifications

**NTEP COC:** 03-072
**Full Scale Output:** RS-485 Digital Output
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C Operating -22°F to 158°F / -30°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V maximum)
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Housing Seal:**
Hermetically sealed - IP68/69K
**Connector Seal:** Glass to metal seal - IP68
**Cable Protection:** Poly coated stainless steel braided sheath
**Cable Length:** Detachable cable lengths - 16 ft / 40 ft / 60 ft







**Upper Receiver**

## B-TEK CPR-M
## Analog Compression Column

Analog, Stainless Steel Load Cell

### Specifications

**NTEP COC:** 04-098A1
**Full Scale Output:** 2 mV/V
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C Operating -22°F to 158°F / -30°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (18V maximum)
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Housing Seal:** Hermetically sealed - IP68
**Cable Protection:** Poly coated stainless steel braided sheath
**Cable Length:** Integral - 60 ft



**Load Cell**



**Debris Ring**

**Anti-Rotating Pin**



**Lower Receiver**



**Isolation Disc**

# CPD-M and CPR-M Load Cells

## Compression Column

| Part Number | Description |
|---|---|
| 899-500012 | B-TEK CPD-M Digital Load Cell - 44K |
| 899-500000 | B-TEK CPD-M Digital Load Cell - 77K |
| 899-500002 | B-TEK CPD-M Digital Load Cell - 110K |
| 899-500013 | B-TEK CPR-M Analog Load Cell - 44K |
| 899-500004 | B-TEK CPR-M Analog Load Cell - 77K |
| 899-500003 | B-TEK CPR-M Analog Load Cell - 110K |
| **Load Cell Cables** | |
| 899-100004 | 16’ Poly Coated Stainless Sheathed CPD-M Cable |
| 899-100003 | 40’ Poly Coated Stainless Sheathed CPD-M Cable |
| 899-100002 | 60’ Poly Coated Stainless Sheathed CPD-M Cable |
| 899-100126 | 100" Poly Coated Stainless Sheathed CPD-M Cable |
| **Parts** | |
| 899-100035 | CPD / CPR 77K Complete Mounting Parts Kit - Rectangle Shim |
| 899-100160 | CPD / CPR 77K Complete Mounting Parts Kit - Round Shim |
| 899-100029 | CPD / CPR Copper “Y” Ground Strap |
| 899-100020 | CPD / CPR 77K Upper Receiver Mount |
| 899-100021 | CPD / CPR 77K & 110K Foam Debris Ring |
| 899-100022 | CPD / CPR 77K Lower Receiver Mount |
| 899-100023 | CPD / CPR 77K Isolation Disc |
| 899-100040 | CPD / CPR 77K Centering Plate |
| 100-61071 | CPD / CPR Rectangular Galvanized Shim Plate - 1/8” Thick |
| 100-66458-2 | CPD / CPR 4.75” Round Galvanized Shim Plate - 1/16” Thick |
| 100-66458 | CPD / CPR 4.75” Round Galvanized Shim Plate - 1/8” Thick |
| 899-100025 | CPD / CPR Anti-Rotation Pin (M6 x 30) |
| 899-100046 | CPD / CPR Anti-Rotation Pin (3/8” x 1-1/2”) |
| 899-100050 | CPD / CPR Anti-Rotation Pin (8mm x 30 mm) |
| **Parts** | |
| 899-100036 | CPD / CPR 110K Complete Mounting Parts Kit - Rectangle Shim |
| 899-100029 | CPD / CPR Copper “Y” Ground Strap |
| 899-100042 | CPD / CPR 110K Upper Receiver Mount |
| 899-100021 | CPD / CPR 77K & 110K Foam Debris Ring |
| 899-100043 | CPD / CPR 110K Lower Receiver Mount |
| 899-100039 | CPD / CPR 110K Isolation Disc |
| 899-100041 | CPD / CPR 110K Centering Plate |
| 100-61071 | CPD / CPR Rectangular Galvanized Shim Plate - 1/8” Thick |
| 899-100025 | CPD / CPR Anti-Rotation Pin (M6 x 30) |
| 899-100046 | CPD / CPR Anti-Rotation Pin (3/8” x 1-1/2”) |
| 899-100050 | CPD / CPR Anti-Rotation Pin (8mm x 30 mm) |
| **CPD-M / CPR-M Cell Tools** | |
| 899-100026 | CPD-M & CPR Load Cell Leveling Tool |
| 899-100017 | CPD-M Digital Load Cell Simulator Box |
| 200-60058 | CPD / CPR 77K Dummy Cell |
| 200-61804 | CPD / CPR 110K Dummy Cell |

# Junction Box Conversion Kit

## DILINK Digital System
## Analog Load Cell - Digital Conversion Kit

### GENERAL SPECIFICATIONS

- Stainless steel environmentally sealed housing
- Converts any analog load cell to digital
- Provides long term measurement stability
- Provides transient protection
- 8-Cell analog to digital conversion in single DILINK box
- Multiple DILINK boxes can be connected
- Replaces conventional junction box / summing card
- Scale adjustments made at indicator
- RS-485 communication output eliminates interference
- Connects to any B-TEK digital indicator
- Simplifies scale calibration
- Individual cell readings can be viewed





| Part Number | Description |
|---|---|
| 899-260000 | 8-Cell DILINK Conversion Kit |
| | (1) DILINK Analog to Digital Converter<br>(1) DD 700 ABS digital desktop indicator<br>(1) 50' homerun cable with integral DB15 connector<br>(1) RS-232 port surge protection device<br>(1) RS-422 port surge protection device<br>(1) Tripp Lite Isobar Ultra 4-Outlet line transient protection device |
| 899-260001 | 10 to12-Cell DILINK Conversion Kit |
| | (2) DILINK Analog to Digital Converter<br>(1) DD 700 ABS digital desktop indicator<br>(1) 50' homerun cable with integral DB15 connector<br>(1) 70' interconnect cable between DILINK boxes<br>(1) RS-232 port surge protection device<br>(1) RS-422 port surge protection device<br>(1) Tripp Lite Isobar Ultra 4-Outlet line transient protection device |

**Parts**

| | |
|---|---|
| 899-100028 | DILINK Analog to Digital Converter |

**Optional Indicators**

DD 700ic stainless digital indicator

# Junction Box Conversion Kit

## DILINK Digital System
## Analog Load Cell - Digital Conversion Kit

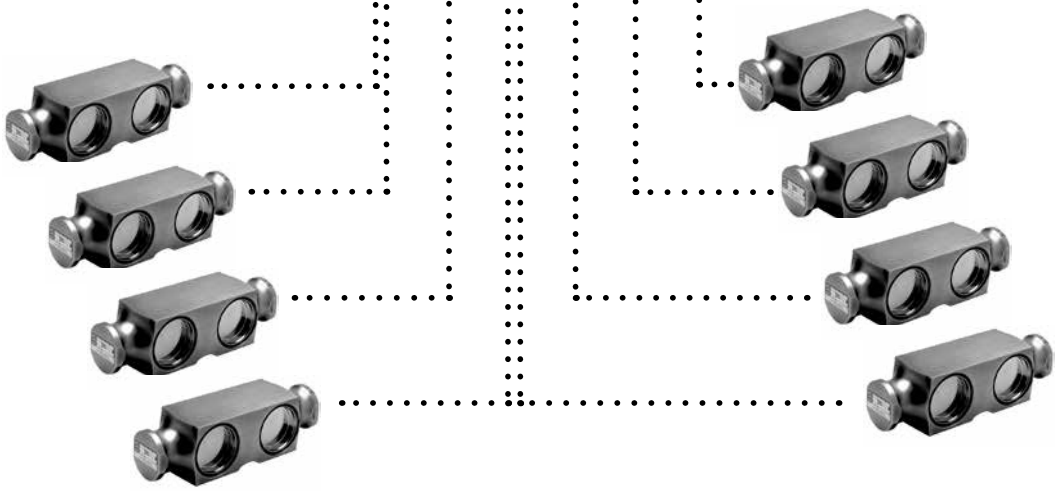
B-TEK DD700 Digital Indicator




RS-485



DILINK Digital Conversion Box

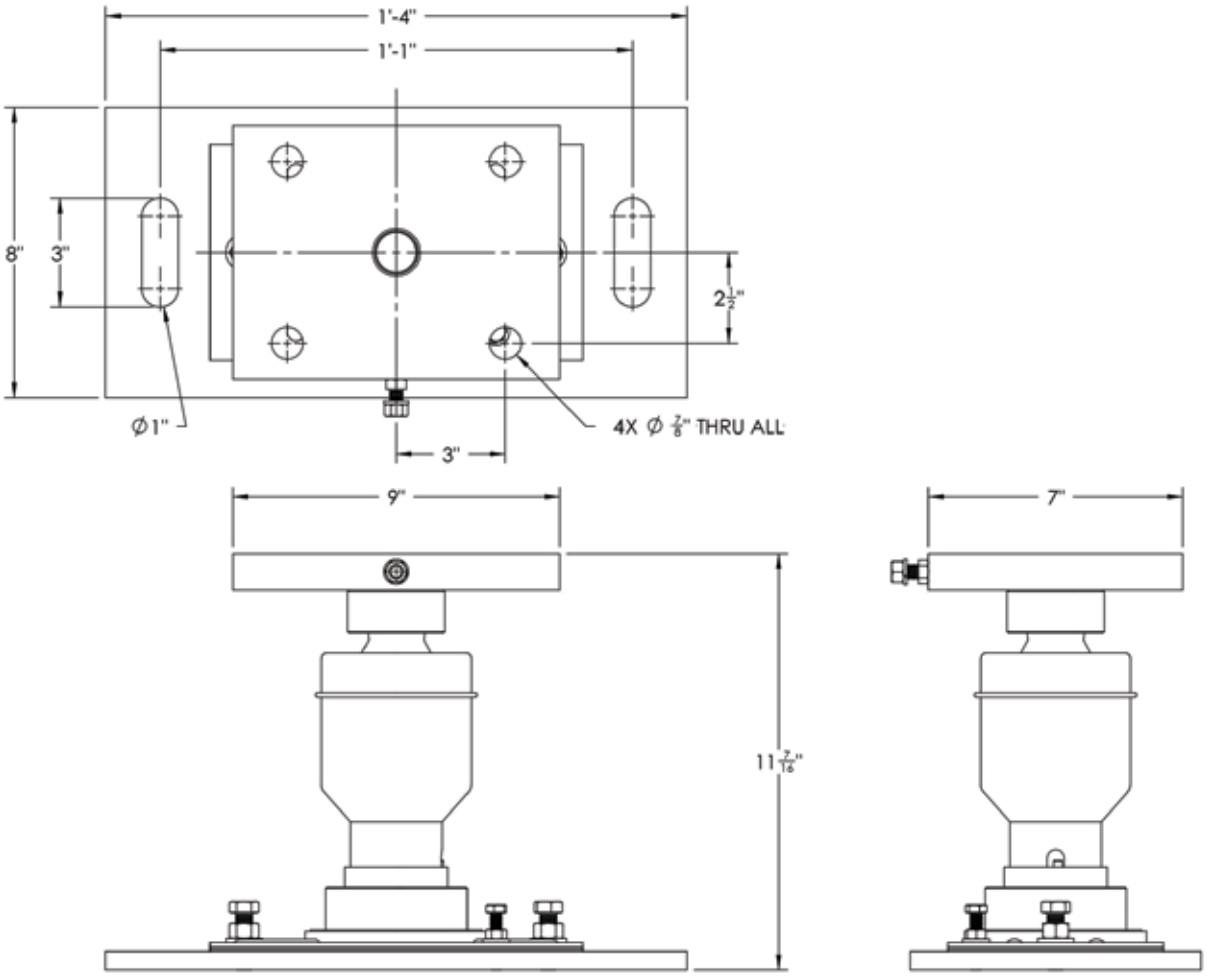


# Load Cell Conversion Kit

## Primary Digital Systems (PDS)
## Digital Cell - MTS Conversion Kit

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-072 (CPD-M Load Cell)
- Cell Capacity: 77K lb
- Load Cell: CPD-M digital rocker column load cell
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: Stainless NEMA 4X enclosure with internal toolless cable connectors
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-outlet surge protection device
- Warranty: 5-Year parts only replacement warranty against general failure or lightning damage on CPD-M load cells
  2-Year parts only replacement warranty against general failure on indicator, junction box and load cell cables
- Indicator: *Supplied with a DD 700 ABS desktop digital indicator*



# Load Cell Conversion Kit

## Primary Digital Systems (PDS)
## Digital Cell - MTS Conversion Kit

| Part Number | Description |
|---|---|
| 899-200004 | 4-Cell Primary Digital System Conversion Kit |
| | (4) CPD-M Digital load cells with top and bottom mounting plates<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-200006 | 6-Cell Primary Digital System Conversion Kit |
| | (6) CPD-M Digital load cells with top and bottom mounting plates<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-200008 | 8-Cell Primary Digital System Conversion Kit |
| | (8) CPD-M Digital load cells with top and bottom mounting plates<br>(2) 60' stainless sheathed load cell cable with poly coating<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-200010 | 10-Cell Primary Digital System Conversion Kit |
| | (10) CPD-M Digital load cells with top and bottom mounting plates<br>(4) 60' stainless sheathed load cell cable with poly coating<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(2) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |

***** (1) 8 ft copper ground rods are required (not supplied) for proper installation***

***Rocker column load cells require end wall and side-to-side checking system***

***Check with local Weight & Measures department to insure weighbridge conversion will meet NTEP requirements.***

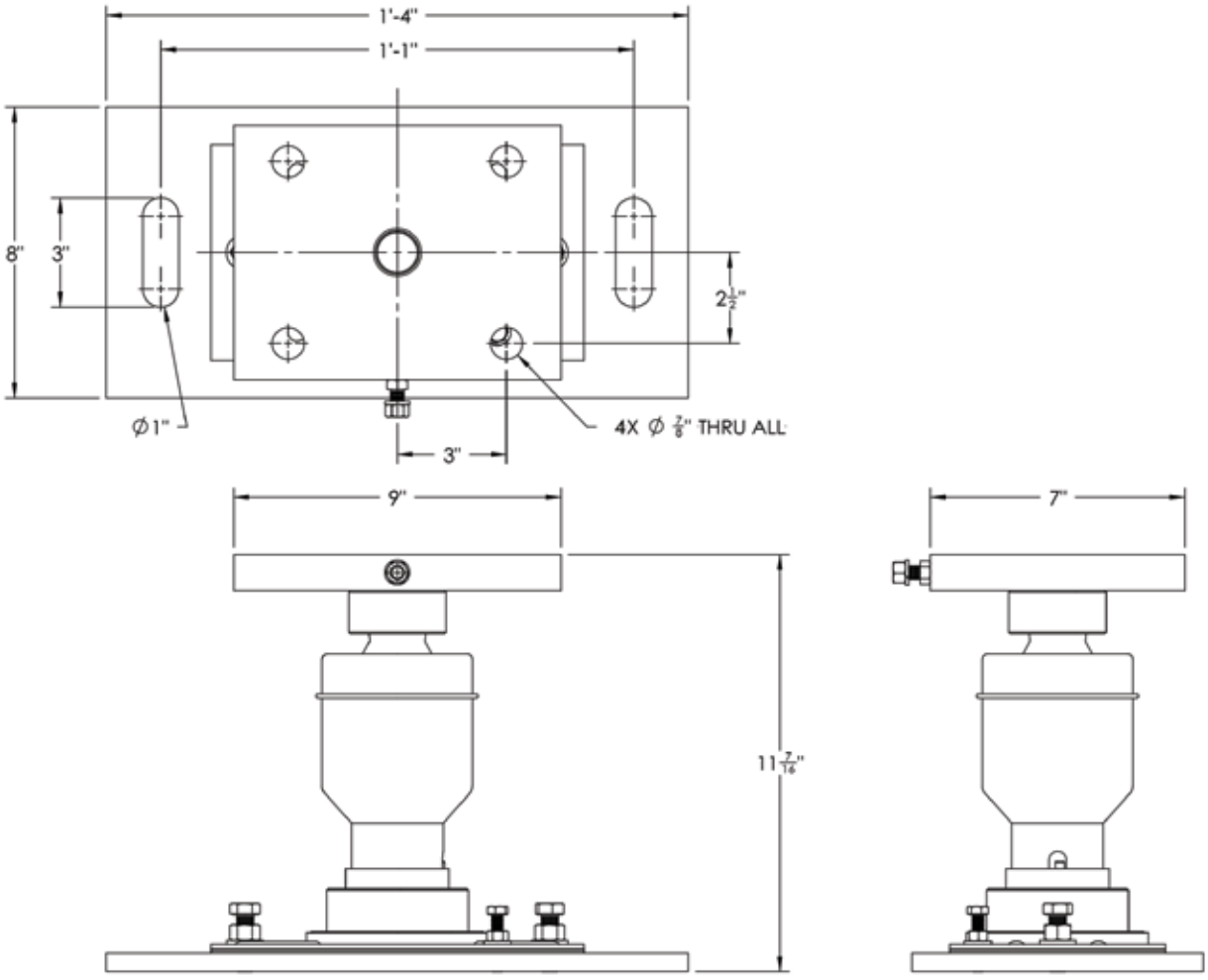
| | |
|---|---|
| **DIGITAL INDICATOR UPGRADE** | Upgrade from DD700 to any DD Series Indicator. |

# Load Cell Conversion Kit

## Primary Analog Systems (PAS)
## Analog Cell - MTS Conversion Kit

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 04-098A1 (CPR-M Load Cell)
- Cell Capacity: 77K lb
- Load Cell: CPR-M analog rocker column load cell<br>Stainless steel environmentally sealed (IP68) construction
- Load Cell Cable: Stainless sheathed cable with clear polymer protective coating - 60' length
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPM-M analog load cell isolation disc and bypass ground straps protect against lightning<br>Surge protection enhanced by Tripp Lite Isobar Ultra 4-outlet surge protection device
- Warranty: 2-Year parts only replacement warranty against general failure or lightning damage on CPR-M load cells
- Indicator: *Not included with analog cell version*



# Load Cell Conversion Kit

## Primary Analog Systems (PAS)
## Analog Cell - MTS Conversion Kit

| Part Number | Description |
|---|---|
| 899-250004 | 4-Cell Primary Analog System Conversion Kit |
| | (4) CPR-M analog cells with top and bottom mounting plates<br>(1) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-250006 | 6-Cell Primary Analog System Conversion Kit |
| | (6) CPR-M analog cells with top and bottom mounting plates<br>(2) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-250005 | 8-Cell Primary Analog System Conversion Kit |
| | (8) CPR-M analog cells with top and bottom mounting plates<br>(2) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |
| 899-250007 | 10-Cell Primary Analog System Conversion Kit |
| | (10) CPR-M analog cells with top and bottom mounting plates<br>(3) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit including LC ground straps, Tripp Lite Isobar Ultra 4-outlet surge protection device, #6 ground wire, ring lugs, clamps, bolts and ground bus bar ** |

***** (1) 8 ft copper ground rods are required (not supplied) for proper installation***

***Rocker column load cells require end wall and side-to-side checking system***

***Check with local Weight & Measures department to insure weighbridge conversion will meet NTEP requirements.***

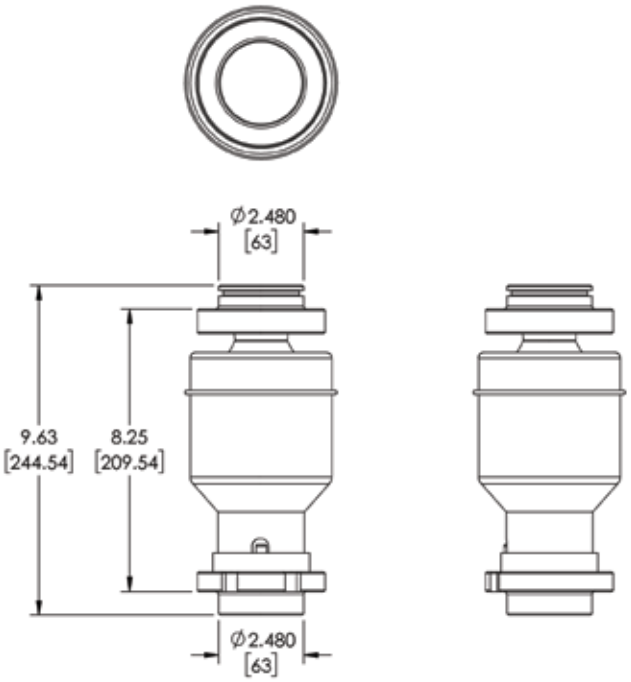
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|---|---|
| **Optional Indicators** | Any Analog DD Series Indicator |

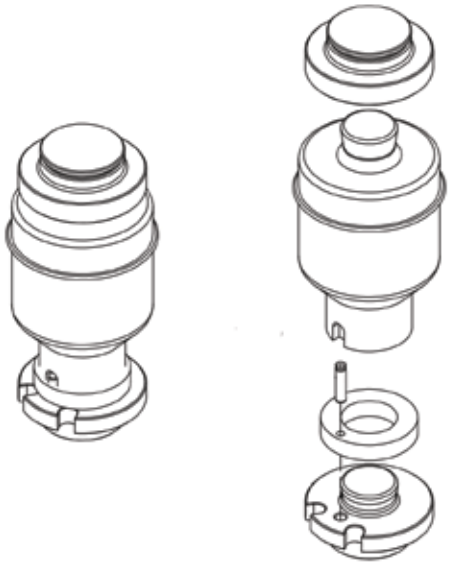
# Load Cell Conversion Kits

## Primary Digital Systems (PDS)
## Digital Cell - Mettler Toledo™ Digitol Conversion Kit

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-072 (CPD-M Load Cell)
- Cell Capacity: 77K lb
- Load Cell: CPD-M digital rocker column load cell
  Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless sheathed cable with clear polymer protective coating & water-tight connectors
- Junction Box: Stainless NEMA 4X enclosure with internal toolless cable connectors
- Surge Protection: CPD-M digital load cells along with digital indicator protect against lightning
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-outlet surge protection device
- Warranty: 2-Year parts only replacement warranty against general failure or lightning damage on CPD-M load cells
  2-Year parts only replacement warranty against general failure on indicator, junction box and load cell cables
- Indicator: *Supplied with a DD 700 ABS desk-top digital indicator*





# Load Cell Conversion Kits

## Primary Digital Systems (PDS)
## Digital Cell - Mettler Toledo™ Digitol Conversion Kit

| Part Number | Description |
|---|---|
| 899-220004 | 4-Cell Primary Digital System - MT Digitol® Conversion Kit |
| | (4) CPD-M Digital load cells with MT upper and lower receiver mounts<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit |
| 899-220006 | 6-Cell Primary Digital System - MT Digitol® Conversion Kit |
| | (6) CPD-M Digital load cells with MT upper and lower receiver mounts<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit |
| 899-220008 | 8-Cell Primary Digital System - MT Digitol® Conversion Kit |
| | (8) CPD-M Digital load cells with MT upper and lower receiver mounts<br>(2) 60' stainless sheathed load cell cable with poly coating<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(1) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit |
| 899-220010 | 10-Cell Primary Digital System - MT Digitol® Conversion Kit |
| | (10) CPD-M Digital load cells with MT upper and lower receiver mounts<br>(4) 60' stainless sheathed load cell cable with poly coating<br>(4) 40' stainless sheathed load cell cable with poly coating<br>(2) 16' stainless sheathed load cell cable with poly coating<br>(2) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit |
| 899-220012 | 12-Cell Primary Digital System - MT Digitol® Conversion Kit |
| | (12) CPD-M Digital load cells with MT upper and lower receiver mounts<br>(2) 60' stainless sheathed load cell cable with poly coating<br>(6) 40' stainless sheathed load cell cable with poly coating<br>(4) 16' stainless sheathed load cell cable with poly coating<br>(2) Stainless steel junction box<br>(1) DD 700 ABS Desk-Top Digital Indicator<br>(1) Grounding / surge voltage kit |
| **DIGITAL INDICATOR UPGRADE** | Upgrade from DD700 to any DD Series Indicator. |

***Check with local Weight & Measures department to insure weighbridge conversion will meet NTEP requirements.***

# Load Cell Conversion Kits

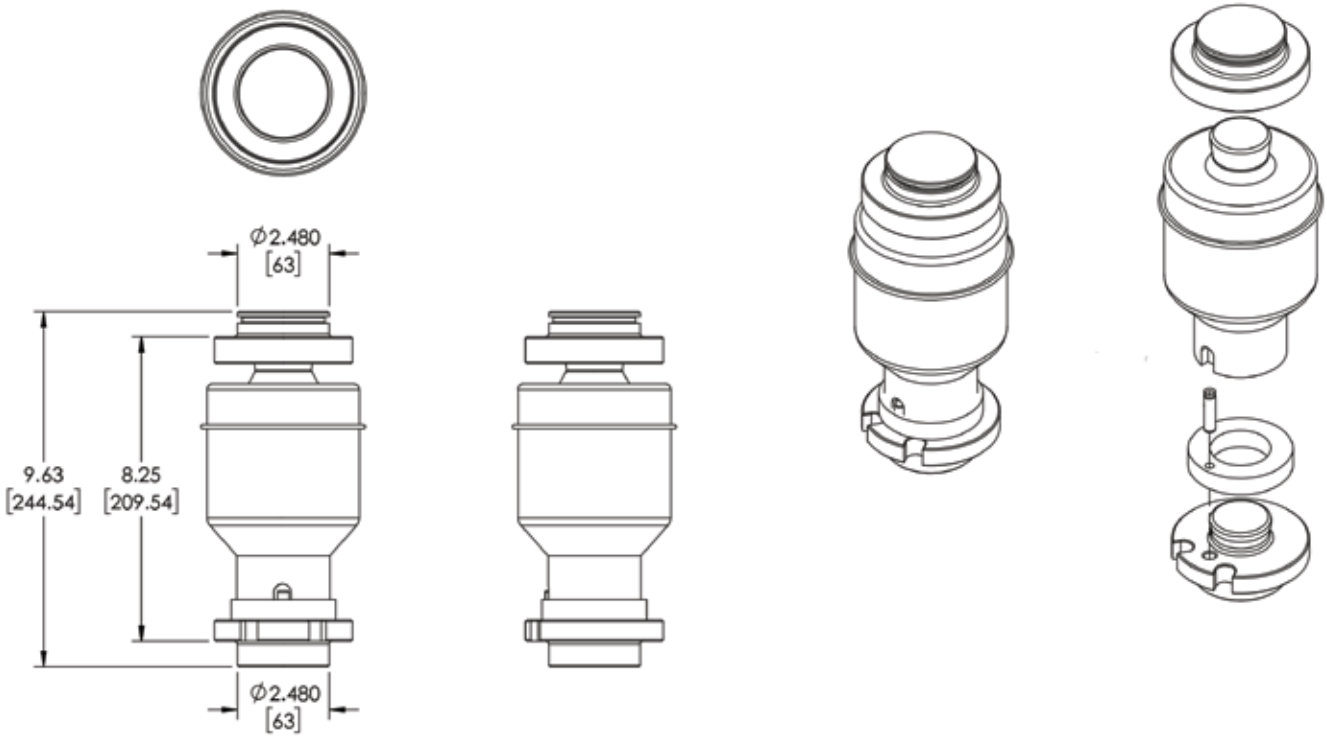
## Primary Analog Systems (PAS)
## Analog Cell - Mettler Toledo™ Digitol Conversion Kit

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 04-098A1 (CPR-M Load Cell)
- Cell Capacity: 70K lb
- Load Cell: CPR-M analog rocker column load cell
  Stainless steel environmentally sealed (IP68) construction
- Load Cell Cable: Stainless sheathed cable with clear polymer protective coating - 60' length
- Junction Box: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Surge Protection: CPM-M analog load cell isolation disc and bypass ground straps protect against lightning
  Surge protection enhanced by Tripp Lite Isobar Ultra 4-outlet surge protection device
- Warranty: 2-Year parts only replacement warranty against general failure or lightning damage on CPR-M load cells
- Indicator: *Not included with analog cell version*

| Part Number | Description |
|---|---|
| 899-270004 | 4-Cell Primary Analog System - MT Digitol® Conversion Kit |
| | (4) CPR-M analog cells with MT upper and lower receiver mounts<br>(1) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit |
| 899-270006 | 6-Cell Primary Analog System - MT Digitol® Conversion Kit |
| | (6) CPR-M analog cells with MT upper and lower receiver mounts<br>(2) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit |
| 899-270005 | 8-Cell Primary Analog System - MT Digitol® Conversion Kit |
| | (8) CPR-M analog cells with MT upper and lower receiver mounts<br>(2) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit |
| 899-270007 | 10-Cell Primary Analog System - MT Digitol® Conversion Kit |
| | (10) CPR-M analog cells with MT upper and lower receiver mounts<br>(3) NEMA 4X FRP enclosure and B-TEK 4-cell summing board with GDT surge protection<br>(1) Grounding / surge voltage kit |
| **Optional Indicators** | Any Analog DD Series Indicator |

***Check with local Weight & Measures department to insure weighbridge conversion will meet NTEP requirements.***


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# Colossus Digital Hi-Impact / Coil

## Digital Hi-Impact / Coil Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 97-132A1
- Type: Extreme duty
- Scale Capacity: 20K - 120K lbs.
- Scale Height: 29”
- Available Sizes: 5’ x 5’ & 6” x 6’ - NTEP Sizes Available: 5’ x 5’ to 10’ x 20’
- Weighbridge Deck: 1/2” smooth plate
- Protective Frame: Very heavy duty channel frame protects the scale from side impacts
  Scale is fully self-contained and can be located on any smooth flat surface
  Frame has (4) lifting points and viewing ports to load cells for easy serviceability
- Load Cell Protection: Shock absorbing polymer blocks set between weighbridge and load cells
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 77K CPD-M DIGITAL compression column load cell
- Junction Box: NEMA 4X stainless steel
- Indicator: DD700i indicator included with package
- Warranty: 3-Year weighbridge warranty covering defects in materials and workmanship
  2-Year components warranty covering defects in materials and workmanship






72" x 72" Colossus

# Colossus Digital Hi-Impact / Coil

## Digital Hi-Impact / Coil Scale

| Part Number | Model Number | Length | Width | Capacity |
|---|---|---|---|---|
| 920-1100 | COL-6060-40-HI-DT 40K lb | 5' | 5' | 40K |
| 920-1101 | COL-7272-40-HI-DT 40K lb | 6' | 6' | 40K |
| 920-1102 | COL-6060-60-HI-DT 60K lb | 5' | 5' | 60K |
| 920-1103 | COL-7272-60-HI-DT 60K lb | 6' | 6' | 60K |
| 920-1104 | COL-6060-80-HI-DT 80K lb | 5' | 5' | 80K |
| 920-1105 | COL-7272-80-HI-DT 80K lb | 6' | 6' | 80K |

**DT = CPD-M DIGITAL LOAD CELLS - INCLUDES DD700i DIGITAL INDICATOR**

### Options

V-DECK coil positioning option bolted to top of deck

NTEP

| CAPACITY | emin | nmax |
|---|---|---|
| 20K | 10 | 2,000 |
| 30K | 10 | 3,000 |
| 40K | 10 | 4,000 |
| 50K | 10 | 5,000 |
| 60K | 10 | 6,000 |
| 70K | 20 | 3,500 |
| 80K | 20 | 4,000 |
| 90K | 20 | 4,500 |
| 100K | 20 | 5,000 |
| 110K | 20 | 5,500 |
| 120K | 20 | 6,000 |

# Hi-Impact / Coil

## Hi-Impact / Coil Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 97-132A1
- Type: Above ground or pit
- Scale Capacity: 20K - 120K lb
- Scale Height: 24" - 36" based on platform size and capacity
- Available Sizes: 4' x 6' ( 24 sq/ft ) - 10' x 20' ( 200 sq/ft )
- Weighbridge Deck: 1/2" smooth plate **bolted** to weighbridge WF beam structure
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-linked two-part epoxy primer followed by two-part polyurethane top coat
- Load Cell: 25K - 100K double ended shear beam—parallel link suspension system
- Junction Box: NEMA 4X stainless steel enclosure and B-TEK 4-cell summing board
- Warranty: 3-Year weighbridge warranty covering defects in materials and workmanship
  2-Year components warranty covering defects in materials and workmanship





60" x 60" HI-IMPACT / Coil Scale
V-Deck Option Shown

# Hi-Impact / Coil

## BT-HI Series - Hi-Impact / Coil Scale

| Part Number | Model Number | Length | Width | Capacity |
|---|---|---|---|---|
| 920-1000 | BT-6060-40-FE-HI | 5' | 5' | 40K |
| 920-1001 | BT-6072-40-FE-HI | 5' | 6' | 40K |
| 920-1002 | BT-7272-40-FE-HI | 6' | 6' | 40K |
| 920-1003 | BT-6060-60-FE-HI | 5' | 5' | 60K |
| 920-1004 | BT-6072-60-FE-HI | 5' | 6' | 60K |
| 920-1005 | BT-7272-60-FE-HI | 6' | 6' | 60K |
| 920-1006 | BT-7272-80-FE-HI | 6' | 6' | 80K |
| 920-1007 | BT-7284-80-FE-HI | 6' | 7' | 80K |
| 920-1008 | BT-8484-80-FE-HI | 7' | 7' | 80K |
| 920-1009 | BT-96120-80-FE-HI | 8' | 10' | 80K |
| 920-1010 | BT-120120-80-FE-HI | 10' | 10' | 80K |
| 920-1011 | BT-8484-120-FE-HI | 7' | 7' | 120K |
| 920-1012 | BT-8496-120-FE-HI | 7' | 8' | 120K |
| 920-1013 | BT-9696-120-FE-HI | 8' | 8' | 120K |
| 920-1014 | BT-96120-120-FE-HI | 8' | 10' | 120K |
| 920-1015 | BT-120120-120-FE-HI | 10' | 10' | 120K |

### Options

V-DECK coil positioning option welded to top deck plate

Portability / Protective Frame

Fabreeka shock isolation pads (set of 4 ) - all sizes and capacities



60" x 60" HI-IMPACT / Coil Scale
(Optional) Portability / Protective Frame
Bolted Deck Plate

| | NTEP | |
|---|---|---|
| CAPACITY | emin | nmax |
| 20K | 5 | 4,000.00 |
| 30K | 5 | 6,000.00 |
| 40K | 10 | 4,000.00 |
| 50K | 10 | 5,000.00 |
| 60K | 10 | 6,000.00 |
| 70K | 20 | 3,500.00 |
| 80K | 20 | 4,000.00 |
| 90K | 20 | 4,500.00 |
| 100K | 20 | 5,000.00 |
| 110K | 20 | 5,500.00 |
| 120K | 20 | 6,000.00 |

# DD Indicators

## DD 700

### STANDARD FEATURES

- Desktop mount molded ABS plastic enclosure
- High visibility backlit LCD full graphic display
- Membrane keypad with 18-keys
- Text-based configuration menus
- Extensive built-in diagnostic screens
- Time and date
- Hot keys for frequent functions
- Export transaction data to USB flash memory
- (2) “Plug & Play” option card slots
- (1) USB host (Type A) port
- (1) USB serial (Type B) port
- (2) isolated dry contact inputs
- (2) relay outputs (24 V(AC/DC) @ 190mA)
- (1) RS-232 serial port
- (1) RS-232 / RS-422 / RS-485 configurable port
- Six built-in language choices
- NTEP COC: 15-113
- CANADA: AM-6012




### TECHNICAL FEATURES

| | |
|---|---|
| Power Supply Input / Output | 110-240VAC / 50-60HZ input / 12VDC output / external desktop unit |
| Maximum Power | 60 watt |
| Weight Repeater | Yes, via parameter configuration, analog or digital scale |
| Analog Scales (AS) | One analog scale input standard / two analog scales (multiplexing ) |
| Max Load Cells (AS) | (12) 350 Ohm cells or (24) 700 Ohm cells |
| Minimum Impedance (AS) | 29 Ohm |
| Load Cell Power Supply (AS) | 5 VDC |
| Internal Resolution (AS) | 1,000,000 points @ 10Hz |
| Maximum Input (AS) | 30 mV |
| Sensitivity (AS) | 0.5 µV / division |
| Digital Scales (DS) | One digital scale input standard |
| Max Load Cells (DS) | (12) CPD-M digital load cells |
| Load Cell Power Supply (DS) | 10-15 VDC |
| Internal Resolution (DS) | 200,000 points @ 25Hz |
| Case Protection / Terminations | IP20 / exposed terminal connections on rear of enclosure |
| | |
| Standard Software | Single weighing / Double weighing (truck in/out) |
| Optional Software | Counting scale |
| | |
| Optional USB Keyboard | Computer QWERTY keyboard can connect to USB port |
| Option Card | DD 700 Ethernet TCP/IP Option Card |
| Option Card | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| Option Card | DD 700 4-Input / 4-Output Option Card |
| Option Card | DD 700 MPP Memory Option Card |
| Option Card | DD 700 Ethernet IP Option Card |
| Option Card | DD 700 Profibus DP Option Card |
| Option Card | DD 700 Analog Output 0-10VDC / 4-20mA Option Card |

# DD Indicators

## DD 700

| Part Number | Description |
|---|---|
| 899-100131 | DD 700 Indicator - Desktop, ABS Case, DIGITAL Scale Input |
| 899-100130 | DD 700 Indicator - Desktop, ABS Case, ANALOG Scale Input |

| Part Number | Options |
|---|---|
| 899-100143 | DD 700 Ethernet TCP/IP Option Card |
| 899-100138 | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| 899-100137 | DD 700 4-Input / 4-Output Option Card |
| 899-100142 | DD 700 MPP Memory Option Card |
| 899-100140 | DD 700 Ethernet IP Option Card |
| 899-100139 | DD 700 Profibus DP Option Card |
| 899-100141 | DD 700 Analog Output 0-10VDC / 4-20mA Option Card |
| 899-100159 | DD 700 USB Wired Keyboard |

| Part Number | Parts |
|---|---|
| 899-100151 | DD 700 / 700i / 700ic Main CPU Board |
| 899-100148 | DD 700 Enclosure Upper Cover w/ Keypad |
| 899-100149 | DD 700 / 700i / 700ic LCD Display Board |
| 899-100095 | DD 1050 / DD 700 / 700ic External Desktop Power Supply |
| 899-100147 | DD 700 Enclosure Lower Assembly |
| 899-100152 | DD 700 / 700i / 700ic DIGITAL Scale Input Module w/ Connector |
| 899-100150 | DD 700 / 700i / 700ic Display Board Connector |
| 899-100154 | DD 700 / 700i / 700ic Second Analog Scale Input Connector |
| 899-100153 | DD 700 / 700i / 700ic Built-in Main Board I/O Module |

# DD Indicators

## DD 700ic

### STANDARD FEATURES

- Swivel bracket / stainless steel enclosure
- High visibility backlit LCD full graphic display
- Membrane keypad with 18-keys
- Text-based configuration menus
- Extensive built-in diagnostic screens
- Time and date
- Hot keys for frequent functions
- Export transaction data to USB flash memory
- (2) “Plug & Play” option card slots
- (1) USB host (Type A) port
- (1) USB serial (Type B) port
- (2) isolated dry contact inputs
- (2) relay outputs (24 V(AC/DC) @ 190mA)
- (1) RS-232 serial port
- (1) RS-232 / RS-422 / RS-485 configurable port
- Six built-in language choices
- NTEP COC: 15-113
- CANADA: AM-6012




### TECHNICAL FEATURES

| | |
|---|---|
| Power Supply Input / Output | 110-240 VAC / 50-60 HZ input / 12 VDC output / external desktop unit |
| Maximum Power | 60 watt |
| Weight Repeater | Yes, via parameter configuration, analog or digital scale |
| Analog Scales (AS) | One analog scale input standard / two analog scales (multiplexing) |
| Max Load Cells (AS) | (12) 350 Ohm cells or (24) 700 Ohm cells |
| Minimum Impedance (AS) | 29 Ohm |
| Load Cell Power Supply (AS) | 5 VDC |
| Internal Resolution (AS) | 1,000,000 points @ 10Hz |
| Maximum Input (AS) | 30 mV |
| Sensitivity (AS) | 0.5 µV / division |
| Digital Scales (DS) | One digital scale input standard |
| Max Load Cells (DS) | (12) CPD-M digital load cells |
| Load Cell Power Supply (DS) | 10-15 VDC |
| Internal Resolution (DS) | 200,000 points @ 25 Hz |
| Case Protection / Terminations | IP20 / exposed terminal connections on bottom of enclosure |
| | |
| Standard Software | Single weighing / Double weighing (truck in/out) |
| Optional Software | Counting scale |
| | |
| Optional USB Keyboard | Computer QWERTY keyboard can connect to USB port |
| Option Card | DD 700 Ethernet TCP/IP Option Card |
| Option Card | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| Option Card | DD 700 4-Input / 4-Output Option Card |
| Option Card | DD 700 MPP Memory Option Card |
| Option Card | DD 700 Ethernet IP Option Card |
| Option Card | DD 700 Profibus DP Option Card |
| Option Card | DD 700 Analog Output 0-10 VDC / 4-20 mA Option Card |

## DD 700ic

| Part Number | Description |
|---|---|
| 899-100135 | DD 700ic Indicator - Stainless Case, DIGITAL Scale Input |
| 899-100134 | DD 700ic Indicator - Stainless Case, ANALOG Scale Input |

| Part Number | Options |
|---|---|
| 899-100143 | DD 700 Ethernet TCP/IP Option Card |
| 899-100138 | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| 899-100137 | DD 700 4-Input / 4-Output Option Card |
| 899-100142 | DD 700 MPP Memory Option Card |
| 899-100140 | DD 700 Ethernet IP Option Card |
| 899-100139 | DD 700 Profibus DP Option Card |
| 899-100141 | DD 700 Analog Output 0-10VDC / 4-20mA Option Card |
| 899-100159 | DD 700 USB Wired Keyboard |

| Part Number | Parts |
|---|---|
| 899-100151 | DD 700 / 700i / 700ic Main CPU Board |
| 899-100158 | DD 700ic Enclosure Front Cover w/ Keypad |
| 899-100149 | DD 700 / 700i / 700ic LCD Display Board |
| 899-100095 | DD 1050 / DD 700 / 700ic External Desktop Power Supply |
| 899-100152 | DD 700 / 700i / 700ic DIGITAL Scale Input Module w/ Connector |
| 899-100150 | DD 700 / 700i / 700ic Display Board Connector |
| 899-100154 | DD 700 / 700i / 700ic Second Analog Scale Input Connector |
| 899-100153 | DD 700 / 700i / 700ic Built-in Main Board I/O Module |
| 899-100157 | DD 700i / DD 700ic Wall Mount Bracket |
| 899-100129 | DD 700i / DD 700ic Desktop Swivel Bracket |

# DD Indicators

## DD 700i

### STANDARD FEATURES

- Swivel bracket / stainless steel enclosure (IP68) rating
- High visibility backlit LCD full graphic display
- Membrane keypad with 18-keys
- Text based configuration menus
- Extensive built-in diagnostic screens
- Time and date
- Hot keys for frequent functions
- Export transaction data to USB flash memory
- (2) “Plug & Play” option card slots
- (1) USB host (Type A) port
- (1) USB serial (Type B) port
- (2) isolated dry contact inputs
- (2) relay outputs (24 V(AC/DC) @ 190 mA)
- (1) RS-232 serial port
- (1) RS-232 / RS-422 / RS-485 configurable port
- Six built-in language choices
- NTEP COC: 15-113
- CANADA: AM-6012



### TECHNICAL FEATURES

| | |
|---|---|
| Power Supply Input / Output | 110-240 VAC / 50-60 HZ input / 12 VDC output / internally mounted |
| Maximum Power | 60 watt |
| Weight Repeater | Yes, via parameter configuration, analog or digital scale |
| Analog Scales (AS) | One analog scale input standard / two analog scales (multiplexing ) |
| Max Load Cells (AS) | (12) 350 Ohm cells or (24) 700 Ohm cells |
| Minimum Impedance (AS) | 29 Ohm |
| Load Cell Power Supply (AS) | 5 VDC |
| Internal Resolution (AS) | 1,000,000 points @ 10 Hz |
| Maximum Input (AS) | 30 mV |
| Sensitivity (AS) | 0.5 µV / division |
| Digital Scales (DS) | One digital scale input standard |
| Max Load Cells (DS) | (12) CPD-M digital load cells |
| Load Cell Power Supply (DS) | 10-15 VDC |
| Internal Resolution (DS) | 200,000 points @ 25 Hz |
| Case Protection / Terminations | IP68 / terminations inside enclosure - all wiring through cord grips on bottom of case |
| | |
| Standard Software | Single weighing / Double weighing (truck in/out) |
| Optional Software | Counting scale |
| Optional Software | Check weighing (requires LED light bar option) |
| | |
| Optional USB Keyboard | Computer QWERTY keyboard can connect to USB port |
| Option Card | DD 700 Ethernet TCP/IP Option Card |
| Option Card | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| Option Card | DD 700 4-Input / 4-Output Option Card |
| Option Card | DD 700 MPP Memory Option Card |
| Option Card | DD 700 Ethernet IP Option Card |
| Option Card | DD 700 Profibus DP Option Card |

# DD Indicators

## DD 700i

| Part Number | Description |
|---|---|
| 899-100133 | DD 700i Indicator - Stainless Case, DIGITAL Scale Input |
| 899-100132 | DD 700i Indicator - Stainless Case, ANALOG Scale Input |

| Part Number | Options |
|---|---|
| 899-100143 | DD 700 Ethernet TCP/IP Option Card |
| 899-100138 | DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card |
| 899-100137 | DD 700 4-Input / 4-Output Option Card |
| 899-100142 | DD 700 MPP Memory Option Card |
| 899-100140 | DD 700 Ethernet IP Option Card |
| 899-100139 | DD 700 Profibus DP Option Card |
| 899-100141 | DD 700 Analog Output 0-10VDC / 4-20mA Option Card |
| 899-100159 | DD 700 USB Wired Keyboard |
| 899-100136 | DD 700i LED Light Bar for Range Control |

| Part Number | Parts |
|---|---|
| 899-100151 | DD 700 / 700i / 700ic Main CPU Board |
| 899-100155 | DD 700i Enclosure Front Cover w/ Keypad |
| 899-100149 | DD 700 / 700i / 700ic LCD Display Board |
| 899-100117 | DD 1010i / 700i Internal Cage Power Supply |
| 899-100152 | DD 700 / 700i / 700ic DIGITAL Scale Input Module w/ Connector |
| 899-100150 | DD 700 / 700i / 700ic Display Board Connector |
| 899-100154 | DD 700 / 700i / 700ic Second Analog Scale Input Connector |
| 899-100153 | DD 700 / 700i / 700ic Built-in Main Board I/O Module |
| 899-100157 | DD 700i / DD 700ic Wall Mount Bracket |
| 899-100129 | DD 700i / DD 700ic Desktop Swivel Bracket |
| 899-100156 | DD 700i External USB Connector & All Cord Grips |

# Advanced DD Indicators

## DD 2050 Unattended Scale Terminal - Touch Screen

### ENCLOSURE
- 304 stainless steel
- Keyed enclosure access door
- Protective secondary “hood” cover
- Built-in heat / cool thermal control devices
- Anti-vandal locking cover available

### CONNECTIVITY
- (1) Analog or Digital scale input
- (1) RS-232/422 serial ports
- (2) RS-232 serial ports
- (1) TCP/IP Ethernet
- (4) USB ports
  - USB mouse
  - USB Keyboard
  - USB to RS232 w/ FTDI Chip Set
- SD memory slot

COC: 13-055
Canada: AM-6012



### DISPLAY
- 12.1" color display
- Touch screen with protective cover
- High contrast display - legible in direct sunlight
- Designed for temperature extremes of outdoor use
- User programmable displays, icons and graphics and layout

### PRINTER
- Thermal paper receipt printer
- Large paper roll capacity - 3.15" receipt width
- Jam-proof automatic cutter and tensioning system
- Illuminated receipt outlet slot
- Internal uncollected receipt storage area

### OPTIONAL READER DEVICES
- Multiple user identification devices available
  - Optical bar code readers (swipe card or paper printed)
  - Proximity (RFID) reader or reader / writer (card or key fob)
  - Magnetic strip reader (swipe card)
- Reader device securely mounted into front panel of enclosure

### *OPTIONAL FEATURES*
- Up to 3 additional scale cards
- WI-FI interface card
- Cellular network interface UMTS / GPRS / EDGE / GSM / MSPDA
- (4) input / (6) output card
- (8) input / (12) output card
- 2 or 4 port USB to 232/422/458 Adapter
- Pulse input
- Analog 4-20 mA Input / Output
- Sound card with microphone input
- Photo Eyes

### UNATTENDED SCALE TERMINAL
The DD 2050 is a robust fully integrated control terminal, which has been specifically designed for driver operated weighbridge installations. It features a large high resolution interactive touch screen, intuitive operator prompts and optional voice activation capability. The DD 2050 has a built in high capacity roll-tape printer and operation can be initiated with a range of security/ access card technologies including RFID, magnetic and 1D/2D barcode readers. Users can appreciate the real power of the DD 2050 when combined with ScaleSoft.NET truck management software and peripheral control equipment. This combination brings significant improvements in data collection, data management, site security and vehicle logistics.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 2050 terminal, ensures flexible and simple connectivity with customers’ own internal data networks. With the DD 2050 and ScaleSoft. NET software it is possible to collect, organize and store any amount of data associated with a truck weighment in/out weight, commodity code, truck ID, driver information, license plate image…

### APPLICATION FLEXIBILITY
DD 2050 terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to four independent scale inputs can be handled with the DD 2050. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 2050 terminal is a freely programmable device.

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

## DD 2050 Unattended Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100082 | **DD 2050 Unattended Scale Terminal - ANALOG SCALE**<br>*** Select reader type from options listed below* |
| 899-100081 | **DD 2050 Unattended Scale Terminal - DIGITAL SCALE**<br>*** Select reader type from options listed below* |

| Part Number | Options | |
|---|---|---|
| 899-100059 | 1D/2D Barcode Reader | |
| 878-000023 | RFID Reader | |
| 878-000022 | RFID Card | |
| 899-100063 | 4-Input / 6-Output Card | |
| 899-100103 | 8-Input / 12-Output Card | |
| 899-100064 | DD 2050 / 1050 / 1010 Dual Serial Interface Card (1) USB to RS-232 / (1) USB to RS-422 | |
| 899-100067 | Sound Card | |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output | |
| 878-000024 | DD Series 4G Modem Kit | |
| 878-000025 | 1 Year Service DD 4G | |
| 899-100070 | Ethernet Switch - 5-Port | |
| 899-100071 | SW MPP for DIADE Indicators | |
| 899-100072 | Second ANALOG Scale Interface | |
| 899-100073 | Interface Up To 3 ANALOG Scales * | |
| 899-100074 | Interface Up To 4 ANALOG Scales * | |
| 899-100075 | Second DIGITAL Scale Interface | (requires addition of 899-100121) |
| 899-100076 | Interface Up To 3 DIGITAL Scales * | (requires addition of 899-100121) |
| 899-100077 | Interface Up To 4 DIGITAL Scales * | (requires addition of 899-100121) |
| 899-100121 | Power Supply Card for DIGITAL Multi-Scale | |
| 878-000021 | B-TEK Micro-Server | |
| 878-000026 | Photo Eye Kit, Pair of Photo Eyes w/ Brackets & Cables | |
| 200-160094-RL | 12' Swing arm pole - complete pole/back plate assembly for DD2050 | |

* Not Applicable with Sound Card OC0987

| Part Number | Parts |
|---|---|
| 899-100083 | DD 2050 / 1050 / 1050i Main Board for CMX-270 (Old Version) |
| 899-100167 | DD 2050 / 1050 / 1050i Main Board for CMX-300 (New Version) |
| 899-100084 | DD 2050 / 1050 / 1050i Driver Card For Serial Outputs |
| 899-100115 | DD 2050 / 1050 / 1050i Core Card (New Version – CMX-300) |
| 899-100087 | DD 2050 Display Backlit Inverter |
| 899-100088 | DD 2050 Power Supply (24 VDC) For Printer, Heater, Fan |
| 899-100089 | DD 2050 Power Supply (12 VDC) For Main Board |
| 899-100091 | DD 2050 Backlit Cable |
| 899-100092 | DD 2050 Display Cable |
| 899-100093 | DD 2050 Touch Screen Display (For Older Units, Inst. EGalax Software) |
| 899-100093-CMX300 | DD2050 Display Kit With Touchscreen - Use With CMX-300 Processor |
| 899-100094 | DD 2050 Inverter Cable |
| 899-100105 | DD 2050 Printer Paper Roll 3-1/8x 660’ (21#/HEAVY) |
| 899-100169 | USB Touch Controller - DD 2050 |
| 899-100119 | Kiosk VKP-80II-UE DD2050 thermal printer USB/RS232 |
| 899-100120 | Kiosk VKP-80II DD2050 Printer Paper Arm |
| 899-380015 | Spare DD2050 Enclosure Key New Style (FLAT TYPE) |
| 899-380015 LOC | Spare DD2050 Enclosure Lock Assembly for Flat Key |
| 899-380017 | Spare DD2050 Enclosure Key Old Style (ROUND TYPE) |

# Advanced DD Indicators

## DD 1050 Scale Terminal - Touch Screen

### ENCLOSURE
- Desktop
- ABS rear housing and support legs
- Stainless steel front
- Adjustable viewing angle

### DISPLAY
- 10.4" color display
- Touch screen with protective cover
- High contrast display
- User programmable displays, icons and graphics and layout

### STANDARD HARDWARE
- (1) Ethernet 10/100 (wired)
- (2) 24 VAC/DC inputs
- (2) 24 VAC/DC outputs
- (2) Configurable RS-232 / RS-422 / RS485 ports
- (1) RS-232 port
- (2) Memory card expansion slots
- (3) Expansion card slots
- (1) Scale input - up to 100 readings / sec
- (4) USB ports for standard PC connectible devices
  - USB mouse
  - USB keyboard
  - USB to RS2232 w/ FTDI Chip Set




### *OPTIONAL FEATURES*
- Up to 3 additional scale inputs
- Wi-Fi interface card
- Cellular Network Interface
- (4) input / (6) output card
- (8) input / (12) output card
- 2 or 4 port 232/422/485 adapter
- Pulse count input up to 2 KHz
- Analog input 0-10 V / 4-20 mA
- Analog output 0-10 V / 4-20 mA
- Sound card with microphone input

COC: 13-055
Canada: AM-6012

### SCALE INFORMATIONAL TERMINAL
The DD 1050 is a fully integrated scale information and control terminal, which has been specifically designed for ease of operator interaction. It features a large high resolution configurable graphic touch screen display and the flexibility to connect to many different types of external peripheral devices.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 1050 terminal, ensures simple connectivity with customers' own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal. By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

### APPLICATION FLEXIBILITY
DD 1050 terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to four independent scale inputs can be handled with the DD 1050. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 1050 terminal is a freely programmable device.

# Advanced DD Indicators

## DD 1050 Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100033 | DD 1050 Scale Terminal - ANALOG SCALE |
| 899-100034 | DD 1050 Scale Terminal - DIGITAL SCALE |

| Part Number | Options | |
|---|---|---|
| 899-100079 | Wall Mounting Kit | |
| 899-100063 | 4-Input / 6-Output Card | |
| 899-100103 | 8-Input / 12-Output Card | |
| 899-100064 | Serial Interface Adaptors (1) USB to RS232 (1) USB to RS422 | |
| 899-100210 | Quad Serial Interface (1) USB TO (4) RS232 Ports | |
| 899-100211 | Dual Serial Interface (1) USB TO (2) RS232 Ports | |
| 899-100212 | Single Serial Interface (1) USB TO (1) RS232 PORT | |
| 878-000024 | DD Series 4G Modem Kit | |
| 878-000025 | 1 Year Service DD 4G | |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output | |
| 899-100067 | Sound Card | |
| 899-100071 | SW MPP for DIADE Indicators | |
| 899-100072 | Second ANALOG Scale Interface | |
| 899-100073 | Interface Up To 3 ANALOG Scales * | |
| 899-100074 | Interface Up To 4 ANALOG Scales * | |
| 899-100075 | Second DIGITAL Scale Interface | (requires addition of 899-100121) |
| 899-100076 | Interface Up To 3 DIGITAL Scales * | (requires addition of 899-100121) |
| 899-100077 | Interface Up To 4 DIGITAL Scales * | (requires addition of 899-100121) |
| 899-100121 | Power Supply Card for DIGITAL Multi-Scale | |
| 878-000015 | Photo Eye Kit, Pair of Photo Eyes W/ Power Enclosure, Brackets & Cables | |

* Not Applicable with Sound Card OC0987

| Part Number | Parts |
|---|---|
| 899-100083 | DD 2050 / 1050 / 1050i Main Board for CMX-270 (Old Version) |
| 899-100167 | DD 2050 / 1050 / 1050i Main Board for CMX-300 (New Version) |
| 899-100084 | DD 2050 / 1050 / 1050i Driver Card For Serial Outputs |
| 899-100115 | DD 2050 / 1050 / 1050i Core Card (New Version – CMX-300) |
| 899-100095 | DD 1050 / 1010ic External Power Supply |
| 899-100096 | DD 1050 Display Kit |
| 899-100099 | DD 1050 / 1010 Power Supply Card (DC / DC Analog Scale) |
| 899-100100 | DD 1050 / 1010 Power Supply Card (DC / DC Digital Scale) |
| 899-100101 | DD 1050 / 1050i Connection Cable - Main Board - Programming |

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

# Advanced DD Indicators

## DD 1050i Scale Terminal - Touch Screen

### ENCLOSURE
- Desktop
- ABS rear housing and support legs
- Stainless steel front
- Adjustable viewing angle

### DISPLAY
- 10.4" color display
- Touch screen with protective cover
- High contrast display
- User programmable displays, icons and graphics and layout

### STANDARD HARDWARE
- (1) Ethernet 10/100 (wired)
- (2) 24 VAC/DC inputs
- (2) 24 VAC/DC outputs
- (2) Configurable RS-232 / RS-422 / RS485 ports
- (1) RS-232 port
- (2) Memory card expansion slots
- (3) Expansion card slots
- (1) Scale input - up to 100 readings / sec
- (4) USB ports for standard PC connectible devices
  - USB mouse
  - USB keyboard
  - USB to RS2232 w/ FTDI Chip Set

### *OPTIONAL FEATURES*
- Up to 3 additional scale inputs
- Wi-Fi interface card
- Cellular Network Interface
- (4) input / (6) output card
- (8) input / (12) output card
- 2 or 4 port 232/422/485 adapter
- Pulse count input up to 2 KHz
- Analog input 0-10 V / 4-20 mA
- Analog output 0-10 V / 4-20 mA
- Sound card with microphone input




COC: 13-055
Canada: AM-6012

### SCALE INFORMATIONAL TERMINAL
The DD 1050 is a fully integrated scale information and control terminal, which has been specifically designed for ease of operator interaction. It features a large high resolution configurable graphic touch screen display and the flexibility to connect to many different types of external peripheral devices.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 1050 terminal, ensures simple connectivity with customers' own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal. By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

### APPLICATION FLEXIBILITY
DD 1050 terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to four independent scale inputs can be handled with the DD 1050. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 1050 terminal is a freely programmable device.

# Advanced DD Indicators

## DD 1050i Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100053 | DD 1050i Scale Terminal - ANALOG SCALE |
| 899-100056 | DD 1050i Scale Terminal - DIGITAL SCALE |

| Part Number | Options | |
|---|---|---|
| 899-100080 | Wall Mounting Kit | |
| 899-100063 | 4-Input / 6-Output Card | |
| 899-100103 | 8-Input / 12-Output Card | |
| 899-100064 | Serial Interface Adaptors (1) USB to RS232 (1) USB to RS422 | |
| 899-100210 | Quad Serial Interface (1) USB TO (4) RS232 Ports | |
| 899-100211 | Dual Serial Interface (1) USB TO (2) RS232 Ports | |
| 899-100212 | Single Serial Interface (1) USB TO (1) RS232 PORT | |
| 878-000024 | DD Series 4G Modem Kit | |
| 878-000025 | 1 Year Service DD 4G | |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output | |
| 899-100071 | SW MPP for DIADE Indicators | |
| 899-100072 | Second ANALOG Scale Interface | |
| 899-100073 | Interface Up To 3 ANALOG Scales | |
| 899-100074 | Interface Up To 4 ANALOG Scales | |
| 899-100075 | Second DIGITAL Scale Interface | (requires addition of 899-100121) |
| 899-100076 | Interface Up To 3 DIGITAL Scales | (requires addition of 899-100121) |
| 899-100077 | Interface Up To 4 DIGITAL Scales | (requires addition of 899-100121) |
| 899-100121 | Power Supply Card for DIGITAL Multi-Scale | |
| 878-000015 | Photo Eye Kit, Pair of Photo Eyes W/ Power Enclosure, Brackets & Cables | |

| Part Number | Parts |
|---|---|
| 899-100083 | DD 2050 / 1050 / 1050i Main Board |
| 899-100084 | DD 2050 / 1050 / 1050i Driver Card for Serial Outputs |
| 899-100097 | DD 1050i Power Supply |
| 899-100098 | DD 1050i Display Kit |
| 899-100099 | DD 1050 / 1010 Power Supply Card (DC / DC Analog Scale) |
| 899-100100 | DD 1050 / 1010 Power Supply Card (DC / DC Digital Scale) |
| 899-100101 | DD 1050 / 1050i Connection Cable - Main Board - Programming |

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

# Advanced DD Indicators

## DD 1010i Scale Terminal - Touch Screen

### ENCLOSURE
- Wall mount
- 304 stainless steel housing
- *IP68 / 69K ingress protection*
- *SS cord grip strain reliefs*
- Internal 110-240 VAC power supply

### DISPLAY
- 5.7" color display
- Touch screen with protective cover
- High contrast TFT technology color display
- User programmable displays, icons and graphics and layout

### STANDARD HARDWARE
- (1) Ethernet 10/100 (wired)
- (1) Configurable RS-232 / RS-422 / RS485 port
- (1) RS232 port
- (1) SD Memory card slot
- (2) Expansion card slots
- (1) Scale input (analog or digital) - up to 100 readings / sec.
- (1) External USB host port with waterproof cover
  USB to RS232 w/ FTDI Chip Set
- (1) Internal USB host port for optional PC connectible devices
  USB mouse
  USB keyboard



### *OPTIONAL FEATURES*
- One additional scale input (analog or digital)
- (4) input / (6) output card
- (8) input / (12) output card
- 2 or 4 port 232/422/485 adapter
- Pulse count input up to 2 KHz
- Analog input 0-10 V / 4-20 mA
- Analog output 0-10 V / 4-20 mA
- Cellular Network Interface

COC: 14-010A1
Canada: AM-5935C

### SCALE INFORMATION TERMINAL
The DD 1010i is a fully integrated scale information and control terminal, which has been specifically designed for ease of operator interaction. It features a color, 5.7" high resolution configurable graphic touch screen display and the flexibility to connect to many different types of external peripheral devices.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 1010i terminal, ensures simple connectivity with customers' own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal. By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

### APPLICATION FLEXIBILITY
DD 1010i terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to two independent scale inputs can be handled with the DD 1010i. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 1010i terminal is a freely programmable device.

# Advanced DD Indicators

## DD 1010i Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100109 | DD 1010i Scale Terminal, IP68 - ANALOG SCALE |
| 899-100110 | DD1010i Scale Terminal, IP68 - DIGITAL SCALE |

| Part Number | Options |
|---|---|
| 899-100063 | 4-Input / 6-Output Card |
| 899-100103 | 8-Input / 12-Output Card |
| 899-100112 | External Terminal Board for 8-Input / 12-Output Card |
| 899-100064 | Serial Interface Adaptors (1) USB to RS232 (1) USB to RS422 |
| 899-100210 | Quad Serial Interface (1) USB TO (4) RS232 Ports |
| 899-100211 | Dual Serial Interface (1) USB TO (2) RS232 Ports |
| 899-100212 | Single Serial Interface (1) USB TO (1) RS232 PORT |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output |
| 899-100071 | SW MPP for DIADE Indicators |
| 878-000024 | DD Series 4G Modem Kit |
| 878-000025 | 1 Year Service DD 4G |
| 899-100072 | Second ANALOG Scale Interface |
| 899-100113 | Software Option for PDF Printing |
| 899-100157 | DD1010 Wall Mount Bracket |
| 878-000015* | Photo Eye Kit, Pair of Photo Eyes W/ Power Enclosure, Brackets & Cables |

* Requires Item 899-100063 for I/O Inputs

| Part Number | Parts |
|---|---|
| 899-100114 | DD 1010 Main Board |
| 899-100115 | DD 1010 Core Card (New Version – CMX-300) |
| 899-100116 | DD 1010 5.7" Color Display |
| 899-100117 | DD 1010i / 700i Internal Cage Power Supply |
| 899-100099 | DD 1050 / 1010 Power Supply Card (DC / DC Analog Scale) |
| 899-100127 | DD1010i Swivel Table Bracket |

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

# Advanced DD Indicators

## DD 1010ic Scale Terminal - Touch Screen

### ENCLOSURE
- Desktop
- 304 stainless steel housing
- *IP65 front panel protection*
- *External connectors and wiring terminals*
- External 110-240 VAC to 12 VDC power supply

### DISPLAY
- 5.7" color display
- Touch screen with protective cover
- High contrast TFT technology color display
- User programmable displays, icons and graphics and layout

### STANDARD HARDWARE
- (1) Ethernet 10/100 (wired)
- (1) Configurable RS-232 / RS-422 / RS485 port
- (1) RS232 port
- (1) SD Memory card slot
- (2) Expansion card slots
- (1) Scale input (analog or digital) - up to 100 readings / sec.
- (2) USB host ports for optional PC connectible devices
  - USB mouse
  - USB keyboard
  - USB to RS232 w/ FTDI Chip Set



### *OPTIONAL FEATURES*
- One additional scale input (analog or digital)
- (4) input / (6) output card
- (8) input / (12) output card
- 2 or 4 port 232/422/485 adapter
- Pulse count input up to 2 KHz
- Analog input 0-10 V / 4-20 mA
- Analog output 0-10 V / 4-20 mA
- Cellular Network Interface

COC: 14-010A1
Canada: AM-5935C

### SCALE INFORMATION TERMINAL
The DD 1010ic is a fully integrated scale information and control terminal, which has been specifically designed for ease of operator interaction. It features a color, 5.7" high resolution configurable graphic touch screen display and the flexibility to connect to many different types of external peripheral devices.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 1010ic terminal, ensures simple connectivity with customers' own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal. By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

### APPLICATION FLEXIBILITY
DD 1010ic terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to two independent scale inputs can be handled with the DD 1010ic. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 1010ic terminal is a freely programmable device.

# Advanced DD Indicators

## DD 1010ic Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100107 | DD 1010ic Scale Terminal - ANALOG SCALE |
| 899-100108 | DD 1010ic Scale Terminal - DIGITAL SCALE |

| Part Number | Options |
|---|---|
| 899-100063 | 4-Input / 6-Output Card |
| 899-100103 | 8-Input / 12-Output Card |
| 899-100112 | External Terminal Board for 8-Input / 12-Output Card |
| 899-100064 | Serial Interface Adaptors (1) USB to RS232 (1) USB to RS422 |
| 899-100210 | Quad Serial Interface (1) USB TO (4) RS232 Ports |
| 899-100211 | Dual Serial Interface (1) USB TO (2) RS232 Ports |
| 899-100212 | Single Serial Interface (1) USB TO (1) RS232 PORT |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output |
| 899-100071 | SW MPP for DIADE Indicators |
| 878-000024 | DD Series 4G Modem Kit |
| 878-000025 | 1 Year Service DD 4G |
| 899-100072 | Second ANALOG Scale Interface |
| 899-100075 | Second DIGITAL Scale Interface (requires addition of 899-100121) |
| 899-100121 | Power Supply Card for DIGITAL Multi-Scale |
| 899-100113 | Software Option for PDF Printing |
| 899-100157 | DD1010 Wall Mount Bracket |
| 878-000015* | Photo Eye Kit, Pair of Photo Eyes W/ Power Enclosure, Brackets & Cables |

* Requires Item 899-100063 for I/O Inputs

| Part Number | Parts |
|---|---|
| 899-100114 | DD 1010 Main Board |
| 899-100115 | DD 1010 Core Card (New Version – CMX-300) |
| 899-100116 | DD 1010 5.7" Color Display |
| 899-100095 | DD 1050 / 1010ic External Power Supply |
| 899-100099 | DD 1050 / 1010 Power Supply Card (DC / DC Analog Scale) |
| 899-100100 | DD 1050 / 1010 Power Supply Card (DC / DC Digital Scale) |
| 899-100127 | DD1010i Swivel Table Bracket |

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

# Advanced DD Indicators

## DD 1010 Skynet Scale Terminal - Touch Screen

### ENCLOSURE
- Desktop
- ABS housing
- External connectors and wiring terminals
- External 110-240 VAC to 12 VDC power supply

### DISPLAY
- 5.7" color display
- Touch screen with protective cover
- High contrast TFT technology color display
- User programmable displays, icons and graphics and layout

### STANDARD HARDWARE
- High Speed 1 GHz Dual Core Processer
- 1 GByte Internal Memory
- (1) Ethernet 10/100 (wired)
- (1) Configurable RS-232 / RS-422 /RS485 port
- (2) RS232 ports
- (2) input / (2) 24VDC Output Opto-isolated Relays
- (2) Expansion card slots
- (1) Scale input (analog or digital) - up to 100 readings / sec.
  - Up to (12) 350 ohm Analog Cells (12 +12 duplex version)
  - Up to (16) Digital Cells (8 + 8 duplex version)
- (4) USB host ports for optional PC connectable devices
  - USB mouse
  - USB keyboard
  - USB to RS232 w/ FTDI Chip Set




COC:14-010A1
Canada: AM-5935C
OIML: R76/2006-A-GB1-18.15

### *OPTIONAL FEATURES*
- One additional scale input (analog or digital)
- (4) input / (6) output card
- (8) input / (12) output card
- (2) RS232/RS422 serial port card
- Wi-Fi Communication Device
- HDMI Card for External Repeater
- Pulse count input up to 2 KHz
- Analog input 0-10 V / 4-20 mA
- Analog output 0-10 V / 4-20 mA
- Cellular Network Interface

### SCALE INFORMATION TERMINAL
The DD 1010 Skynet is a fully integrated scale information and control terminal, which has been specifically designed for ease of operator interaction. It features a color, 5.7" high resolution configurable graphic touch screen display and the flexibility to connect to many different types of external peripheral devices.

### NETWORKED COMMUNICATIONS
The hardware configuration, together with the programming power of the DD 1010 Skynet terminal, ensures simple connectivity with customers' own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal. By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

### APPLICATION FLEXIBILITY
DD 1010 Skynet terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to two independent scale inputs can be handled with the DD 1010 Skynet. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process specific application programs can be developed and executed within the terminal. The DD 1010 Skynet terminal is a freely programmable device.

# Advanced DD Indicators

## DD 1010 Skynet Scale Terminal - Touch Screen

| Part Number | Description |
|---|---|
| 899-100181 | DD 1010 Skynet Scale Terminal - ANALOG SCALE |
| 899-100182 | DD 1010 Skynet Scale Terminal - DIGITAL SCALE |
| 899-100183 | DD 1010ic Skynet Scale Terminal - ANALOG SCALE |
| 899-100185 | DD 1010ic Skynet Scale Terminal - DIGITAL SCALE |
| 899-100187 | DD 1010i Skynet Scale Terminal - ANALOG SCALE |
| 899-100188 | DD 1010i Skynet Scale Terminal - DIGITAL SCALE |

| Part Number | Options |
|---|---|
| 899-100190 | DD1010 Skynet 8-Input / 12-Output Card |
| 899-100112 | External Terminal Board for 8-Input / 12-Output Card |
| 899-100191 | DD1010 Skynet Dual Serial Interface Card - Configurable RS-232 / RS-422 |
| 899-100066 | DD1010, DD1050, DD2050 Sensors Interface Card 4-20ma Input / Output |
| 899-100071 | SW MPP for DIADE Indicators |
| 899-100192 | DD1010 Skynet Second ANALOG Scale Interface |
| 899-100193 | DD1010 Skynet Second DIGITAL Scale Interface |
| 899-100202 | DD1010 Skynet Plate for DIGITAL Scale in Slot |
| 899-100121 | Digital Internal Power Regulator For Multi Scale Board |
| 899-100194 | Software Option for Connection of a Network Printer |
| 899-100113 | Software Option for Generation PDF Ticket for E-mailing |
| 899-100195 | DD1010 Skynet Wall Mount Bracket |
| 899-100219 | DD1010ic Skynet Wall Mount Bracket |
| 899-100129 | DD1010i Skynet Desk Stand |
| 899-100196 | DD1010 Skynet HDMI Output Expansion Card |
| 899-100067 | Sound Card |
| 899-100069 | Interface for - UMTS/WIFI/GPRS/EDGE/GSM/MSPDA |
| 899-100270 | USB to RS422 converter |

| Part Number | External Options |
|---|---|
| 878-000024 | DD Series 4G Modem Kit |
| 878-000025 | 1 Year Service DD 4G |
| 878-000015 | Photo Eye Kit, Pair of Photo Eyes W/ Power Enclosure, Brackets & Cables |
| 899-100197 | GATEWAY PROFINET IO (external) |
| 899-100198 | GATEWAY PROFIBUS DPV1 |
| 899-100199 | ETHERNET/IP gateway (external) |
| 899-100200 | MODBUS-RTU gateway (external) OC2753 |
| 899-100201 | MODBUS-RTU gateway (external) OC2754 |

| Part Number | Software Packages - *See the Software section for more details* |
|---|---|
| 878-100007 | Full version of ScaleSoft Software |
| 878-100009 | Lite version of ScaleSoft Software |
| 899-STDTIO | Standard Truck In /Truck Out Software |
| 899-TRUCKINOUT | Truck In /Truck Out Plus Software |

# Advanced DD Indicators

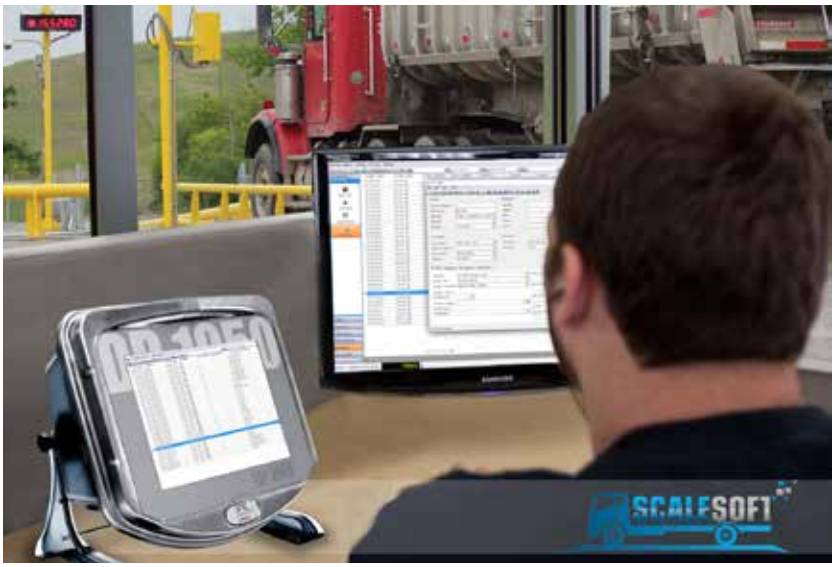
## DD 1010 Skynet Scale Terminal - Touch Screen

| Part Number | Parts |
|---|---|
| 899-100204 | DD 1010 Skynet Main Board |
| 899-100205 | DD 1010 Skynet Core Card |
| 899-100116 | DD 1010 Skynet 5.7" Color Display |
| 899-100203 | DD1010 Skynet Display Holder Card |
| 899-100095 | DD 1050 / 1010ic External Power Supply |
| 899-100099 | DD 1050 / 1010 Power Supply Card (DC / DC Analog Scale) |
| 899-100100 | DD 1050 / 1010 Power Supply Card (DC / DC Digital Scale) |
| 899-100206 | DD1010 Skynet Upper Housing and Overlay |
| 899-100207 | DD1010 Skynet Analog Scale Ribbon Cable from Main Board |
| 899-100208 | DD1010 Skynet Digital Scale Ribbon Cable from Main Board |
| 899-100209 | DD1010 Skynet 15cm White Flat Display Cable |
| 899-100217 | DD1010i Skynet Ribbon Cable Mother Board to Analog Converter L=20 CM |
| 899-100218 | DD1010i / DD1010ic Skynet White Flat Display Cable L=35 CM |

| Part Number | Software Packages |
|---|---|
| 878-100007 | Full version of ScaleSoft Software. See page 95 for more details. |
| 878-100009 | Lite version of ScaleSoft Software. See page 95 for more details. |
| Truck In/Out | Basic Truck I/O Software. See page 96 for more details. |
| 899-TRUCKINOUT | Advanced Truck I/O Software. See page 96 for more details. |
| Bilanciai SW | Bilanciai Single Weighing Software |
| Bilanciai DW | Bilanciai Double Weighing Software |

# Software

## ScaleSoft - Truck Management System




The true power of our weighing systems stems from our NTEP approved, uniquely developed software, ScaleSoft .NET. Encompassing more than scale traffic monitoring, ScaleSoft .NET can track materials, sales orders, invoices and more. Our software provides the flexibility to be used in any industry such as aggregate yards, coal mines, farming, recycling centers, waste transfer centers and more. ScaleSoft .NET Truck Management System software is designed to be fast, flexible and easy to use. It allows for simple fill in the blank setup and configuration within a familiar Windows-based application environment. ScaleSoft .NET is also part of a CTEP approved package.

**Features**
- Intuitive “fill in the blank” setup and data entry
- Minimal computer experience necessary
- Familiar Windows-based operator interface
- Import customer information from existing system
- Easily create, edit or void data during a transaction
- Remotely manage operator access levels
- Database backup and restore functions
- Easily configure ticket format and information
- Create and print daily / weekly / monthly reports
- Manage product descriptions, inventory in/out and pricing
- Interface with QuickBooks
- Connect to signature pad & photo ID scanner
- Connect to network camera system
- Connect to license plate scan / capture camera
- Capture and store all peripheral image data within transaction
- Interface to outdoor ticketing kiosk

Coal Option (ScaleSoft.NET only)
Data points for origin, destination, seam

Farm Option (ScaleSoft.NET only)
Data points for farms, fields, moisture, bushels

**ASP.NET**
Need to have access to the scale activity from more than one computer on your network? The ASP.NET add-on will allow any computer on the network with a web browser to log in without interrupting the operation of the scale. With the ASP.NET add-on you can view the scale activity, enter/edit data and create/print reports without installing any additional software on the client computer. Access to specific data can be restricted by password as needed.

**Unattended Terminal Interface**
With the B-TEK DD 2050 Unattended Scale Terminal and ScaleSoft Truck Management System software, it is possible to collect, organize and store any amount of data associated with a truck weighing: in/out weight, commodity code, truck ID, driver information, license plate image, and more … all while an operator is not present on-site. DD 2050 terminals are equipped with metrological software and hardware for complete management of the weighing device connected. Up to four independent scale inputs can be handled with the DD 2050. Each scale can have application specific operator interaction, graphics, data storage and communication with higher level systems. Process-specific application programs can be developed and executed within the terminal.

***ScaleSoft program requires one full license to be purchased for each site or location. A digital weight indicator with a serial output port or network weight is required. Installation additional, on a time & travel basis.***

| Advanced DD Software | Description |
|---|---|
| 878-100007 | ScaleSoft.NET Full License First PC 1: Truck Management System software for 1 PC (connected to the scale indicator). Digital link with license key provided for download from the internet. 1YR phone support included 8AM-5PM EST **See DD/ScaleSoft Feature list on the next page or call for details.** |
| 878-100009 | ScaleSoft Lite License First PC 1: Truck Management System software for 1 PC (connected to the scale indicator). Digital link with license key provided for download from the internet. 1YR phone support included 8AM-5PM EST **See DD/ScaleSoft Feature list on the next page or call for details.** |
| 878-100008 | ScaleSoft Additional License Additional PC: Truck Management System software for additional PC (other than the one connected to the scale indicator). Full or Lite license required. |
| 878-000010 | DD 2050 Unattended Terminal Software Site License for all 2050 Unattended Scale Terminals at single location. Interface ScaleSoft directly to DD 2050 terminal - data entered at terminal is captured and stored automatically by ScaleSoft. Includes: Unattended Hardware Kit: DIN Rail Print Server, 5 port 10/100 Unmanaged Switch, Print Server Serial Cable, 2x Patch Cable |
| 878-000009 | ASP.NET Site License: Web browser based add-on allowing an unlimited number of users to access a single, licensed ScaleSoft software installation. External users can have access to the ScaleSoft database through a remote PC.<br><br>*Can only be purchased to accompany a full licensed copy of ScaleSoft.NET software* |
| 899-DATASTUDIO | Data Studio - Modify, import and export data from DD indicators. Data Studio is backwards compatible with B-TEK Common Library which includes the server components. |
| 899-STDTIO | Standard Truck I/O Software comes standard with connectivity to scoreboards and photo eyes. It can be used attended or unattended depending on your need. |
| 899-TRUCKINOUT | Truck In/Out Plus includes built-in functionality for traffic lights, scoreboards, photo eyes, and more. It also features the ability to generate end-of-day reporting, integrate RFID technology, create custom prompts for any weighing application and can operate within an unattended mode. Additional functionality such as mobile access to data is also available through custom development and integration. |
| 899-NEXIA | Nexia - Cloud-based monitoring and reporting platform |

Nexia is a cloud-based platform that provides full insight into scale performance. It is designed to limit downtime by isolating and reporting hardware issues. Nexia provides detailed health monitoring with preventive maintenance suggestions and break fix solutions, resulting in decreased downtime and lower overall repair costs. It provides remote visibility into your scale, allowing technicians to arrive informed, prepared, and able to quickly solve outages. Offering analytics in real-time, Nexia also provides detailed performance data that can be easily viewed and exported into existing systems and software.

**Access Portal**
- Secure, 24x7 access from anywhere
- Quickly analyze trends and scale performance
- Generate, export and share performance reports

**Data Analytics**
- 54 points of data transferred and converted to usable scale information
- Analyze trends to optimize throughput and efficiency
- Identify unusual activity within a fleet of scales

**Troubleshooting**
- Arrive prepared with the proper equipment
- Quickly isolate and repair faulty hardware
- Recommended break/fix solutions

**Alert System**
- Preventative alerts prior to scale outage
- Automated scale outage notifications
- Abuse monitoring alerts
- Maintenance reminders

# Software

## DD/ScaleSoft - Feature List

| Features | Truck I/O | Truck I/O Plus | ScaleSoft Lite | ScaleSoft |
|---|---|---|---|---|
| Attended Weighing | ✓ | ✓ | ✓ | ✓ |
| Unattended Weighing | ✓ | ✓ | ✓** | ✓** |
| Unlimited Customers | ✓* | ✓* | ✓ | ✓ |
| Unlimited Products | ✓* | ✓* | ✓ | ✓ |
| Unlimited Haulers | ✓* | ✓* | ✓ | ✓ |
| Unlimited Stored Trucks | ✓* | ✓* | ✓ | ✓ |
| Stored Tare Weights | ✓ | ✓ | ✓ | ✓ |
| Export Completed Transactions to CSV | ✓ | ✓ | ✓ | ✓ |
| Customize Ticket Header | ✓ | ✓ | ✓ | ✓ |
| Modify Number of Print Tickets | ✓ | ✓ | ✓ | ✓ |
| B-TEK Photo Eye Support (Front & Back) | ✓ | ✓ | ✓ | ✓ |
| Unlimited Remote Display RS232/TCPIP (Gross) | ✓ | ✓ | ✓ | ✓ |
| Support for 4 Platforms for Axle Weighing | ✓ | ✓ | ✓ | ✓ |
| Custom Prompts without Validation | | ✓ | ✓ | ✓ |
| B-TEK RFID Reader for Stored Trucks | | ✓ | ✓** | ✓** |
| Daily Completed Transactions Reporting Email | | ✓ | | |
| Remote Push Button Zero Support | | ✓ | ✓** | ✓** |
| Traffic Light Support with Weight Threshold | | ✓ | ✓** | ✓** |
| Customizable Remote RS232/TCPIP | | ✓ | ✓** | ✓** |
| Share Database through SQL Server | | ✓ | ✓** | ✓** |
| Custom Prompts with Validation | | | ✓ | ✓ |
| 20+ Built-In Reports | | | ✓ | ✓ |
| Scheduled Email Reporting | | | ✓ | ✓ |
| Accept Weight from Any Indicator | | | ✓ | ✓ |
| Built-in Report Designer | | | ✓*** | ✓*** |
| Unlimited Users and Groups | | | | ✓ |
| Weigh from Unlimited Number of Scales | | | | ✓ |
| Track Inventory | | | | ✓ |
| Separate Pricing (Product/Customer/Job) | | | | ✓ |
| Job (Sales Order) Tracking | | | | ✓ |
| Invoice Generation | | | | ✓ |
| Quickbooks Syncing | | | | ✓ |
| Unlimited B-TEK Approved IP Camera Support | | | | ✓ |
| Hauling Rates | | | | ✓ |
| Track Trailers/Containers/Vendors/Rail Cars | | | | ✓ |

** Max number of records per database is 5,500. This includes transactional records, stored customers, products, haulers and trucks.*
*** Feature requires the use of a DDX0X0 indicator and ScaleSoft Unattended Module; both sold separately*
**** Built-in report designer does not include modifications of reports or tickets; nor training*

# Software

| Support | Description |
|---|---|
| 878-000011 | Annual Phone Support: 1-year of unlimited software phone support (Renewed Annually) |
| 878-000012 | Incident Phone Support: Software phone support on a per incident basis if no annual phone support contract is in place. |
| 878-000013 | On-Site Software Training / Support: On-Site visit to assist with installation of the software, setup customer information, create reports, format printed scale tickets, transfer of existing customer or transaction data into ScaleSoft database, operator training, etc. (Pricing per hour / mileage) |
| 878-000014 | Custom Report or Ticket Format: Creation of a single report format or printed scale ticket. (Pricing per hour) |

| Connectivity | |
|---|---|
| Unattended Hardware Kit with Switch | Required for each indicator to be attached to the unattended system: DIN Rail Print Server, 5 Port 10/100 Unmanaged Switch, Print Server Serial Cable, and 2x Patch Cable. Power supplies sold separately if required. |
| Unattended Hardware Kit without Switch | Required for each indicator to be attached to the unattended system: DIN Rail Print Server, Print Server Serial Cable, and 2x Patch Cable. Power Supplies sold separately if required. |
| 4G Modem Kit | Verizon Compatible 4G Modem, 10/100 Unmanaged Switch, 1 Patch Cable, 2x Magnetic Mount w/ 6ft cable, and 2x antenna. Power supplies sold separately if required. SERVICE SOLD SEPARATELY |
| 4G Service | 1-Year of Verizon 4G service w/ 1GB of data transmission per month. Overages billed at cost plus 10% administration fee. Check service area before ordering, recurring bill due 1 month prior to end of subscription, restocking and cancellation fee may apply. |

| Standard Software | |
|---|---|
| 899-DATAWEDGE | Data Wedge - Modify, import and export data from the T419 indicator over TCP/IP or serial connections. |
| 899-RELAYSERVER | Remotely view and manage multiple scales through a single online portal in real-time. Accept scale weights through TCP/IP or serial connections. Display weighments in real-time online and capture weights at preset intervals. |

| Training | Description |
|---|---|
| **Apprentice Tech Mentorship Program** | Six month training program including: 3.5 days of hands-on training at B-TEK, 50 online staged courses and assessments, a 65 point mentorship sheet for continued local training, (2) 45 minute check-ins, and access to our Certified Scale Technician Test. (per technician) |
| **Certified Scale Tech / Level 2 Training Program** | The level 2 training program builds upon the Apprentice Tech Training program covering: advanced troubleshooting techniques, digital truck scales, and data communications. This package includes 3.5 days of hands-on training at B-TEK, a 60 point advanced mentorship sheet for continued local training, and (2) 45 minute check-ins with one of our experts. (per technician) |
| **Apprentice + Certified Scale Tech Programs** | This includes the Apprentice Tech Mentorship and Certified Scale Tech / Level 2 Training programs. (per technician) |
| | *Distributor is responsible for travel expenses, lodging, and dinners. B-TEK provides transportation to and from the airport and hotel as well as lunch for all programs.* |

## ScaleSuite

ScaleSuite is a cutting-edge business management platform designed by and for the scale service industry. ScaleSuite empowers you to easily manage your customers information, scale details, technician scheduling, inventory tracking, document sharing, certificate storage and more. This user-friendly platform provides your team the ability to view and edit data from anywhere, as well as provide visibility to your customers. ScaleSuite is elevated with the ability to report on scale health and usage in real-time when combined with Nexia, B-TEK's live monitoring software.

**CRM Addon:**
- Prospect tracking – Organize potential projects
- Opportunity management – Track sales pipeline and won/lost projects
- Quote generation – Centrally manage pricing and maintain quote viability
- Vendor management – Track invoices and order confirmations
- Job tracking - Manage paperwork, track employee hours, generate purchase orders and more!

**Checklist Addon:**
- Maintain ISO certification with documented service and maintenance history
- Create and track custom procedural checklists
- Employees complete checklists through the mobile app
- Capture and submit any irregularities to management with optional photo support
- Notifications directly to management for repair and approval signoff

**Scale & Customer Management**
Easily manage your customer service contracts, scales, contacts, licensing, subscriptions and billing information.

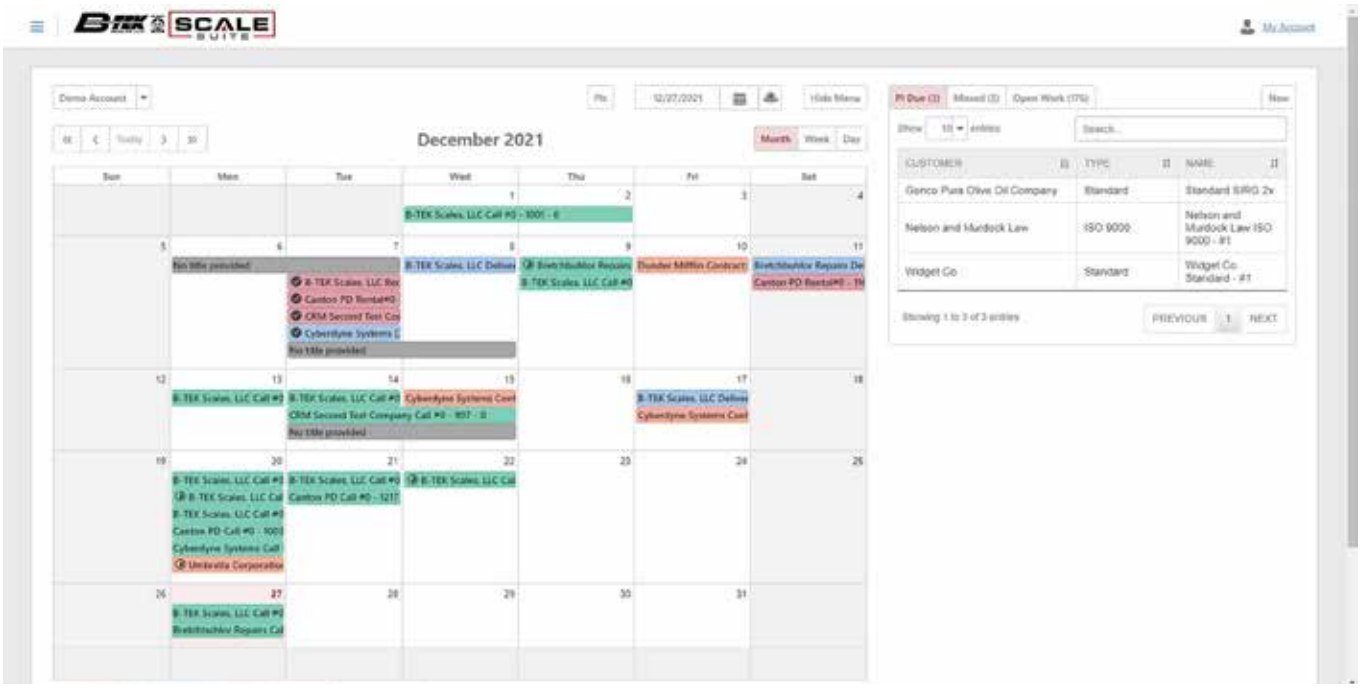
**Scheduling & Timecards**
Easily manage service calendars, preventative maintenance contracts, service calls and technician timecards.

**Intuitive Scale Service**
Built-in Handbook 44 compliance to help guide technicians through inspections and service using their mobile device.

**Certificate Management**
Secure portal for certificate and service report management, allowing access for both distributor and end-user.

**Data Storage**
B-TEK partners with Microsoft to ensure reliable access by backing up your data in multiple locations across the nation.

# Software


SCALE SUITE
December 2021
Month
Week
Day
CUSTOMER
TYPE
NAME
Gonco Pure Olive Oil Company
Standard
Standard SIRG 2v
Nelson and Murdock Law
ISO 9000
Nelson and Murdock Law ISO 9000 - #1
Widget Co
Standard
Widget Co Standard - #1
PREVIOUS
NEXT

# T401S

## STANDARD FEATURES

- Stainless steel (IP66) enclosure with swivel bracket
- Backlit 7-digit LCD display, 0.5" digit
- 7-button chemical resistant polycarbonate keypad
- Easy to navigate configuration menus
- Extensive built-in diagnostic screens
- Battery backed time/date/year
- Units: pounds, kilograms, once, gram, lb/oz, custom
- Scale input digital filtering
- (2) RS-232 serial port
- (1) Ethernet: TCP/IP, DHCP, Static IP
- (3) logic level inputs
- (3) set point outputs, open collector
- NTEP COC: 16-110




## TECHNICAL FEATURES

| | |
|---|---|
| Power Requirements | 90-264 VAC / 50-60 HZ line cord standard or 12-36 VDC |
| Power Consumption | 180 mA at 12 VDC w/ (4) 350 Ohm load cells |
| Scale Inputs | One standard |
| Max Load Cells | Capable of driving (4) 350 Ohm cells or (8) 700 Ohm cells |
| Load Cell Power Supply | 5 VDC, short circuit protected |
| Conversion Rate | 80 Hz |
| Signal Input Range | -1 mV/V to 5 mV/V |
| Sensitivity | 0.1 µV/V minimum - 0.5 µV/V recommended |
| Terminations | Detachable plug connectors w/ screws for wire termination |
| Operating Temperature | -10 to 40 C approved / -20 to 60 C maximum |
| Operating Applications | General weighing, general weighing with accumulation, check-weighing, counting, peak measurement, batching and remote display |

**OPTIONS**

| | |
|---|---|
| Battery Pack | Internal NiMH rechargeable pack, 18h one cell, 14h four cells, 5 hour charge time |
| Relay Interface | Set point interface enclosures and input / output modules |
| Ethernet Watertight Gland | Rubberized and sealed cable gland for Ethernet |
| DC Power Cable | Cable to attach with user supplied DC power source |

## T401S

| Part Number | Description |
|---|---|
| 825-200001 | T401S Indicator, SS Enclosure, Swivel Bracket |
| 825-250024 | T401S Main Board |

| Part Number | Options |
|---|---|
| 825-250001 | Internal NiMH Battery Pack and Recharging Circuitry |
| 825-250002 | NiMH Batter Pack Only |
| 825-250003 | T401 / T403 External Agency Sealing Kit |
| 825-250004 | External Watertight Gland for Ethernet |
| 825-250006 | T401 / T403 DC Power Cable with Bare Leads and Connector (9') |
| 825-250027 | T401S Internal Power Supply |
| 825-250048 | T401 / T403 / T405 Splash Guard Vinyl Cover |
| 825-250010 | PC Based Setup Program and Tools |
| 825-250067 | T401 Internal Power Supply Switching 24VDC 20W |
| 825-250077 | T401 / T403 / T405 TB Connector Kit |
| 825-250074 | T401 Subassebmly Enclosure with B-TEK Keypad |
| 825-05-507911 | T401 / T403 / T405 / T419 Indicator Bracket Knobs (Set of 2) |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |
| 825-05-506054 | Acorn Nut Kit – 100 each |

| Part Number | I/O Modules | |
|---|---|---|
| 825-250007 | Kit, External TS-OPTO Relay Board Only - 3 Input / 3 Output for G4 Relays | |
| | | |
| 825-250011 | G4IDC5D | - 2.5 to 28 Volt DC Input Module |
| 825-250012 | G4IDC5B | - 4 to 16 Volt DC Input Module |
| 825-250013 | G4IDC5 | - 10 to 32 Volt AC/DC Input Module |
| 825-250014 | G4IDC5G | - 35 to 60 Volt AC/DC Input Module |
| 825-250015 | G4IAC5 | - 90 to 140 Volt AC/DC Input Module |
| 825-250016 | G4IAC5A | - 180 to 280 Volt AC/DC Input Module |
| 825-250017 | G4ODC5R | - 0.5A SPST Normally Open Dry Contact Relay |
| 825-250018 | G4ODC5R5 | - 0.5A SPST Normally Closed Dry Contact Relay |
| 825-250019 | G4ODC5 | - 5 to 60 Volt DC Output Module |
| 825-250020 | G4ODC5A | - 5 to 200 Volt DC Output Module |
| 825-250021 | G4OAC5 | - 12 to 140 Volt AC Output Module |
| 825-250022 | G4OAC5A | - 24 to 280 Volt AC Output Module |
| 825-250023 | G4OAC5A5 | - 24 to 280 Volt AC Output Module (NC) |

# Indicators

## T403S / T403SP

### STANDARD FEATURES

- T403S Stainless steel (IP69K) desktop enclosure with swivel bracket
- T403SP stainless panel mount enclosure
- 7-digit high contrast green on black display, 0.8" digit
- 24-button chemical resistant polycarbonate keypad
- Easy to navigate configuration menus
- Extensive built-in diagnostic screens
- Battery backed time/date/year
- Units: pounds, kilograms, once, gram, lb/oz, custom
- Scale input digital filtering
- (2) RS-232 serial port
- (1) Ethernet: TCP/IP, Ethernet IP, Modbus/TCP
- (1) USB Host: printer, flash memory
- (3) logic level inputs
- (3) set point outputs, open collector
- NTEP COC: 16-111




### TECHNICAL FEATURES

| | |
|---|---|
| Power Requirements | Desktop: 90-264 VAC / 50-60 HZ power cord standard or 12-36 VDC<br>Panel Mount: No internal AC power supply - 12-36 VDC supplied from external source |
| Power Consumption | 200 mA at 12 VDC w/ (1) 350 Ohm load cells<br>250 mA at 12 VDC w/ (6) 350 Ohm load cells |
| Scale Inputs | One standard |
| Max Load Cells | Capable of driving (6) 350 Ohm cells or (12) 700 Ohm cells |
| Load Cell Power Supply | 5 VDC, short circuit protected |
| Conversion Rate | 80 Hz |
| Signal Input Range | -1 mV/V to 5 mV/V |
| Sensitivity | 0.1 µV/V minimum - 0.5 µV/V recommended |
| Terminations | Detachable plug connectors w/ screws for wire termination |
| Operating Temperature | -10 to 40 C approved / -20 to 60 C maximum |
| Operating Applications | General weighing, general weighing with accumulation, checkweighing, counting, peak measurement, batching, and remote display - see user guide for full descriptions |

**OPTIONS**

| | |
|---|---|
| Battery Pack | Attachable external D battery enclosure, 12h one cell, 11h four cells |
| Relay Interface | Set point interface enclosures and input / output modules |
| Analog Output Card | 0-5 VDC, 0-10 VDC, and 4-20 mA |
| Current Loop Card | Current loop and RS-485 / RS-422 |
| USB Device Card | USB interface to PC (not for USB keyboard) |
| Wireless Ethernet Card | Internal 802.11 b/g wireless kit w/ antenna |
| USB Watertight Gland | Rubberized and sealed cable gland for USB |
| Ethernet Watertight Gland | Rubberized and sealed cable gland for Ethernet |
| DC Power Cable | Cable to attach with user supplied DC power source |

## T403S / T403SP

| Part Number | Description |
|---|---|
| 825-200003 | T403S Indicator, SS Enclosure, Swivel Bracket |
| 825-200006 | T403SP Indicator, Panel Mount, DC Power (Ext Power Supply 825-250078) |
| 825-250035 | T403S/SP Main Board |

| Part Number | Options |
|---|---|
| 825-250028 | T403 / T405 / T419 Analog Output Option Card 4-20mA, 0-10V, 0-5V |
| 825-250029 | T403 / T405 / T419 Current Loop, RS-485 / RS-422 Option Card |
| 825-250030 | T403 / T405 / T416 USB Device Option Card |
| 825-250031 | T403 / T405 / T419 Wireless Ethernet Option Card - 802.11abgn Module with Antenna |
| 825-250032 | T403 / T405 / T419 Internal 120 VAC Relay Option Card (IP69K enclosure only) |
| 825-250033 | T403 / T405 External D Battery Enclosure (batteries not included) |
| 825-250034 | T403 / T405 / T419 USB Watertight Cable Gland |
| 825-250004 | T-Series Ethernet Watertight Cable Gland |
| 825-250003 | T-Series External Agency Sealing Kit - 2 Acorn Nuts w/stickers |
| 825-250048 | T401 / T403 / T405 Splash Guard Vinyl Cover |
| 825-250010 | PC Based Setup Program and Tools |
| 825-250078 | T403 / T405 / T419 External PS Module - DC Output (panel mount only) |
| 825-250077 | T401 / T403 / T405 TB Connector Kit |
| 825-250038 | T403 / T405 Internal Power Supply Board Kit |
| 825-05-507911 | T401 / T403 / T405 / T419 Indicator Bracket Knobs (Set of 2) |
| 825-250075 | T403S Desktop Subassembly Enclosure with B-TEK Keypad |
| 825-250037 | T403S Panel Mount Keypad Overlay |
| 825-250036 | T403 Display Board *(Requires 825-250070 Segment) Board only w/o Segment* |
| 825-250070 | T403 Display IBN Segment Only |
| 825-250060 | OPTO ISO 12-140 @ 3A for 16 POS I/O's |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |
| 825-05-506054 | Acorn Nut Kit – 100 each |

| Part Number | OPTO I/O Modules | |
|---|---|---|
| 825-250007 | Kit, External TS-OPTO Relay Board Only - 3 Input / 3 Output for G4 Relays | |
| 825-250085 | T-Series Option Enclosure (Stainless) | |
| 825-250011 | G4IDC5D | - 2.5 to 28 Volt DC Input Module |
| 825-250012 | G4IDC5B | - 4 to 16 Volt DC Input Module |
| 825-250013 | G4IDC5 | - 10 to 32 Volt AC/DC Input Module |
| 825-250014 | G4IDC5G | - 35 to 60 Volt AC/DC Input Module |
| 825-250015 | G4IAC5 | - 90 to 140 Volt AC/DC Input Module |
| 825-250016 | G4IAC5A | - 180 to 280 Volt AC/DC Input Module |
| 825-250017 | G4ODC5R | - 0.5A SPST Normally Open Dry Contact Relay |
| 825-250018 | G4ODC5R5 | - 0.5A SPST Normally Closed Dry Contact Relay |
| 825-250019 | G4ODC5 | - 5 to 60 Volt DC Output Module |
| 825-250020 | G4ODC5A | - 5 to 200 Volt DC Output Module |
| 825-250021 | G4OAC5 | - 12 to 140 Volt AC Output Module |
| 825-250022 | G4OAC5A | - 24 to 280 Volt AC Output Module |
| 825-250023 | G4OAC5A5 | - 24 to 280 Volt AC Output Module (NC) |

# T405S / T405SP

## STANDARD FEATURES

- Freely programmable via LUA and GSE macro script
- T405S stainless steel (IP69K) desktop enclosure with swivel bracket
- T405SP stainless panel mount enclosure
- 7-digit (0.8") display w/ 3 line x 6 character graphic array
- 24-button keypad w/ audible confirmation of press
- Easy to navigate configuration menus
- Extensive built-in diagnostic screens
- Battery backed time/date/year
- Units: pounds, kilograms, once, gram, lb/oz, custom
- Scale input digital filtering
- (2) RS-232 serial port
- (1) Ethernet: TCP/IP, Ethernet IP, Modbus/TCP
- (1) USB host: printer, flash memory, keyboard
- (3) logic level inputs
- (3) set point outputs, open collector
- (16) external I/O via optional interface
- NTEP COC: 16-112







## TECHNICAL FEATURES

| | |
|---|---|
| Power Requirements | 90-264 VAC / 50-60 HZ line cord standard or 12-36 VDC<br>Panel Mount: No internal AC power supply - 12-36 VDC supplied from external source |
| Power Consumption | 250 mA at 12 VDC w/ (1) 350 Ohm load cell<br>600 mA at 12 VDC with (14) 350 Ohm load cells |
| Scale Inputs | One standard and second scale input option card |
| Max Load Cells | Capable of driving (16) 350 Ohm cells or (32) 700 Ohm cells |
| Load Cell Power Supply | 10 VDC (+/- 5 VDC), short circuit protected |
| Conversion Rate | 100 Hz |
| Signal Input Range | -1 mV/V to 5 mV/V |
| Sensitivity | 0.1 µV/V minimum - 0.5 µV/V recommended |
| Terminations | Detachable plug connectors w/ screws for wire termination |
| Operating Temperature | -10 to 40 C approved / -20 to 60 C maximum |
| Operating Applications | General weighing, general weighing with accumulation, checkweighing, counting, peak measurement, batching, remote display, and freely programmable application programs via LUA and GSE Macro script |

**OPTIONS**

| | |
|---|---|
| Battery Pack | Attachable external D battery enclosure, 12h one cell, 11h four cells |
| Relay Interface | Set point interface enclosures and input / output modules |
| Analog Output Card | 0-5 VDC, 0-10 VDC and 4-20 mA |
| Current Loop Card | Current loop and RS-485 / RS-422 |
| USB Device Card | USB interface to PC |
| Wireless Ethernet Card | Internal 802.11b/g wireless kit w/antenna |
| Internal Relay | Internal 120 VAC relay module |
| Second Scale Input | Scale input w/ 5 VDC excitation |
| Second Scale Input | Scale input w/ 10 VDC excitation w/ surge protection |
| Relay Kit | Internal (4) relay, 3-60 VDC @ 2A output |
| Relay Kit | Internal (4) relay, 20-240 VAC @ 1A output |
| Relay Kit | Internal (4) relay, 4-30 VDC input |
| Relay Kit | Internal (4) relay, 120-240 VAC input |
| Surge Voltage Kit | Severe transient voltage suppressor (SVTS) |
| USB Watertight | Gland Rubberized and sealed cable gland for USB |
| Ethernet Watertight | Gland Rubberized and sealed cable gland for Ethernet |
| DC Power Cable | Cable to attach with user supplied DC power source |
| Profibus | Profibus module |
| DeviceNet | DeviceNet module |

## T405S / T405SP

| Part Number | Description |
|---|---|
| 825-200005 | T405S Indicator, SS Enclosure, Desktop Swivel Bracket |
| 825-200007 | T405SP Indicator, Panel Mount, DC Power (External Power Supply 825-250078) |
| 825-250050 | T405S/SP Main Board Replacement |

| Part Number | Options |
|---|---|
| 825-250028 | T403 / T405 / T419 Analog Output Option Card 4-20mA, 0-10V, 0-5V |
| 825-250029 | T403 / T405 / T419 Current Loop, RS-485 / RS-422 Option Card |
| 825-250030 | T403 / T405 / T419 USB Device Option Card |
| 825-250031 | T403 / T405 / T419 Wireless Ethernet Option Card - 802.11abgn Module with Antenna |
| 825-250032 | T403 / T405 / T419 Internal 120 VAC Relay Opt Card (IP69K enclosure only) |
| 825-250039 | T405 / T419 Second Scale Input Option Card (5V Ex) |
| 825-250040 | T405 / T419 Second Scale Input Option Card (10V Ex) w/ STVS |
| 825-250048 | T401 / T403 / T405 Splash Guard Vinyl Cover |
| 825-250033 | T403 / T405 External D Battery Enclosure (batteries not included) |
| 825-250034 | T403 / T405 USB Watertight Cable Gland |
| 825-250004 | T-Series Ethernet Watertight Cable Gland |
| 825-250078 | T403 / T405 / T419 External PS Module - DC Output (panel mount only) |
| 825-250049 | T405 Severe transient voltage suppressor (SVTS) |
| 825-250003 | T-Series External Agency Sealing Kit |
| 825-250010 | PC Based Setup Program and Tools |
| 825-250055 | T405 / T419 Profibus Interface Option Card |
| 825-250056 | T405 / T419 Device Net Interface Option Card |
| 825-250057 | T405 / T419 RS-232 Serial Expansion Board (Programmed) |
| 825-250082 | T405S / T419S Barrier Box, Assembled |
| 825-250077 | T401 / T403 / T405 TB Connector Kit |
| 825-250038 | T403 / T405 Internal Power Supply Board Kit |
| 825-05-507911 | T401 / T403 / T405 / T419 Indicator Bracket Knobs (Set of 2) |
| 825-250076 | T405 Desktop Subassembly Enclosure with B-TEK Keypad |
| 825-250052 | T405 Panel Mount Keypad Overlay |
| 825-250072 | T405S Display - Segment Only |
| 825-250073 | T405S Display Board *(requires 825-250072)* |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |
| 825-05-506054 | Acorn Nut Kit – 100 each |

## T405S / T405SP

| Part Number | SSCU-8 I/O Board - Enclosures - Modules | |
|---|---|---|
| 825-250007 | Kit, External TS-OPTO Relay Board Only - 3 Input / 3 Output for G4 Relays | |
| 825-250085 | T-Series Option Enclosure (Stainless) | |
| 825-250045 | T405 / T419 External I/O Interface Board | |
| 825-250053 | T405 / T419 SSCU-8 Board Only (requires 825-250045) | |
| **Relays** | | |
| 825-250011 | G4IDC5D | - 2.5 to 28 Volt DC Input Module |
| 825-250012 | G4IDC5B | - 4 to 16 Volt DC Input Module |
| 825-250013 | G4IDC5 | - 10 to 32 Volt AC/DC Input Module |
| 825-250014 | G4IDC5G | - 35 to 60 Volt AC/DC Input Module |
| 825-250015 | G4IAC5 | - 90 to 140 Volt AC/DC Input Module |
| 825-250016 | G4IAC5A | - 180 to 280 Volt AC/DC Input Module |
| 825-250017 | G4ODC5R | - 0.5A SPST Normally Open Dry Contact Relay |
| 825-250018 | G4ODC5R5 | - 0.5A SPST Normally Closed Dry Contact Relay |
| 825-250019 | G4ODC5 | - 5 to 60 Volt DC Output Module |
| 825-250020 | G4ODC5A | - 5 to 200 Volt DC Output Module |
| 825-250021 | G4OAC5 | - 12 to 140 Volt AC Output Module (NO) |
| 825-250022 | G4OAC5A | - 24 to 280 Volt AC Output Module (NO) |
| 825-250023 | G4OAC5A5 | - 24 to 280 Volt AC Output Module (NC) |
| 825-250041 | | T405 / T419 Internal (4) Relay, 3-60 VDC @ 2A Output Option Card |
| 825-250042 | | T405 / T419 Internal (4) Relay, 20-240 VAC @ 1A Output Option Card |
| 825-250043 | | T405 / T419 Internal (4) Relay, 4-30 VDC Input Option Card |
| 825-250044 | | T405 / T419 Internal (4) Relay, 120-240 VAC Input Option Card |
| 825-250060 | | TSeries OPTO Isolator 12-140 VAC @ 3A for 16 position board |

| Part Number | 16 Position I/O Board - Enclosures - Modules |
|---|---|
| 825-250045 | T405 / T419 External I/O Interface Board |
| 825-250046 | T405 / T419 (16) Position I/O Board Only (requires 825-250045 and 825-250047) |
| 825-250087 | T405 / T419 (16) Position I/O Board - 18" Interconnect Cable |
| 825-250086 | T405 / T419 (16) Position I/O Board - 36" Interconnect Cable |
| 825-250047 | T405 / T419 (16) Position I/O Board - 60" Interconnect Cable |

# Indicators

## T419S / T419SP

### STANDARD FEATURES

- Freely programmable via LUA and GSE Macro script
- T419S stainless (IP69K) desktop enclosure with swivel bracket
- T419SP stainless panel mount enclosure
- 320 x 160 wide angle, high brightness graphic display
- 29-button keypad w/ audible confirmation of press
- Easy to navigate configuration menus
- Extensive built-in self diagnostics
- Battery backed time/date/year
- Units: pounds, kilograms, once, gram, lb/oz, ton, custom
- Scale input digital filtering
- (3) RS-232 serial ports
- (1) Ethernet: TCP/IP, Ethernet IP, Modbus/TCP
- (2) USB Host: printer, flash memory, keyboard
- (3) logic level inputs
- (3) set point outputs, open collector
- (16) external I/O via optional interface
- NTEP COC: 16-112







### TECHNICAL FEATURES

| | |
|---|---|
| Power Requirements | 90-264VAC / 50-60HZ power cord standard or 12-36 VDC<br>Panel Mount: No internal AC power supply - 12-36 VDC supplied from external source |
| Power Consumption | 300 mA @ 12 VDC w/ (1) 350 Ohm load cell<br>650 mA @ 12 VDC w/ (14) 350 Ohm load cells |
| Scale Inputs | One standard and up to four more scale input option card - five total scale inputs possible |
| Max Load Cells | Capable of driving (32) 350 Ohm cells or (64) 700 Ohm cells |
| Load Cell Power Supply | 10 VDC (+/- 5 VDC), short circuit protected |
| Conversion Rate | 100 Hz |
| Signal Input Range | -1 mV/V to 5 mV/V |
| Sensitivity | 0.1 µV/V minimum - 0.5 µV/V recommended |
| Terminations | Detachable plug connectors w/ screws for wire termination |
| Operating Temperature | -10 to 40 C approved / -20 to 60 C maximum |
| Operating Applications | General weighing and freely programmable application programs via LUA and GSE Macro script |

**OPTIONS**

| | |
|---|---|
| Relay Interface | Set point interface enclosures and input / output modules |
| Analog Output Card | 0-5 VDC, 0-10 VDC and 4-20 mA |
| Current Loop Card | Current loop and RS-485 / RS-422 |
| USB Device Card | USB interface to PC |
| Wireless Ethernet Card | Internal 802.11b/g wireless kit w/antenna |
| Internal Relay | Internal 120 VAC relay module |
| Multi-Scale Input | Scale input card w/ 5 VDC excitation |
| Multi-Scale Input | Scale input card w/ 10 VDC excitation w/ surge protection |
| Relay Kit | Internal (4) relay, 3-60 VDC @ 2A output |
| Relay Kit | Internal (4) relay, 20-240 VAC @ 1A output |
| Relay Kit | Internal (4) relay, 4-30 VDC input |
| Relay Kit | Internal (4) relay, 120-240 VAC input |
| Surge Voltage Kit | Severe transient voltage suppressor (SVTS) |
| USB Watertight Gland | Rubberized and sealed cable gland for USB |
| Ethernet Watertight Gland | Rubberized and sealed cable gland for Ethernet |
| DC Power Cable | Cable to attach with user supplied DC power source |
| Profibus | Profibus module |
| DeviceNet | DeviceNet module |

## T419S / T419SP

| Part Number | Description |
|---|---|
| 825-200019 | T419S Indicator, SS Enclosure, Desktop Swivel Bracket |
| 825-200519 | T419SP Indicator, Panel Mount, DC Power (Ext Power Supply 825-250078) |
| 825-250094 | T419 / T419SP Main Board Programmed |

| Part Number | Options |
|---|---|
| 825-250028 | T403 / T405 / T419 Analog Output Option Card 4-20mA, 0-10V, 0-5V |
| 825-250029 | T403 / T405 / T419 Current Loop, RS-485 / RS-422 Option Card |
| 825-250030 | T403 / T405 / T419 USB Device Option Card |
| 825-250031 | T403 / T405 / T419 Wireless Ethernet Option Card - 802.11abgn Module with Antenna |
| 825-250032 | T403 / T405 / T419 Internal 120 VAC Relay Card (IP69K enclosure only) |
| 825-250038 | T403-T405/T419 INTERNAL POWER SUPPLY BOARD KIT |
| 825-250039 | T405 / T419 Multi-Scale Input Option Card (5V Ex) |
| 825-250040 | T405 / T419 Multi-Scale Input Option Card (10V Ex) w/ STVS |
| 825-250041 | T405 / T419 Internal (4) Relay, 3-60 VDC @ 2A Output Option Card |
| 825-250042 | T405 / T419 Internal (4) Relay, 20-240 VAC @ 1A Output Option Card |
| 825-250043 | T405 / T419 Internal (4) Relay, 4-30 VDC Input Option Card |
| 825-250044 | T405 / T419 Internal (4) Relay, 120-240 VAC Input Option Card |
| 825-250034 | T403 / T405 / T419 USB Watertight Cable Gland |
| 825-250004 | T-Series Ethernet Watertight Cable Gland |
| 825-250078 | T403 / T405 / T419 External PS Module - DC Output (panel mount only) |
| 825-250049 | T405 / T419 Severe transient voltage suppressor (SVTS) |
| 825-250003 | T-Series External Agency Sealing Kit |
| 825-250010 | PC Based Setup Program and Tools |
| 825-250055 | T405 / T419 Profibus Interface Option Card |
| 825-250056 | T405 / T419 Device Net Interface Option Card |
| 825-250057 | T405 / T419 RS-232 Serial Expansion Board (Programmed) |
| 825-250082 | T405S / T419S Barrier Box, Assembled |
| 825-05-507911 | T401 / T403 / T405 / T419 Indicator Bracket Knobs (Set of 2) |
| 825-05-508865 | T419 Large Enclosure Bracket Stand without Knobs |
| 825-250089 | T419 Splash Guards |
| 825-250091 | T419 Desktop Gasket (Rear) |
| 825-250092 | T419 Panel Mount Gasket Kit (Front) |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |
| 825-05-508866 | T419SST Acorn Nut Kit – 100 each |
| 825-250095 | PDIO Option (PWM, Pulse Counting, SCR Module Control |
| 825-25-509308 | T419S Desktop Subassembly Encl w/BTEK Keypad |
| 825-05-509309 | T419S Panel Mount Front Frame & BTEK Keypad |

## T419S / T419SP

| Part Number | SSCU-8 I/O Board - OPTO I/O Board - Enclosures - Modules |
|---|---|
| 825-250007 | Kit, External TS-OPTO Relay Board Only - 3 Input / 3 Output for G4 Relays |
| 825-250085 | TS-OPTO Relay Board Enclosure (Stainless) |
| 825-250045 | T405 / T419 External I/O Interface Board |
| 825-250053 | T405 / T419 SSCU-8 Board Only (requires 825-250045) |
| | **Relays** |
| 825-250011 | G4IDC5D - 2.5 to 28 Volt DC Input Module |
| 825-250012 | G4IDC5B - 4 to 16 Volt DC Input Module |
| 825-250013 | G4IDC5 - 10 to 32 Volt AC/DC Input Module |
| 825-250014 | G4IDC5G - 35 to 60 Volt AC/DC Input Module |
| 825-250015 | G4IAC5 - 90 to 140 Volt AC/DC Input Module |
| 825-250016 | G4IAC5A - 180 to 280 Volt AC/DC Input Module |
| 825-250017 | G4ODC5R - 0.5A SPST Normally Open Dry Contact Relay |
| 825-250018 | G4ODC5R5 - 0.5A SPST Normally Closed Dry Contact Relay |
| 825-250019 | G4ODC5 - 5 to 60 Volt DC Output Module |
| 825-250020 | G4ODC5A - 5 to 200 Volt DC Output Module |
| 825-250021 | G4OAC5 - 12 to 140 Volt AC Output Module (NO) |
| 825-250022 | G4OAC5A - 24 to 280 Volt AC Output Module (NO) |
| 825-250023 | G4OAC5A5 - 24 to 280 Volt AC Output Module (NC) |

| Part Number | 16 Position I/O Board - Enclosures - Modules |
|---|---|
| 825-250045 | T405 / T419 External I/O Interface Board |
| 825-250046 | T405 / T419 (16) Position I/O Board Only (requires 825-250045 and 825-250047) |
| 825-250087 | T405 / T419 (16) Position I/O Board - 18" Interconnect Cable |
| 825-250086 | T405 / T419 (16) Position I/O Board - 36" Interconnect Cable |
| 825-250047 | T405 / T419 (16) Position I/O Board - 60” Interconnect Cable |

## T503W - Impact / Waterproof

- NTEP COC: 11-093
- Capacitive touch keys
- Programmable function key
- Large 0.8" LCD segments
- Configurable White LED backlit display
- Extremely durable (PBT) Polyester alloy enclosure
- Waterproof, IP68 and IP69K rated enclosure
- 5V excitation powers up to (4) 350Ω cells
- Built-in clock / calendar
- (1) duplex RS-232 port
- Peak-hold function
- Parts counting mode
- Check-weigh function with tri-color LED
- (1) input & (3) isolated outputs
- Simple menu navigation and configuration
- PC configurable from front panel with optical cable
- Configurable print format




**Indicator includes: AC line cord and stainless swivel bracket**

| Part Number | Description |
|---|---|
| 822-200000 KIT | T503W - 110-240 VAC internal power supply and swivel bracket |
| 822-200004 KIT | T503W - 12 VDC battery powered indicator and swivel bracket |

| Part Number | Parts |
|---|---|
| 822-200001 | Stainless steel swivel bracket |
| 822-200005 | Battery charger - AC wall adapter for T503W with internal battery |
| 822-200007 | T503W NiMH Replacement Battery Pack |
| 822-200009 | T503W Overlay |
| 822-200022 | T503W AC Power US Line Cord 3-Pin New Style |
| 822-200023 | T503W AC PSU Rear Shell with Line Cord |
| 822-200016 | T503W M6 Knobs for Stainless Steel Stand (includes washers) |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |

## BWS - Battery Powered

- NTEP COC: 12-091
- EXTRA LARGE 2" LCD digits
- White LED backlit display
- Durable stainless steel enclosure
- Powers up to (4) 350Ω cells
- Sealed lead-acid battery—6V / 4Ah
- 90-hour typical single cell battery operation
- (1) RS-232 port
- Weight accumulation function
- Check-weigh function with front panel LEDs
- Simple menu navigation and configuration
- Homerun (20') cable with connector attached




**Indicator includes: AC line cord powered, swivel bracket and built-in rechargeable battery, 20' homerun cable**

| Part Number | Description |
|---|---|
| 899-300024 | BWS - Indicator Kit |

| Part Number | Replacement Parts |
|---|---|
| 899-300041 | BWS Homerun Cable - 20' Length w/ Attached 9-Pin Connector |
| 899-300085 | BWS Main Board w/ Connectors |
| 899-300022 | Replacement Battery - C100 Counting Scale & BWS Indicator |
| 899-300086 | BWS Keypad Overlay |
| 899-300087 | BWS RS-232 Board w/ Connectors |

## T103P - Battery Powered

- NTEP COC: 08-084A1
- Canadian Approval: AM-6116C
- Large 1" LCD segments
- Configurable White LED backlit display
- Durable ABS indicator enclosure
- Wear resistant display panel overlay
- Powers up to (4) 350Ω cells
- Sealed lead-acid battery - 5 amp / hour
- 100-hour typical single cell battery operation
- Screw terminals for load cell wiring
- (1) duplex RS-232 port (external DB9)
- Units: lb, oz, lb:oz, kg, g
- Parts counting mode
- Selectable capacity range: 5 to 20,000 units
- Maximum displayed resolution: 10,000 divisions
- Simple menu navigation and configuration




**Indicator includes: Wall plug AC adapter, swivel bracket and built-in rechargeable battery**

| Part Number | Description |
|---|---|
| 821-700000 | T103P - Indicator Kit |

| Part Number | Parts |
|---|---|
| 821-750000 | T103P Main Board w/ Push Buttons and LCD Display |
| 821-750001 | T103P Front Panel Overlay |
| 821-750002 KIT | T103P AC Wall Adapter, Includes (4) Interchangeable Plugs |
| 821-750003 | T103P Swivel Bracket |
| 821-750004 | T103 Tension Knobs for Swivel Bracket (Set of Two) |
| 821-750005 | T103P / T103SB Sealed Lead-Acid Battery |
| 821-750007 | Plugs only - 4 each with US prongs |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |

## T103SB - Battery Powered

- NTEP COC: 08-084A1
- Canadian Approval: AM-6116C
- Large 1" LCD segments
- Configurable White LED backlit display
- Stainless steel NEMA 4X / IP65 enclosure
- Wear resistant display panel overlay
- Powers up to (4) 350Ω cells
- Internal 100-240 VAC power supply
- Sealed lead-acid battery
- 58-hour typical single cell battery operation
- Screw terminals for load cell wiring
- (1) duplex RS-232 port
- Units: lb, oz, lb:oz, kg, g
- Parts counting mode
- Selectable capacity range: 5 to 20,000 units
- Maximum displayed resolution: 20,000 divisions
- Simple menu navigation and configuration




**Indicator includes: AC line cord, stainless steel swivel bracket and built-in rechargeable battery**

| Part Number | Description |
|---|---|
| 821-800001 | T103SB - Indicator Package |

| Part Number | Parts |
|---|---|
| 821-850006 | T103SB Main Board |
| 821-850007 | T103SB Internal Power Supply |
| 821-750005 | T103P / T103SB Sealed Lead-Acid Battery |
| 821-850001 | T103S Front Panel Overlay, Active Keypad |
| 821-850003 | T103S Swivel Bracket |
| 821-850004 | T103S Rear Case Bolts |
| 821-750004 | T103 Tension Knobs for Swivel Bracket (Set of Two) |
| 825-250093 | TSeries Desktop AC Line Cord Kit (Cord, Conn, and Grip) |

## D70ES

- NTEP COC: 17-010
- Canadian Approval: AM-6054C
- Large 0.8" LED display
- Stainless IP66 enclosure
- 110-240 VAC powered
- Full numeric keypad w/ (9) function keys
- Powers up to (12) 350Ω / (24) 700Ω cells
- Programmable serial output string
- Secondary measurement unit
- Time and date
- (1) RS-232 serial port
- (1) RS-232 / RS-422 / Current Loop
- Application programs
  Truck In/Out (300 Truck Storage)
  Peak Hold
  Totalization
  Primary / Remote Display




| Part Number | Description |
|---|---|
| 899-100166 | D70ES - Indicator Package |

| Part Number | Parts |
|---|---|
| 899-100173 | D70ES Main Board |
| 899-100174 | D70ES Display Board |
| 899-100117 | DD1010i/DD700i/D70ES Internal Power Supply |
| 899-100175 | D70ES Analog Output Option Card 0-10VDC / 4-20MA |
| 899-100176 | D70ES 4-In / 4-Out I/O Exp Card |
| 899-100177 | D70ES TCP/IP Ethernet Exp Card |
| 899-100178 | D70ES Front Enclosure w/ Keypad |

# Indicators

## D410 / D450 / D800

COC: 03-066







**D410/450/800 Indicators have been replaced by the DD700. Please refer to the DD700 pages.**

| Part Number | Options |
|---|---|
| 899-100018 | D410 Stainless Steel Wall Mount Bracket |
| 899-100019 | D410 Stainless Steel Tilted Desktop Stand |
| 899-100008 | D450 Stainless Steel Tilted Desktop Stand |
| 899-100032 | Dialogik Indicator Ethernet Card |
| 899-100014 | Dialogik Indicator RS-232 / RS-422 / RS-485 Serial Port Card |
| 899-350004 | Dialogik Indicator (4) Input / (4) Output Card |
| 899-350003 | Dialogik Indicator Memory Expansion Card |
| 877-000232 | RS-232 In-line Surge Protection - Cylix DB9 RS-232 |
| 877-000422 | RS-485 In-line Surge Protection - Cylix DB9 RS-485 |

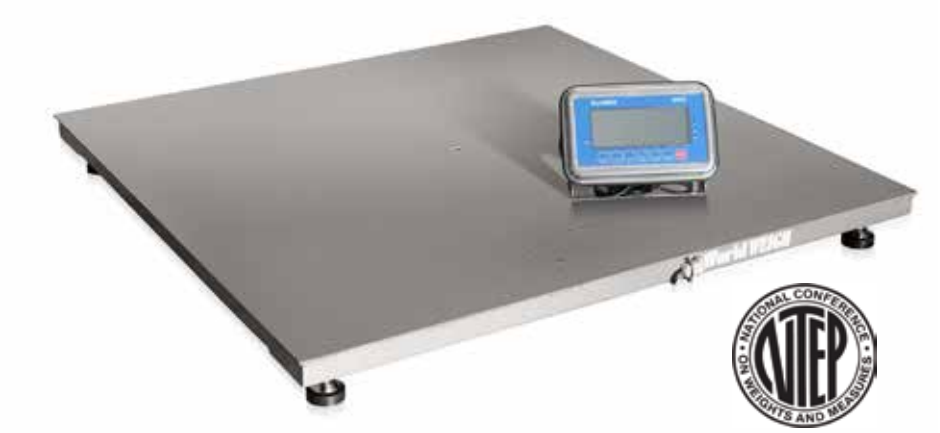
| Part Number | Replacement Parts |
|---|---|
| 899-341000 | D410 Main Board |
| 899-345000 | D450 Main Board |
| 899-380000 | D800 Main Board |
| 899-341001 | D410 Keypad / Overlay |
| 899-345002 | D450 Keypad / Overlay (complete with front panel) |
| 899-380001 | D800 Keypad / Overlay (complete with front panel) |
| 899-341002 | D410 / D450 LCD Display Board |
| 899-380002 | D800 / SELF800 LCD Display Board |
| 899-350000 | D410 / D800 Power Supply 110 VAC |
| 899-100102 | D410 Power Supply 12/24 VDC |
| 899-345001 | D450 Power Supply 110 VAC |
| 899-350001 | Dialogik Indicator ANALOG Load Cell Input Module |
| 899-350002 | Dialogik Indicator DIGITAL Load Cell Input Module |

# WorldWEIGH Floor Scale

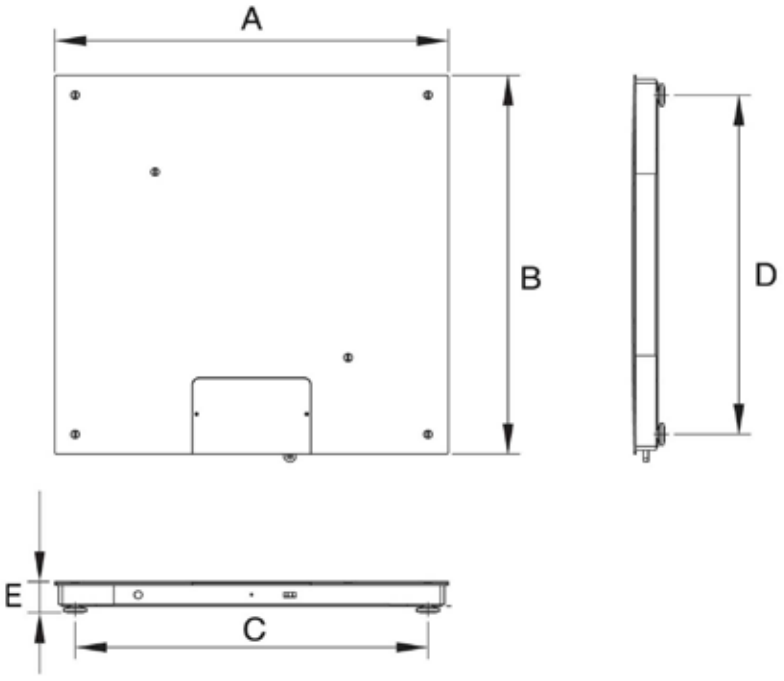
## 4x4 Floor Scale with BWS Indicator

### GENERAL SPECIFICATIONS

- NTEP COC: 13-001
- Factory Calibrated 5000 x 1 lb
- 4.5" nominal scale height
- Tread plate deck
- Top access stainless steel junction box
- (4) 2,500 lb load cells
- 2-1/2" diameter swivel base leveling feet
- Threaded plug for deck foot / lift eye holes
- (2) lifting eyes
- 14' poly coated metal braded sheathed cat with DB-9 connector for indicator
- Formed channel construction
- Gray epoxy paint



- NTEP Approved: COC 12-091
- BWS indicator durable stainless steel housing
- Backlit 2" tall LCD display
- Units: kg, lb
- AC line cord / Built-in rechargeable battery
- 30-hour typical battery operation
- (1) RS-232 serial port
- Simple menu navigation and configuration
- IP65 water resistance rating




**Actual Dimensions**

| | |
|---|---|
| **A** | **47.25"** |
| **B** | **47.25"** |
| **C** | **43.15"** |
| **D** | **43.15"** |
| **E** | **4.5"** |

**Ship Weight**

| | |
|---|---|
| Single Unit | 300 lb |
| Three Unit | 850 lb |

# WorldWEIGH Floor Scale

## 4x4 Floor Scale with BWS Indicator

| Part Number | Description |
|---|---|
| 899-300055 | WW-4848-5K-FC w/ BWS Indicator |
| | **Ramps and Bump Guards** |
| 899-300128 | 48" x 36" Tread plate mild steel ramp w/foot retaining plates |
| 899-300129 | 48" x 48" Tread plate mild steel ramp w/foot retaining plates |
| 899-300130 | 48" Bump guard with foot retaining plates |

| Part Number | Replacement Parts |
|---|---|
| 899-300056 | WW-4848 Floor scale leveling foot |
| 899-300057 | WW-4848 Floor scale 2K load cell |
| 899-300104 | WW-4848 Floor scale 2.5K load cell |
| 899-300058 | WW-4848 Stainless steel junction box & summing board |
| 899-300059 | WW-4848 Floor scale 4-cell summing board |
| 899-300060 | 14' Poly coated metal braid cable with DB-9 connector |
| 899-300061 | M16 lifting eye bolt |
| 899-300062 | 1/2-20 Fine thread 2" mounting bolt for load cell each |
| 899-300063 | Rubber grommet for homerun cable exit |
| 899-300093 | M16-2.0 threaded core plug WW floor scale |

# 4 Square

## Carbon Steel Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity: 5,000 lb
- End Load Capacity: 150%
- Scale Height: 3-1/2" nominal, adjustable
- Available Sizes: 4' x 4'
- Weighbridge: 3/16" carbon steel tread plate decking with formed channel sub-structure
- Deck: Top access junction box, threaded lifting eye bolt hole in platform center
- Paint System: Alkyd Enamel
- Load Cell: (4) 4,000 lb, plated alloy steel, 350 Ohms, 3.0 mV/V cells
- Leveling foot: B-TEK Level-Flex rubber feet - 2.5" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) box with signal trim summing board
- Accessories: Ramps, bump-guard, floor mounting plates
- Warranty: 1-Year on weighbridge steel structure, load cells, junction box and summing board



# 4 Square

## Carbon Steel Floor Scale

| Part Number | Model | |
|---|---|---|
| 910-1000 | BT-FC-4848-5-4S | |
| | **Ramps & Bump Guards** | |
| 917-1000 | 48" x 36" carbon steel ramp w/ foot retainer plates | |
| 917-1001 | 48" x 48" carbon steel ramp w/ foot retainer plates | |
| 917-1100 | 48" long carbon steel bump guard w/ foot retainer plates | |
| | **Pit Frame** | |
| 918-1100 | 48" x 48" carbon steel pit frame - 4-Square | |
| | **Packages** | |
| 910-1000-BWS | BT-FC-4848-5-4S-BWS | 48" x 48" CS FS - 5000 lb and BWS Indicator |
| | Includes: Floor scale, indicator, factory calibration | |
| 910-1000-T103P | BT-FC-4848-5-4S-T103P | 48" x 48" CS FS - 5000 lb and T103P Indicator |
| | Includes: Floor scale, indicator, 18' Quick disconnect cable, factory calibration | |
| 910-1000-T103SB | BT-FC-4848-5-4S-T103SB | 48" x 48" CS FS - 5000 lb and T103SB Indicator |
| | Includes: Floor scale, indicator, 18' Quick disconnect cable, factory calibration | |
| 910-1000-T401S | BT-FC-4848-5-4S-T401S | 48" x 48" CS FS - 5000 lb and T401S Indicator |
| | Includes: Floor scale, indicator, 18' Quick disconnect cable, factory calibration | |
| 910-1000-T403S | BT-FC-4848-5-4S-T403S | 48" x 48" CS FS - 5000 lb and T403S Indicator |
| | Includes: Floor scale, indicator, 18' Quick disconnect cable, factory calibration | |

# Clydesdale

## Carbon Steel Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity:
  500 x 0.1 lb
  1,000 x 0.2 lb
  2,500 x 0.5 lb
  5,000 x 1 lb
  10,000 x 2 lb
  20,000 x 5 lb
- Scale Height: 4-3/8" nominal (500 - 10K-SE) adjustable
  5-3/8" nominal (10K-LE - 20K) adjustable
- Available Sizes: 2' x 2' - 8' x 10' - NTEP Approved Sizes
  - **Any custom size platform available - 18" x 18" to 10' x 10'**
- Weighbridge: 1/4" carbon steel tread plate with formed channel sub-structure (2.5K - 10K-SE)
  3/8" carbon steel tread plate with structural channel sub-structure (10K-LE & 20K)
- Deck: Top access junction box, leveling foot adjustment holes
  Threaded lifting eye bolt holes: 5/8"-11 eyebolt
- Paint System: Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V, **FM Approved**
  - 500 lb capacity: (4) 250 lb cells
  - 1,000 lb capacity: (4) 500 lb cells
  - 2,500 lb capacity: (4) 1,000 lb cells
  - 5,000 lb capacity: (4) 4,000 lb cells standard in Clydesdale
  - 10,000 lb SE capacity: (4) 5,000 lb cells (small envelope)
  - 10,000 lb LE capacity: (4) 5,000 lb cells (large envelope)
  - 20,000 lb capacity: (4) 10,000 lb cells

  **Optional Stainless Steel cells are available for capacities of 1,000 lb and above**
- Leveling foot: B-TEK stainless steel ball encapsulated foot
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



# Clydesdale

## Carbon Steel Floor Scale

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 911-1100 | BT-FC-2424-2.5-CL | Painted Steel | 2' | 2' | 2.5K |
| 911-1101 | BT-FC-2424-5-CL | Painted Steel | 2' | 2' | 5K |
| 911-1102 | BT-FC-2424-10SE-CL | Painted Steel | 2' | 2' | 10K |
| 911-1103 | BT-FC-3030-2.5-CL | Painted Steel | 2' 6" | 2' 6" | 2.5K |
| 911-1104 | BT-FC-3030-5-CL | Painted Steel | 2' 6" | 2' 6" | 5K |
| 911-1105 | BT-FC-3030-10SE-CL | Painted Steel | 2' 6" | 2' 6" | 10K |
| 911-1106 | BT-FC-3624-2.5-CL | Painted Steel | 3' | 2' | 2.5K |
| 911-1107 | BT-FC-3624-5-CL | Painted Steel | 3' | 2' | 5K |
| 911-1108 | BT-FC-3624-10SE-CL | Painted Steel | 3' | 2' | 10K |
| 911-1109 | BT-FC-3636-2.5-CL | Painted Steel | 3' | 3' | 2.5K |
| 911-1110 | BT-FC-3636-5-CL | Painted Steel | 3' | 3' | 5K |
| 911-1111 | BT-FC-3636-10SE-CL | Painted Steel | 3' | 3' | 10K |
| 911-1112 | BT-FC-4824-2.5-CL | Painted Steel | 4' | 2' | 2.5K |
| 911-1113 | BT-FC-4824-5-CL | Painted Steel | 4' | 2' | 5K |
| 911-1114 | BT-FC-4824-10SE-CL | Painted Steel | 4' | 2' | 10K |
| 911-1115 | BT-FC-4836-2.5-CL | Painted Steel | 4' | 3' | 2.5K |
| 911-1116 | BT-FC-4836-5-CL | Painted Steel | 4' | 3' | 5K |
| 911-1117 | BT-FC-4836-10SE-CL | Painted Steel | 4' | 3' | 10K |
| 911-1118 | BT-FC-4848-2.5-CL | Painted Steel | 4' | 4' | 2.5K |
| 911-1119 | BT-FC-4848-5-CL | Painted Steel | 4' | 4' | 5K |
| 911-1120 | BT-FC-4848-10SE-CL | Painted Steel | 4' | 4' | 10K |
| 911-1121 | BT-FC-4848-10LE-CL | Painted Steel | 4' | 4' | 10K |
| 911-1122 | BT-FC-4848-20-CL | Painted Steel | 4' | 4' | 20K |
| 911-1123 | BT-FC-6036-2.5-CL | Painted Steel | 5' | 3' | 2.5K |
| 911-1124 | BT-FC-6036-5-CL | Painted Steel | 5' | 3' | 5K |
| 911-1125 | BT-FC-6036-10SE-CL | Painted Steel | 5' | 3' | 10K |
| 911-1126 | BT-FC-6036-10LE-CL | Painted Steel | 5' | 3' | 10K |
| 911-1127 | BT-FC-6036-20-CL | Painted Steel | 5' | 3' | 20K |
| 911-1128 | BT-FC-6048-2.5-CL | Painted Steel | 5' | 4' | 2.5K |
| 911-1129 | BT-FC-6048-5-CL | Painted Steel | 5' | 4' | 5K |
| 911-1130 | BT-FC-6048-10SE-CL | Painted Steel | 5' | 4' | 10K |
| 911-1131 | BT-FC-6048-10LE-CL | Painted Steel | 5' | 4' | 10K |
| 911-1132 | BT-FC-6048-20-CL | Painted Steel | 5' | 4' | 20K |
| 911-1133 | BT-FC-6060-2.5-CL | Painted Steel | 5' | 5' | 2.5K |
| 911-1134 | BT-FC-6060-5-CL | Painted Steel | 5' | 5' | 5K |
| 911-1135 | BT-FC-6060-10SE-CL | Painted Steel | 5' | 5' | 10K |
| 911-1136 | BT-FC-6060-10LE-CL | Painted Steel | 5' | 5' | 10K |
| 911-1137 | BT-FC-6060-20-CL | Painted Steel | 5' | 5' | 20K |
| 911-1138 | BT-FC-7236-2.5-CL | Painted Steel | 6' | 3' | 2.5K |
| 911-1139 | BT-FC-7236-5-CL | Painted Steel | 6' | 3' | 5K |
| 911-1140 | BT-FC-7236-10SE-CL | Painted Steel | 6' | 3' | 10K |
| 911-1141 | BT-FC-7236-10LE-CL | Painted Steel | 6' | 3' | 10K |
| 911-1142 | BT-FC-7236-20-CL | Painted Steel | 6' | 3' | 20K |

# Clydesdale

## Carbon Steel Floor Scale

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 911-1143 | BT-FC-7248-2.5-CL | Painted Steel | 6' | 4' | 2.5K |
| 911-1144 | BT-FC-7248-5-CL | Painted Steel | 6' | 4' | 5K |
| 911-1145 | BT-FC-7248-10SE-CL | Painted Steel | 6' | 4' | 10K |
| 911-1146 | BT-FC-7248-10LE-CL | Painted Steel | 6' | 4' | 10K |
| 911-1147 | BT-FC-7248-20-CL | Painted Steel | 6' | 4' | 20K |
| 911-1148 | BT-FC-7260-2.5-CL | Painted Steel | 6' | 5' | 2.5K |
| 911-1149 | BT-FC-7260-5-CL | Painted Steel | 6' | 5' | 5K |
| 911-1150 | BT-FC-7260-10SE-CL | Painted Steel | 6' | 5' | 10K |
| 911-1151 | BT-FC-7260-10LE-CL | Painted Steel | 6' | 5' | 10K |
| 911-1152 | BT-FC-7260-20-CL | Painted Steel | 6' | 5' | 20K |
| 911-1153 | BT-FC-7272-2.5-CL | Painted Steel | 6' | 6' | 2.5K |
| 911-1154 | BT-FC-7272-5-CL | Painted Steel | 6' | 6' | 5K |
| 911-1155 | BT-FC-7272-10SE-CL | Painted Steel | 6' | 6' | 10K |
| 911-1156 | BT-FC-7272-10LE-CL | Painted Steel | 6' | 6' | 10K |
| 911-1157 | BT-FC-7272-20-CL | Painted Steel | 6' | 6' | 20K |
| 911-1158 | BT-FC-8436-2.5-CL | Painted Steel | 7' | 3' | 2.5K |
| 911-1159 | BT-FC-8436-5-CL | Painted Steel | 7' | 3' | 5K |
| 911-1160 | BT-FC-8436-10SE-CL | Painted Steel | 7' | 3' | 10K |
| 911-1161 | BT-FC-8436-10LE-CL | Painted Steel | 7' | 3' | 10K |
| 911-1162 | BT-FC-8436-20-CL | Painted Steel | 7' | 3' | 20K |
| 911-1163 | BT-FC-8448-2.5-CL | Painted Steel | 7' | 4' | 2.5K |
| 911-1164 | BT-FC-8448-5-CL | Painted Steel | 7' | 4' | 5K |
| 911-1165 | BT-FC-8448-10SE-CL | Painted Steel | 7' | 4' | 10K |
| 911-1166 | BT-FC-8448-10LE-CL | Painted Steel | 7' | 4' | 10K |
| 911-1167 | BT-FC-8448-20-CL | Painted Steel | 7' | 4' | 20K |
| 911-1168 | BT-FC-8460-2.5-CL | Painted Steel | 7' | 5' | 2.5K |
| 911-1169 | BT-FC-8460-5-CL | Painted Steel | 7' | 5' | 5K |
| 911-1170 | BT-FC-8460-10SE-CL | Painted Steel | 7' | 5' | 10K |
| 911-1171 | BT-FC-8460-10LE-CL | Painted Steel | 7' | 5' | 10K |
| 911-1172 | BT-FC-8460-20-CL | Painted Steel | 7' | 5' | 20K |
| 911-1173 | BT-FC-8472-2.5-CL | Painted Steel | 7' | 6' | 2.5K |
| 911-1174 | BT-FC-8472-5-CL | Painted Steel | 7' | 6' | 5K |
| 911-1175 | BT-FC-8472-10SE-CL | Painted Steel | 7' | 6' | 10K |
| 911-1176 | BT-FC-8472-10LE-CL | Painted Steel | 7' | 6' | 10K |
| 911-1177 | BT-FC-8472-20-CL | Painted Steel | 7' | 6' | 20K |
| 911-1178 | BT-FC-8484-2.5-CL | Painted Steel | 7' | 7' | 2K |
| 911-1179 | BT-FC-8484-5-CL | Painted Steel | 7' | 7' | 5K |
| 911-1180 | BT-FC-8484-10SE-CL | Painted Steel | 7' | 7' | 10K |
| 911-1181 | BT-FC-8484-10LE-CL | Painted Steel | 7' | 7' | 10K |
| 911-1182 | BT-FC-8484-20-CL | Painted Steel | 7' | 7' | 20K |
| 911-1183 | BT-FC-9648-2.5-CL | Painted Steel | 8' | 4' | 2.5K |
| 911-1184 | BT-FC-9648-5-CL | Painted Steel | 8' | 4' | 5K |

# Clydesdale

## Carbon Steel Floor Scale

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 911-1185 | BT-FC-9648-10SE-CL | Painted Steel | 8' | 4' | 10K |
| 911-1186 | BT-FC-9648-10LE-CL | Painted Steel | 8' | 4' | 10K |
| 911-1187 | BT-FC-9648-20-CL | Painted Steel | 8' | 4' | 20K |
| 911-1188 | BT-FC-9660-2.5-CL | Painted Steel | 8' | 5' | 2.5K |
| 911-1189 | BT-FC-9660-5-CL | Painted Steel | 8' | 5' | 5K |
| 911-1190 | BT-FC-9660-10SE-CL | Painted Steel | 8' | 5' | 10K |
| 911-1191 | BT-FC-9660-10LE-CL | Painted Steel | 8' | 5' | 10K |
| 911-1192 | BT-FC-9660-20-CL | Painted Steel | 8' | 5' | 20K |
| 911-1193 | BT-FC-9672-2.5-CL | Painted Steel | 8' | 6' | 2.5K |
| 911-1194 | BT-FC-9672-5-CL | Painted Steel | 8' | 6' | 5K |
| 911-1195 | BT-FC-9672-10SE-CL | Painted Steel | 8' | 6' | 10K |
| 911-1196 | BT-FC-9672-10LE-CL | Painted Steel | 8' | 6' | 10K |
| 911-1197 | BT-FC-9672-20-CL | Painted Steel | 8' | 6' | 20K |
| 911-1198 | BT-FC-9684-10SE-CL | Painted Steel | 8' | 7' | 10K |
| 911-1199 | BT-FC-9684-10LE-CL | Painted Steel | 8' | 7' | 10K |
| 911-1200 | BT-FC-9684-20-CL | Painted Steel | 8' | 7' | 20K |
| 911-1201 | BT-FC-9692-10SE-CL | Painted Steel | 8' | 7' 8" | 10K |
| 911-1202 | BT-FC-9692-10LE-CL | Painted Steel | 8' | 7' 8" | 10K |
| 911-1203 | BT-FC-9692-20-CL | Painted Steel | 8' | 7' 8" | 20K |
| 911-1204 | BT-FC-10860-10SE-CL | Painted Steel | 9' | 5' | 10K |
| 911-1205 | BT-FC-10860-10LE-CL | Painted Steel | 9' | 5' | 10K |
| 911-1206 | BT-FC-10860-20-CL | Painted Steel | 9' | 5' | 20K |
| 911-1207 | BT-FC-10872-10SE-CL | Painted Steel | 9' | 6' | 10K |
| 911-1208 | BT-FC-10872-10LE-CL | Painted Steel | 9' | 6' | 10K |
| 911-1209 | BT-FC-10872-20-CL | Painted Steel | 9' | 6' | 20K |
| 911-1210 | BT-FC-10884-10SE-CL | Painted Steel | 9' | 7' | 10K |
| 911-1211 | BT-FC-10884-10LE-CL | Painted Steel | 9' | 7' | 10K |
| 911-1212 | BT-FC-10884-20-CL | Painted Steel | 9' | 7' | 20K |
| 911-1213 | BT-FC-10892-10SE-CL | Painted Steel | 9' | 7' 8" | 10K |
| 911-1214 | BT-FC-10892-10LE-CL | Painted Steel | 9' | 7' 8" | 10K |
| 911-1215 | BT-FC-10892-20-CL | Painted Steel | 9' | 7' 8" | 20K |
| 911-1216 | BT-FC-108108-10SE-CL | Painted Steel | 9' | 9' | 10K |
| 911-1217 | BT-FC-108108-10LE-CL | Painted Steel | 9' | 9' | 10K |
| 911-1218 | BT-FC-108108-20-CL | Painted Steel | 9' | 9' | 20K |
| 911-1219 | BT-FC-12072-10SE-CL | Painted Steel | 10' | 6' | 10K |
| 911-1220 | BT-FC-12072-10LE-CL | Painted Steel | 10' | 6' | 10K |
| 911-1221 | BT-FC-12072-20-CL | Painted Steel | 10' | 6' | 20K |
| 911-1222 | BT-FC-12084-10SE-CL | Painted Steel | 10' | 7' | 10K |
| 911-1223 | BT-FC-12084-10LE-CL | Painted Steel | 10' | 7' | 10K |
| 911-1224 | BT-FC-12084-20-CL | Painted Steel | 10' | 7' | 20K |
| 911-1225 | BT-FC-12092-10SE-CL | Painted Steel | 10' | 7' 8" | 10K |
| 911-1226 | BT-FC-12092-10LE-CL | Painted Steel | 10' | 7' 8" | 10K |
| 911-1227 | BT-FC-12092-20-CL | Painted Steel | 10' | 7' 8" | 20K |

# Clydesdale

## Carbon Steel: Options

### RAMPS: Two foot retaining tabs welded to ramp - tread plate decking standard

| Part Number | Size (W x L) | 2.5K - 5K 10K-SE Small Envelope Cell | 10K-LE - 20K Large Envelope Cell |
|---|---|---|---|
| 917-1010 | 36" x 36" | ✓ | |
| 917-1011 | 36" x 48" | ✓ | |
| 917-1012 | 48" x 36" | ✓ | |
| 917-1013 | 48" x 48" | ✓ | |
| 917-1014 | 60" x 36" | ✓ | |
| 917-1015 | 60" x 48" | ✓ | |
| 917-1016 | 48" x 36" | | ✓ |
| 917-1017 | 48" x 48" | | ✓ |
| 917-1018 | 60" x 36" | | ✓ |
| 917-1019 | 60" x 48" | | ✓ |



Floor Scale Ramp shown with ramp

### BUMP GUARD: Through-hole mounting - Foot retaining plates included

| Part Number | Size | Sides | 2.5K - 5K 10K-SE Small Envelope Cell | 10K-LE- 20K Large Envelope Cell |
|---|---|---|---|---|
| 917-1102 | 36" | 1 Side Guard | ✓ | |
| 917-1103 | 48" | 1 Side Guard | ✓ | |
| 917-1104 | 60" | 1 Side Guard | ✓ | |
| 917-1105 | 72" | 1 Side Guard | ✓ | |
| 917-1106 | 48" | 1 Side Guard | | ✓ |
| 917-1107 | 60" | 1 Side Guard | | ✓ |
| 917-1108 | 72" | 1 Side Guard | | ✓ |
| 917-1110 | 48" x 48" | 3 Side Guard Mitered | ✓ | |
| 917-1111 | 48" x 48" | 4 Side Guard Mitered | ✓ | |
| 917-1113 | 48" x 48" | 3 Side Guard Mitered | | ✓ |
| 917-1114 | 48" x 48" | 4 Side Guard Mitered | | ✓ |
| 917-1116 | 60" x 60" | 3 Side Guard Mitered | ✓ | |
| 917-1117 | 60" x 60" | 4 Side Guard Mitered | ✓ | |
| 917-1119 | 60" x 60" | 3 Side Guard Mitered | | ✓ |
| 917-1120 | 60" x 60" | 4 Side Guard Mitered | | ✓ |

### BUMP GUARD: Through-hole mounting - Foot retaining plates NOT INCLUDED

| Part Number | Size | Sides | 2.5K - 5K 10K-SE Small Envelope Cell | 10K-LE- 20K Large Envelope Cell |
|---|---|---|---|---|
| 917-1121 | 36" | 1 Side Guard | | |
| 917-1122 | 48" | 1 Side Guard | | |
| 917-1123 | 60" | 1 Side Guard | | |
| 917-1124 | 72" | 1 Side Guard | | |



4' Bump-Ramp shown with two foot retaining plates



4-Sided Bump-Ramp shown with mitered corners and foot retaining plates

# Clydesdale

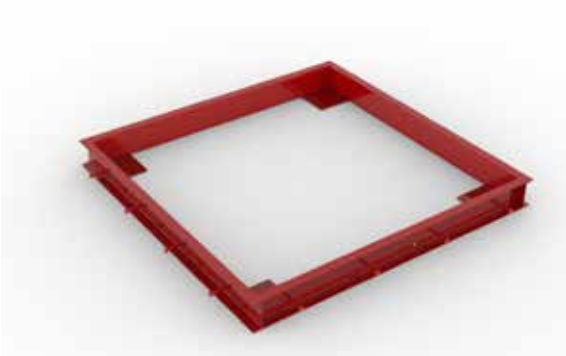
## Carbon Steel: Options

**PIT FRAME: Serves as pit wall coping w/ corner plates and foot retaining blocks.**

| Part Number | 500 - 5K, 10K-SE<br>Small Envelope Cell | 10K-LE - 20K<br>Large Envelope Cell |
|---|---|---|
| 917-0020 | ✓ | |
| 917-0021 | | ✓ |



Floor Mounted Indicator Column
with Universal Top Plate



Typical Pit Frame
*Multiply the length of all four sides to calculate cost.

| Part Number | Size (W x L) | 2.5K - 5K 10K-SE<br>Small Envelope Cell | 10K-LE - 20K<br>Large Envelope Cell |
|---|---|---|---|
| 917-0001 | 30" x 30" | ✓ | |
| 917-0002 | 36" x 36" | ✓ | |
| 917-0003 | 48" x 48" | ✓ | |
| 917-0004 | 60" x 60" | ✓ | |
| 917-0012 | 48" x 48" | | ✓ |
| 917-0013 | 60" x 60" | | ✓ |

### INDICATOR COLUMNS:

| | |
|---|---|
| **917-1355 Floor Mounted Indicator Stand** – 48" painted steel stand, universal top plate | ✓ |
| **917-1356 Integral Indicator Stand (Bolt-on)** – 48" painted steel stand, universal top plate | ✓ |

### FLOOR SCALE FOOT RETAINING PLATE:

| | |
|---|---|
| **100-80606 - Floor Scale Foot Retaining Plate** – carbon steel (small envelope) plate lagged to floor to prevent sliding of scale. Price per plate. 2-1/2" foot hole. | ✓ |
| **100-80287 - Floor Scale Foot Retaining Plate** – carbon steel (large envelope) plate lagged to floor to prevent sliding of scale. Price per plate. 3" foot hole. | ✓ |



# Clydesdale

## Clydesdale: Options

**FLOOR SCALE PORTABILITY FRAME W/ FORK CHANNELS:** Painted carbon steel portability frame for transporting Clydesdale or 4-Square floor scale. Optional column is centered, opposite the fork channel entry side. Column mounted directly to side of frame with no offset from side of frame.

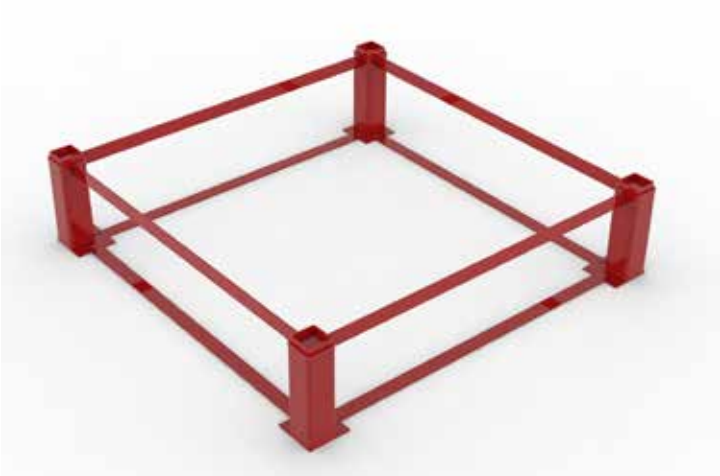
| Part Number | |
|---|---|
| 917-1300 | Painted Mild Steel Portability Frame 36" x 36" |
| 917-1301 | Painted Mild Steel Portability Frame 48" x 48" |
| 917-1302 | Painted Mild Steel Portability Frame 60" x 60" |
| 917-1350 | 36" x 36" Frame with 48" Column CS |
| 917-1351 | 48" x 48" Frame with 48" Column CS |
| 917-1352 | 60" x 60" Frame with 48" Column CS |
| 917-1400 | 304 Stainless Steel Portability Frame 36" x 36" |
| 917-1401 | 304 Stainless Steel Portability Frame 48" x 48" |
| 917-1402 | 304 Stainless Steel Portability Frame 60" x 60" |
| 917-1450 | 36" x 36" Frame with 48" Column SS |
| 917-1451 | 48" x 48" Frame with 48" Column SS |
| 917-1452 | 60" x 60" Frame with 48" Column SS |
| | Modify Column Location On Frame and / or Offset Column From Frame |
| | Modify The Standard Position, Height, or Width of The Fork Channel Openings |



Shown with custom portability frame and indicator plate

**RISER FRAME:** painted carbon steel riser stand. Used to increase overall scale height above floor or when replacing existing electro-mechanical platform scale in a deep pit.

**Floor Scale Riser Frame** – *Specify: Length, Width, Height, and capacity of platform to be set on top of frame.*



# Clydesdale

## Clydesdale: Parts

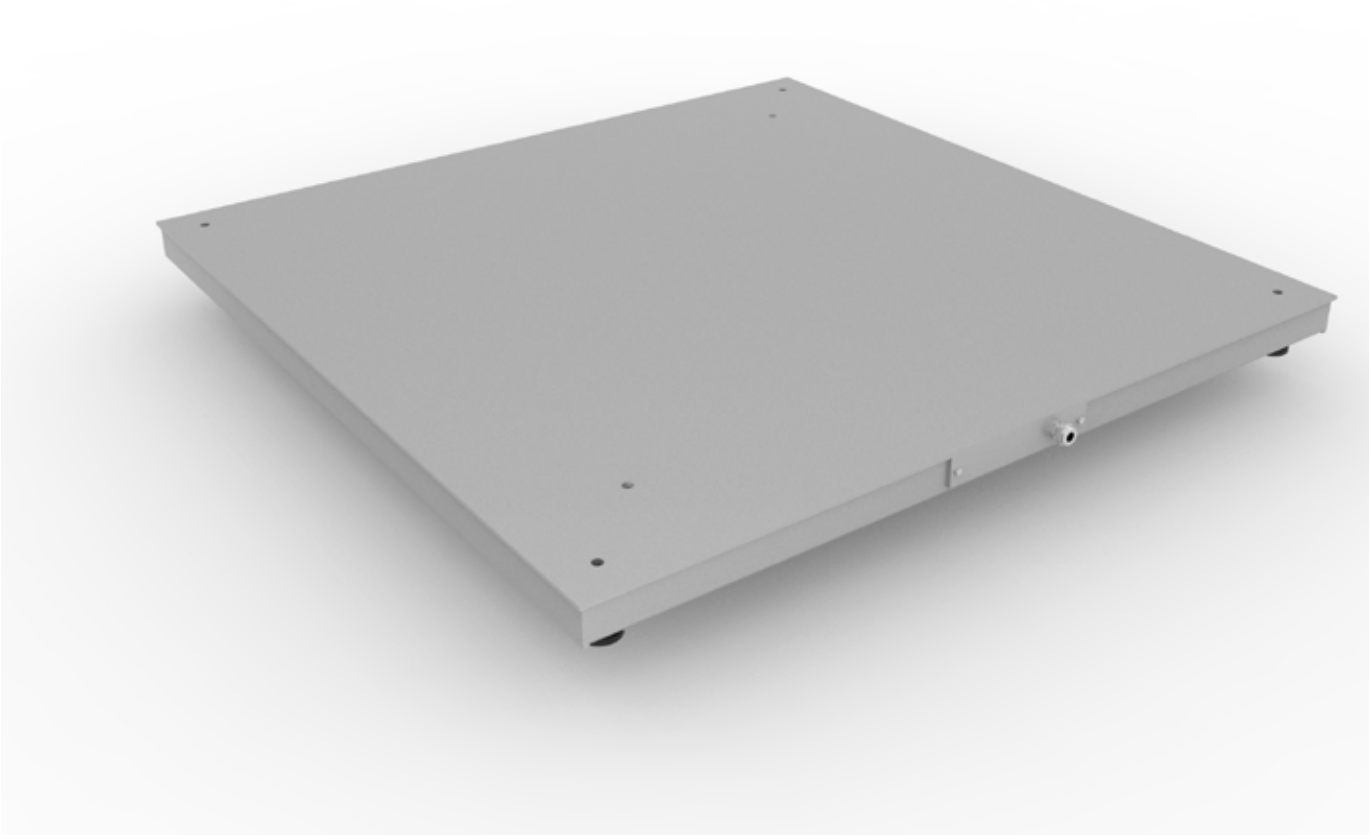
| Part Number | |
|---|---|
| **Load Cell Foot Assemblies: Stainless steel ball encapsulated load foot w/ lock nut** | |
| 911-000032 | 1/2" thread w/ flat, 2.5" diameter base for 250 to 5K SE cells |
| 911-000039 | 3/4" thread w/ flat, 3" diameter base for 5K LE and 10K cells |
| 911-000036 | 1" thread w/ flat, 3" diameter base for 15K and 20K cells |
| **Load Cell Foot Assemblies: B-TEK Level-Flex load foot w/rubber base, stainless thread and lock nut** | |
| 911-000013 | 1/2" thread, 2.5" diameter base for 250 to 5K SE cells |
| 911-000009 | 1/2" thread, 3" diameter base for 250 to 5K SE cells |
| **Floor Scale Junction Boxes and Summing Boards:** | |
| 864-000008 | NEMA 4 fiberglass reinforced plastic (FRP) floor scale junction box and 4-cell signal trim summing card |
| 863-000025 | NEMA 4 fiberglass reinforced plastic (FRP) floor scale junction box and cord grips only |
| 864-000015 | NEMA 4X stainless steel floor scale junction box and 4-cell signal trim summing card |
| 863-000022 | NEMA 4X stainless steel floor scale junction box and cord grips only |
| 864-000010 | Remote NEMA 4 scale junction box and 4-cell summing card with 10' of flex conduit - factory assembled to scale |
| 862-000012 | Floor scale, 4-cell signal trim summing card - JB2000 |
| **Weld Seal and Hermetic Load Cell Options:** | |
| | **Stainless Steel Weld Seal (IP67) Cell Upgrade –** (4 ea) Small Envelope cells (FM approved cell) |
| | **Stainless Steel Weld Seal (IP67) Cell Upgrade –** (4 ea) Large Envelope cells (FM approved cell) |
| | **Stainless Steel Hermetically Sealed (IP68) Cell Upgrade –** (4 ea) Small Envelope cells (FM approved cell) |
| | **Stainless Steel Hermetically Sealed (IP68) Cell Upgrade –** (4 ea) Large Envelope cells (FM approved cell) |
| **FM Approved Options:** | |
| 864-000030 | **Floor Scale ABS Junction Box / Board - FM Approved** Floor junction box, cord grips and 4-cell signal trim summing card - Factory Mutual Approved |
| 864-000026 | **Floor Scale Stainless J-Box / Board - FM Approved** Floor junction box, cord grips and 4-cell signal trim summing card - Factory Mutual Approved |
| **Calibration Options:** | |
| 900-100056 | Calibration and set-up of a B-TEK or customer supplied indicator. Up to 5 x 7 10K platforms. |
| 900-100156 | Calibration and set-up of a B-TEK or customer supplied indicator. Larger than 5 x 7 and all 20K platforms. |
| **Quick Disconnect Cable:** | |
| 861-000010 | (1) male circular 5-pin connector with pigtail end. 20' length - rated IP68 (water-tight) |
| 861-000011 | (1) female circular 5-pin connector with pigtail end. 5' length - rated IP68 (water-tight) |

# Clydesdale

## Stainless Steel Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity: 2.5K - 10K lb
- End Load Capacity: 80% for 2.5K capacity
  100% for 5K to 10K capacities
- Scale Height: 4-3/8" nominal (2.5K - 10K) adjustable
- Available Sizes: 2' x 2' - 5' x 7' - Custom sizes upon request
- Weighbridge: 1/4" 304 stainless steel smooth or tread deck plate with structural channel sub-structure
- Deck: Side or top access junction box, threaded lifting eye bolt holes
  Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Stainless steel **(IP67)**, 350 Ohms, 3.0 mV/V, **FM Approved**
  2.5K capacity: (4) 1,000 lb
  5K capacity: (4) 2,500 lb cells by request in Clydesdale SS
  5K capacity: (4) 4,000 lb cells standard in Clydesdale SS
  10K capacity: (4) 5,000 lb
  **Optional hermetically sealed (IP68) cells are available for any capacity listed above**
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: NEMA 4 junction box with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



# Clydesdale

## Stainless Steel Floor Scale

### Side Access

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 911-3100 | BT-FS-2424-2.5-CL | SS Smooth | 2' | 2' | 2.5K |
| 911-3103 | BT-FS-3030-2.5-CL | SS Smooth | 2' 6" | 2' 6" | 2.5K |
| 911-3109 | BT-FS-3636-2.5-CL | SS Smooth | 3' | 3' | 2.5K |
| 911-3119 | BT-FS-4848-5-CL | SS Smooth | 4' | 4' | 5K |
| 911-3120 | BT-FS-4848-10SE-CL | SS Smooth | 4' | 4' | 10K |
| 911-3129 | BT-FS-6048-5-CL | SS Smooth | 5' | 4' | 5K |
| 911-3130 | BT-FS-6048-10SE-CL | SS Smooth | 5' | 4' | 10K |
| 911-3134 | BT-FS-6060-5-CL | SS Smooth | 5' | 5' | 5K |
| 911-3135 | BT-FS-6060-10SE-CL | SS Smooth | 5' | 5' | 10K |
| 911-3144 | BT-FS-7248-5-CL | SS Smooth | 6' | 4' | 5K |
| 911-3145 | BT-FS-7248-10SE-CL | SS Smooth | 6' | 4' | 10K |
| 911-3169 | BT-FS-8460-5-CL | SS Smooth | 7' | 5' | 5K |
| 911-3170 | BT-FS-8460-10SE-CL | SS Smooth | 7' | 5' | 10K |
| | | | | | |
| 911-4100 | BT-FS-2424-5-CL | SS Tread | 2' | 2' | 2.5K |
| 911-4103 | BT-FS-3030-2.5-CL | SS Tread | 2' 6" | 2' 6" | 2.5K |
| 911-4109 | BT-FS-3636-2.5-CL | SS Tread | 3' | 3' | 2.5K |
| 911-4119 | BT-FS-4848-5-CL | SS Tread | 4' | 4' | 5K |
| 911-4120 | BT-FS-4848-10SE-CL | SS Tread | 4' | 4' | 10K |
| 911-4129 | BT-FS-6048-5-CL | SS Tread | 5' | 4' | 5K |
| 911-4130 | BT-FS-6048-10SE-CL | SS Tread | 5' | 4' | 10K |
| 911-4134 | BT-FS-6060-5-CL | SS Tread | 5' | 5' | 5K |
| 911-4135 | BT-FS-6060-10SE-CL | SS Tread | 5' | 5' | 10K |
| 911-4144 | BT-FS-7248-5-CL | SS Tread | 6' | 4' | 5K |
| 911-4145 | BT-FS-7248-10SE-CL | SS Tread | 6' | 4' | 10K |
| 911-4169 | BT-FS-8460-5-CL | SS Tread | 7' | 5' | 5K |
| 911-4170 | BT-FS-8460-10SE-CL | SS Tread | 7' | 5' | 10K |

### Top Access

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 911-3121 | BT-FS-4848-5SE-CL | SS Smooth | 4' | 4' | 5K |
| 911-3122 | BT-FS-4848-10SE-CL | SS Smooth | 4' | 4' | 10K |
| 911-3137 | BT-FS-6060-5-CL | SS Smooth | 5' | 5' | 5K |
| 911-3136 | BT-FS-6060-10-CL | SS Smooth | 5' | 5' | 10K |
| | | | | | |
| 911-4121 | BT-FS-4848-5-CL | SS Tread | 4' | 4' | 5K |
| 911-4122 | BT-FS-4848-10-CL | SS Tread | 4' | 4' | 10K |
| 911-4137 | BT-FS-6060-5SE-CL | SS Tread | 5' | 5' | 5K |
| 911-4136 | BT-FS-6060-10SE-CL | SS Tread | 5' | 5' | 10K |

# Clydesdale

## Stainless Steel: Options

**Stainless Steel Ramps:** Two foot retaining tabs welded to ramp - smooth plate decking standard

| Part Number | Description |
|---|---|
| 917-3010 | 36" x 36" x 4-1/4" ramp 2.5K - 10K SE |
| 917-3011 | 36" x 48" x 4-1/4" ramp 2.5K - 10K SE |
| 917-3012 | 48" x 36" x 4-1/4" ramp 2.5K - 10K SE |
| 917-3013 | 48" x 48" x 4-1/4" ramp 2.5K - 10K SE |
| 917-3014 | 60" x 36" x 4-1/4" ramp 2.5K - 10K SE |
| 917-3015 | 60" x 48" x 4-1/4" ramp 2.5K - 10K SE |
| 917-4010 | 36" x 36" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |
| 917-4011 | 36" x 48" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |
| 917-4012 | 48" x 36" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |
| 917-4013 | 48" x 48" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |
| 917-4014 | 60" x 36" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |
| 917-4015 | 60" x 48" x 4-1/4" ramp 2.5K - 10K SE Stainless Tread |

**Stainless Steel Tread Plate Option**

| | |
|---|---|
| 913-1299 | Stainless steel TREAD PLATE deck upgrade (price per square foot) |

*Please note when ordering this option, the square feet of the scale needs to be determined before a total quantity and cost can be figured. To get the square feet of the scale multiply the width by the length: example scale size is 2'x3' = 6 square feet.*

**Stainless Steel Pit Frames:** Serves as pit wall coping and has corner plates with foot retaining blocks.

| Part Number | Size | Description | 2.5K - 5K 10K-SE Small Envelope Cell |
|---|---|---|---|
| 917-0051 | 30" x 30" | Stainless Steel Pit Frame | ✓ |
| 917-0052 | 36" x 36" | Stainless Steel Pit Frame | ✓ |
| 917-0053 | 48" x 48" | Stainless Steel Pit Frame | ✓ |
| 917-0054 | 60" x 60" | Stainless Steel Pit Frame | ✓ |
| 917-0070 | | Stainless Steel Pit Frame by the foot | ✓ |

**Bump Guard - Through-hole mounting - XX = Length in feet** - Foot retaining plates not included

| | |
|---|---|
| 917-1194 | Price per foot |
| 917-1196 | Scale mounting plates attached to bump guard (two plates) |
| 917-1199 | Price added for each mitered corners |

**Indicator Columns:**

| | |
|---|---|
| **917-1455** | 48" stainless steel stand, 4" x 8" indicator top plate. (specify indicator mounting) |
| **917-1456** | 48" stainless steel stand, 4" x 8" indicator top plate. (specify indicator mounting) |

**Scale Mounting Plates:**

**100-80606-1** Stainless steel (small envelope) plate lagged to floor to prevent sliding of scale.
Price per plate. 2-1/2" foot hole.

# Clydesdale

## Parts

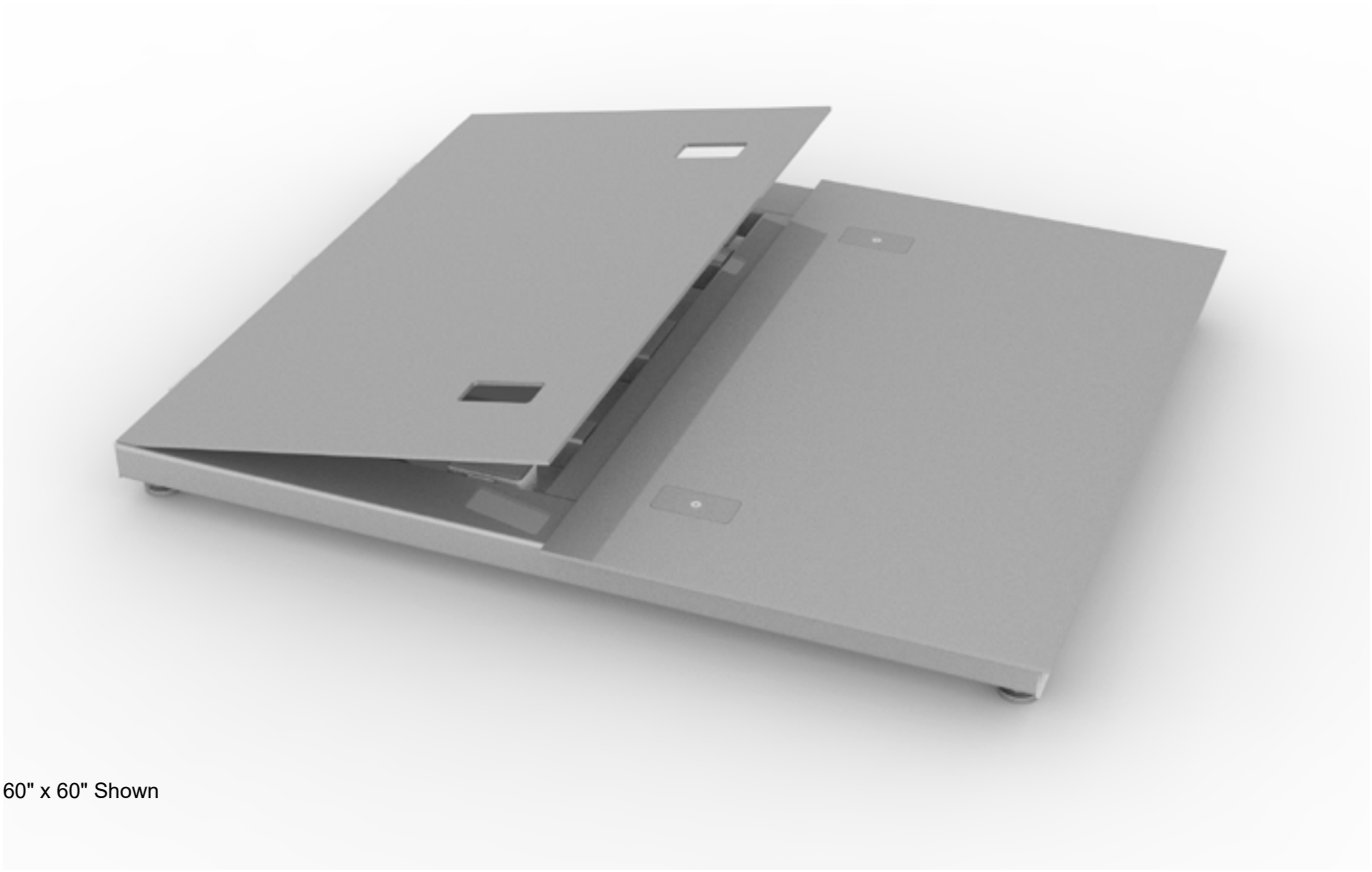
| Model Number | |
|---|---|
| **Load Cell Foot Assemblies: Stainless steel ball encapsulated load foot w/ lock nut** | |
| 911-000032 | 1/2" thread w/ flat, 2.5" diameter base for 250 to 5K SE cells |
| 911-000036 | 3/4" thread w/ flat, 3" diameter base for 5K LE and 10K cells |
| 911-000039 | 1" thread w/ flat, 3" diameter base for 15K and 20K cells |
| **Floor Scale Junction Boxes and Summing Boards:** | |
| 864-000015 | NEMA 4X stainless steel floor scale junction box and 4-cell signal trim summing card |
| 863-000022 | NEMA 4X stainless steel floor scale junction box and cord grips only |
| 864-000010 | Remote NEMA 4 scale junction box and 4-cell summing card with 10' of flex conduit - factory assembled to scale |
| 862-000012 | Floor scale, 4-cell signal trim summing card - JB2000 |
| **Weld Sealed And Hermetic Load Cell Options:** | |
| | **Stainless Steel Weld Seal (IP67) Cell Upgrade –** (4 ea) Small Envelope cells (FM approved cell) |
| | **Stainless Steel Hermetically Sealed (IP68) Cell Upgrade –** (4 ea) Small Envelope cells (FM approved cell) |
| **FM Approved Options:** | |
| 864-000030 | **Floor Scale ABS Junction Box / Board - FM Approved**<br>Floor junction box, cord grips and 4-cell signal trim summing card - Factory Mutual Approved |
| 864-000026 | **Floor Scale Stainless J-Box / Board - FM Approved**<br>Floor junction box, cord grips and 4-cell signal trim summing card - Factory Mutual Approved |
| **Calibration Options:** | |
| 900-100056 | Calibration and set-up of a B-TEK or customer supplied indicator.<br>Up to 5 x 7 10K platforms. |
| 900-100156 | Calibration and set-up of a B-TEK or customer supplied indicator.<br>Larger than 5 x 7 and all 20K platforms. |
| **Quick Disconnect Cable:** | |
| 861-000010 | (1) male circular 5-pin connector with pigtail end.<br>20' length - rated IP68 (water-tight) |
| 861-000011 | (1) female circular 5-pin connector with pigtail end.<br>5' length - rated IP68 (water-tight) |

# Clydesdale

## Stainless Steel Lift Deck Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity: 2.5K - 5K lb
- End Load Capacity: 80% for 2.5K capacity<br>100% for 5K capacity
- Scale Height: 4-3/8" nominal height, adjustable
- Available Sizes: 3' x 3' - 4' x 6' - Custom sizes upon request
- Weighbridge: 1/4" 304 stainless steel **SMOOTH** plate with structural tube frame
- Deck: Lifting handles on top plate with dual gas shocks to aid in raising
- Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Stainless steel **(IP67)**, 350 Ohms, 3.0mV/V<br>2.5K capacity: (4) 1K lb<br>5K capacity: (4) 2.5K lb cells by request in Clydesdale<br>5K capacity: (4) 4K lb cells standard in Clydesdale<br>**Optional hermetically sealed (IP68) cells are available for any capacity listed above**
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: Side access NEMA 4 junction box with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure<br>2-Years on load cells, junction box, and summing board



60" x 60" Shown

# Clydesdale

## Stainless Steel Lift Deck Floor Scale

| Model Number | Description |
|---|---|
| 911-5109 | 36" x 36" stainless steel lift deck scale - 2.5K |
| 911-5118 | 48" x 48" stainless steel lift deck scale - 2.5K |
| 911-5110 | 36" x 36" stainless steel lift deck scale - 5K |
| 911-5119 | 48" x 48" stainless steel lift deck scale - 5K |
| 911-5134 | 60" x 60" stainless steel lift deck scale - 5K |
| 911-5144 | 72" x 48" stainless steel lift deck scale - 5K |
| | |
| 913-1299 | Stainless steel TREAD PLATE decking (price per square foot) |

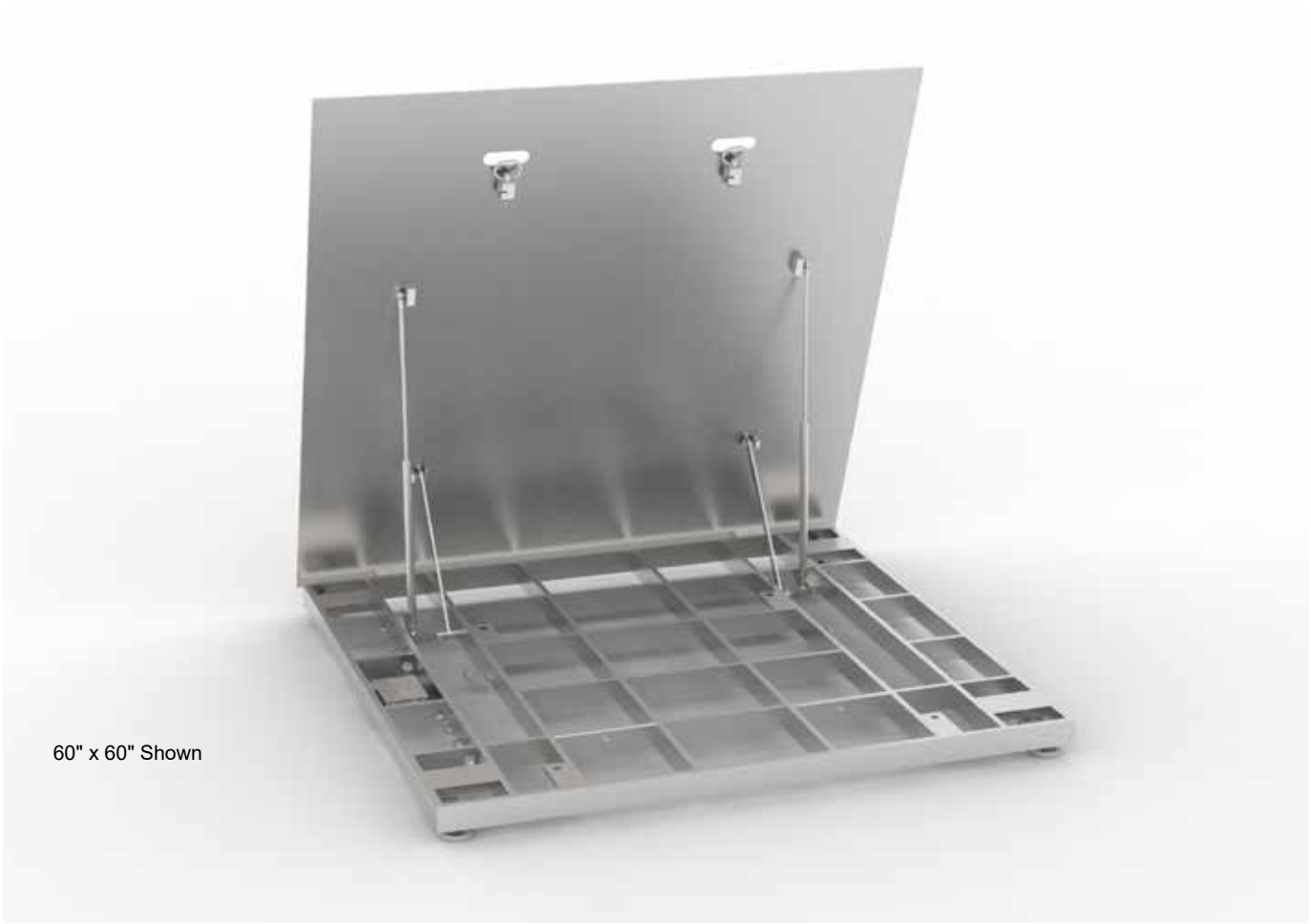
*Please note when ordering this option, the square feet of the scale need to be determined before a total quantity and cost can be figured. To get the square feet of the scale multiply the width by the length: example scale size is 2'x3' = 6 square feet.*

# Clydesdale Matrix UW

## Stainless Steel Ultimate Washdown Lift Deck Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity: 5K – 10K lb
- End Load Capacity: 100% for 5K capacity 80% for 10K capacity
- Scale Height: 4" nominal height, adjustable
- Available Sizes: 4' x 4' - 5' x 5' - Custom sizes upon request
- Weighbridge: 1/4" 304 stainless steel **SMOOTH** or **TREAD** plate with structural solid weld bar frame
- Deck: Easy open latch locks, dual gas shocks to aid in raising and safety bars keep the deck locked in the open position for cleaning.
- Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Stainless steel hermetically sealed IP69K load cells
- Leveling foot: B-TEK stainless steel rigid foot - 3" diameter base
- Junction Box: Remote access NEMA 4X junction box with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



60" x 60" Shown

# Clydesdale Matrix UW

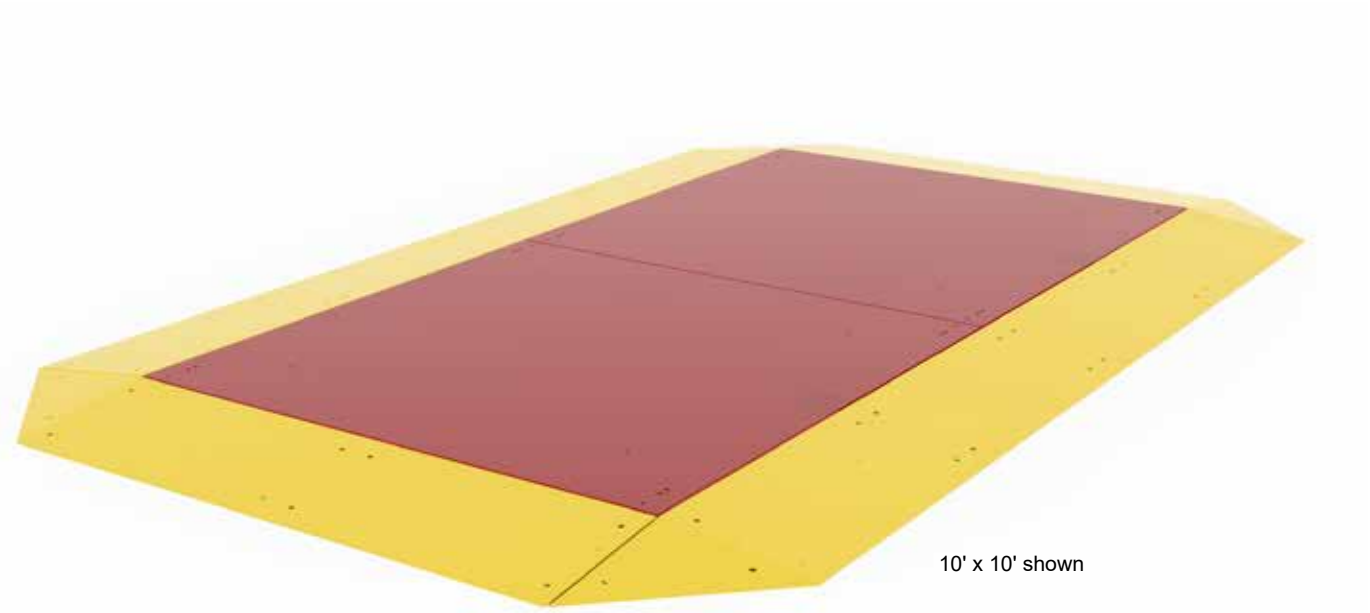
## Stainless Steel Ultimate Washdown Lift Deck Floor Scale

| Model Number | Description |
|---|---|
| | **SMOOTH Deck Plate** |
| 911-5233 | 48" x 48" stainless steel lift deck scale - 5K |
| 911-5243 | 48" x 48" stainless steel lift deck scale - 10K |
| 911-5234 | 60" x 60" stainless steel lift deck scale - 5K |
| 911-5244 | 60" x 60" stainless steel lift deck scale - 10K |
| | **TREAD Deck Plate** |
| 911-5213 | 48" x 48" stainless steel lift deck scale - 5K |
| 911-5223 | 48" x 48" stainless steel lift deck scale - 10K |
| 911-5214 | 60" x 60" stainless steel lift deck scale - 5K |
| 911-5224 | 60" x 60" stainless steel lift deck scale - 10K |
| **Stainless Steel Pit Frames: Serves as pit wall coping and has corner plates with foot retaining blocks** | |
| 911-5293 | 48” x 48” pit frame stainless steel |
| 911-5294 | 60” x 60” pit frame stainless steel |
| **Stainless Steel Ramps: Two foot retaining tabs welded to ramp – tread plate standard** | |
| 911-5283 | 48” x 36” stainless steel ramp |
| 911-5284 | 48” x 48” stainless steel ramp |
| 911-5285 | 60” x 36” stainless steel ramp |
| 911-5286 | 60” x 48” stainless steel ramp |
| **Floor Mounted Indicator Stand:** | |
| 911-5299 | 48” stainless steel stand with 4” x 8” indicator top plate (Please specify indicator being mounted) |
| **Floor Scale Retaining Feet:** | |
| 100-99595 | Stainless steel plate lagged to floor to prevent scale movement |
| 911-000043 | 3.00" rigid stainless steel foot with rubber pad |

# Pancake Cargo Scale

## GENERAL SPECIFICATIONS

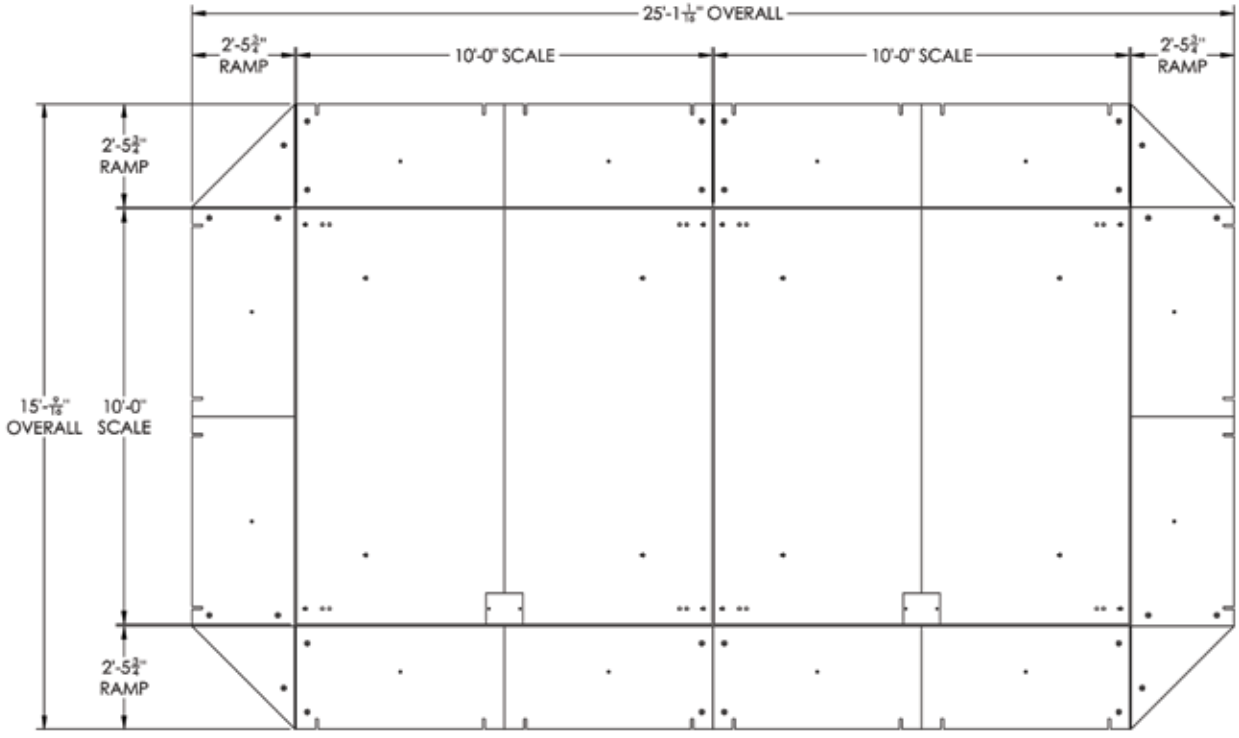
- Certificate of Conformance: Non-NTEP
- Type: Above ground pancake style with 360° ramps
- Scale Capacity: 30K x 10 lb
- Scale Height: 4-1/2"
- Available Sizes: 10' x 10' & 20' x 10'
  **Custom size platforms available**
- Weighbridge: 1/2" carbon steel tread plate with formed channel sub-structure
- End Load Capacity: 100% full scale and end load capacity
- Deck: Top access junction box, leveling foot adjustment holes
  Threaded lifting eye bolt holes: 5/8"-11 eyebolt
- 360° Ramps: 360° tread plate ramps, 30" length, painted safety yellow
- Paint System: Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V, FM Approved
- Leveling Foot: B-TEK stainless steel rigid foot - 3.00" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Includes: B-TEK Load Cell Cable: required cables from scale to indicator
  Wedge Anchors: 1/2" x 4.25" for scale and ramps
- Warranty: 3-Years on weighbridge steel structure
  2-Year on load cells, junction box and summing board
- Options: 52" indicator column with indicator / printer shelf, painted safety yellow



10' x 10' shown

# Pancake Cargo Scale

| Part Number | Description |
|---|---|
| 911-1300 | **10’ x 10’ 30K Pancake Cargo Scale:**<br>10’ x 10’ 30K Scale<br>360° Ramps, 30” length, painted safety yellow<br>1/2” x 4-1/2” Wedge anchors<br>15’ B-TEK load cell cable |
| 911-1301 | **20’ x 10’ 30K Low Profile Air Cargo Pancake Style Scale:**<br>(2) 10’ x 10’ 30K Scales set side-by-side<br>360° Ramps, 30” length, painted safety yellow<br>1/2” x 4-1/2” Wedge anchors<br>(2) 15’ B-TEK load cell cable |
| | **Options** |
| 200-84703 | 52" floor mount column with indicator/printer shelf painted safety yellow with anchors |

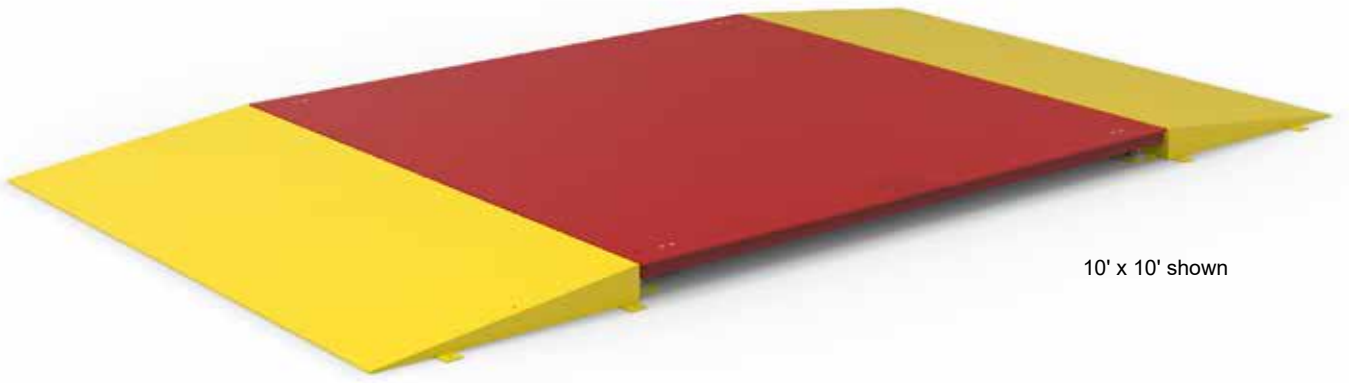



Drawing for 20' x 10' shown

# Dual Ramp Cargo Scale

## GENERAL SPECIFICATIONS

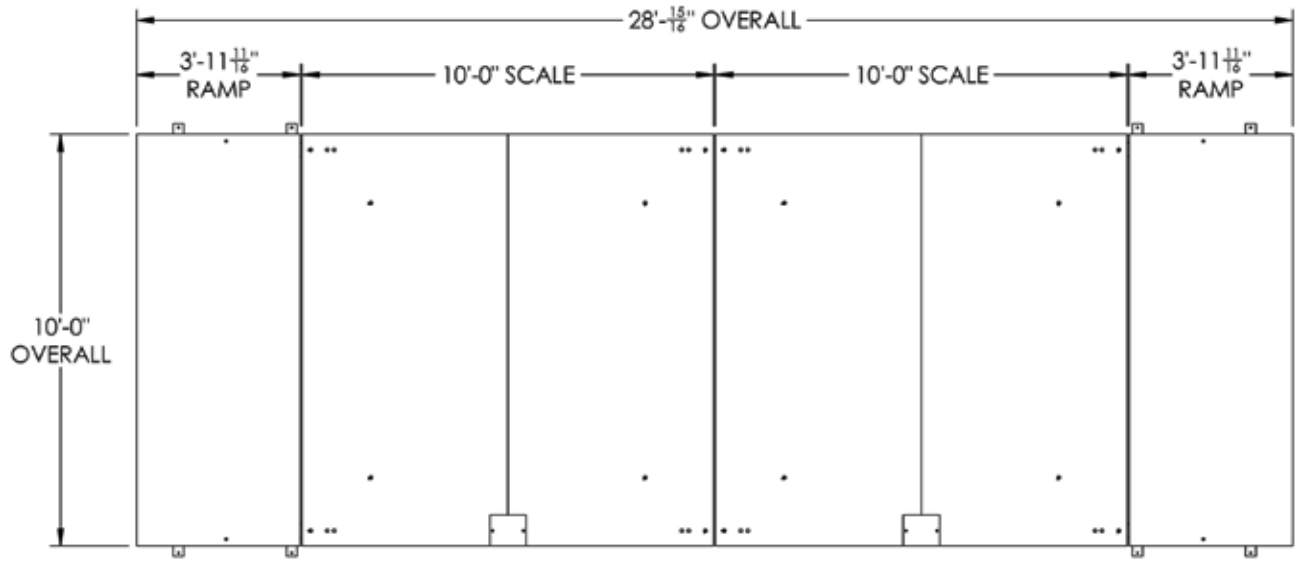
- Certificate of Conformance: Non-NTEP
- Type: Above ground with end ramps
- Scale Capacity: 30K x 10 lb
- Scale Height: 5.5"
- Available Sizes: 10' x 10' & 10' x 20'
  **Custom size platforms available**
- Weighbridge: 1/2" carbon steel tread plate with formed channel sub-structure
- End Load Capacity: 100% full scale and end load capacity
- Deck: Top access junction box, leveling foot adjustment holes
  Threaded lifting eye bolt holes: 5/8"-11 eyebolt
- End Ramps: (2) 4' x 10' of safety yellow tread plate ramps offer access to both ends of the scale
- Paint System: Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V, FM Approved
- Leveling Foot: B-TEK stainless steel rigid foot - 3.00" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Includes: B-TEK Load Cell Cable: (1) 15' for 10' x 10' and (2) 15' for 10' x 20'
  Wedge Anchors: 1/2" x 4.25" for scale and ramps
- Warranty: 3-Years on weighbridge steel structure
  2-Year on load cells, junction box and summing board
- Options: 52" indicator column with indicator / printer shelf painted safety yellow
  5.5" square tube bump guard, painted safety yellow
  Dead panels, painted safety yellow



10' x 10' shown

# Dual Ramp Cargo Scale

| Part Number | Description |
|---|---|
| 911-1310 | **10’ x 10’ 30K Dual Ramp Cargo Scale:**<br>10’ x 10’ 30K scale<br>(2) 4’ x 10’ ramps, painted safety yellow<br>1/2” x 4-1/2” wedge anchors<br>15’ B-TEK load cell cable |
| 911-1311 | **20’ x 10’ 30K Dual Ramp Cargo Scale:**<br>(2) 10’ x 10’ 30K scales set side-by-side<br>(2) 4’ x 10’ ramps, painted safety yellow<br>1/2” x 4-1/2” wedge anchors<br>15’ B-TEK load cell cable |
| | **Options** |
| 200-84703 | 52" Floor mount column with indicator/printer shelf painted safety yellow with anchors |
| 200-84704 | 5’ x 10’ Dead Spacer Panel, Painted Safety Yellow |
| 200-84705 | 6’ x 10’ Dead Spacer Panel, Painted Safety Yellow |
| 200-84706 | 7’ x 10’ Dead Spacer Panel, Painted Safety Yellow |
| 200-84700 | 5’ Square Tube Bump Guard, Painted Safety Yellow |
| 200-84701 | 6’ Square Tube Bump Guard, Painted Safety Yellow |
| 200-84702 | 7’ Square Tube Bump Guard, Painted Safety Yellow |
| 200-84699 | 10’ Square Tube Bump Guard, Painted Safety Yellow |



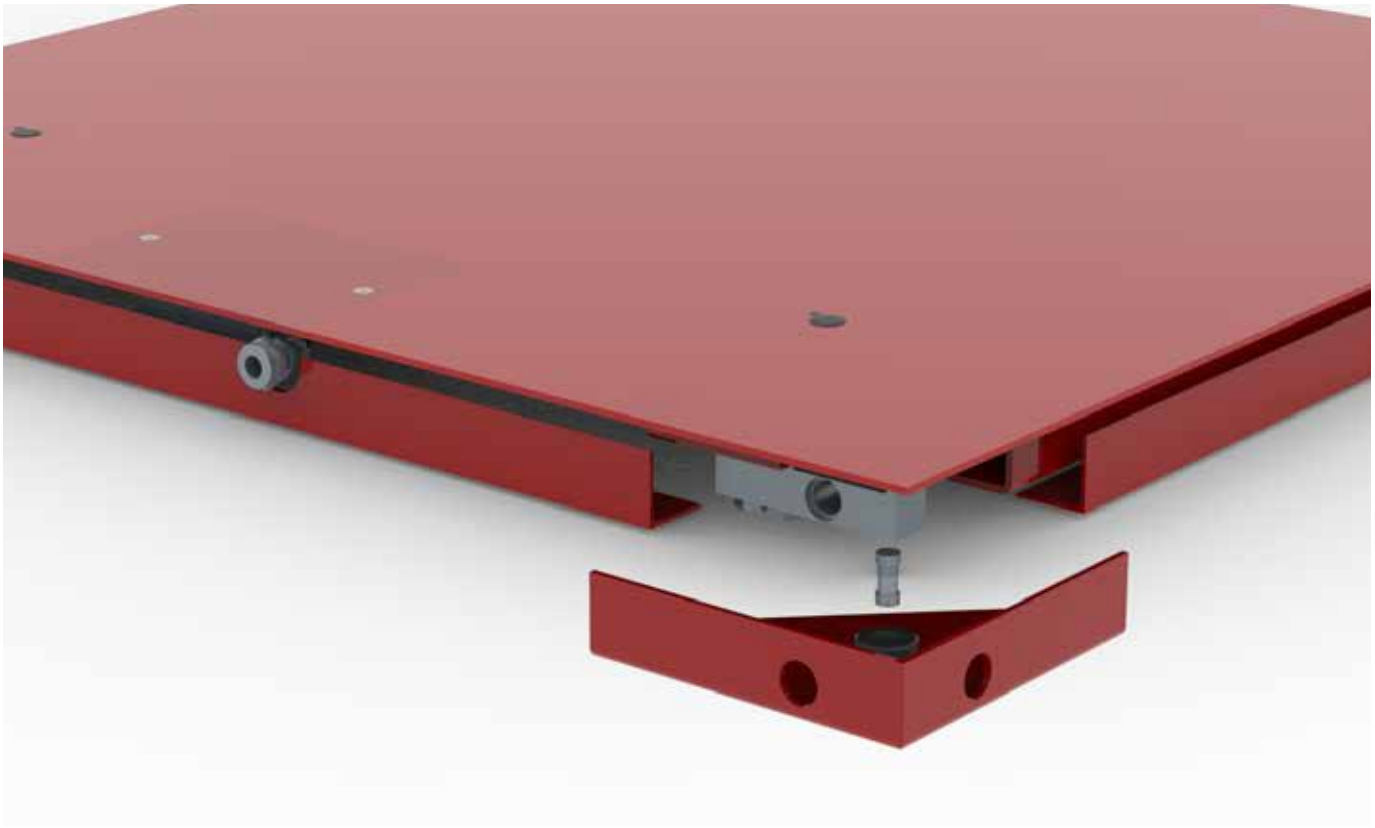

Drawing for 20' x 10' shown

# RPS

## Rocker Pin Suspension Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground or pit
- Scale Capacity:
  1K x 0.2 lb
  2.5Kx 0.5 lb
  5K x 1 lb
  10K x 2 lb
- Scale Height: 3" nominal (1,000 - 5,000)
  3-1/2" nominal (10,000)
- Available Sizes: 3' x 3' - 5' x 7' - Custom sizes upon request
- Weighbridge: 1/4" carbon steel tread deck plate w/ formed channel sub-structure
  1/4" 304 stainless steel smooth deck plate w/ formed channel sub-structure
- Deck: Top access junction box, threaded lifting eye bolt holes: 5/8"-11 eyebolt
- Paint System: Alkyd Enamel (carbon steel)
  All exposed surfaces are media blasted to a clean, consistent appearance (stainless)
- Load Cell: Stainless steel IP67, 350 Ohms, 2.0 mV/V, **FM Approved**
  - 1,000 lb capacity: (4) 500 lb cells
  - 2,500 lb capacity: (4) 1,250 lb cells
  - 5,000 lb capacity: (4) 2,500 lb cells
  - 10,000 lb capacity: (4) 5,000 lb cells
- Leveling foot: Fixed rocker pin - no height adjustment
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



# RPS

## Rocker Pin Suspension Floor Scale

| Part Number | Model Number | Material | L | W | Capacity |
|---|---|---|---|---|---|
| 905-1000 | BT-FC-3636-1-RP | Painted Steel | 3' | 3' | 1K |
| 905-1001 | BT-FC-4848-1-RP | Painted Steel | 4' | 4' | 1K |
| 905-1002 | BT-FC-6048-1-RP | Painted Steel | 5' | 4' | 1K |
| 905-1003 | BT-FC-7248-1-RP | Painted Steel | 6' | 4' | 1K |
| 905-1004 | BT-FC-6060-1-RP | Painted Steel | 5' | 5' | 1K |
| 905-1005 | BT-FC-3636-2.5-RP | Painted Steel | 3' | 3' | 2.5K |
| 905-1006 | BT-FC-4848-2.5-RP | Painted Steel | 4' | 4' | 2.5K |
| 905-1007 | BT-FC-6048-2.5-RP | Painted Steel | 5' | 4' | 2.5K |
| 905-1008 | BT-FC-7248-2.5-RP | Painted Steel | 6' | 4' | 2.5K |
| 905-1009 | BT-FC-6060-2.5-RP | Painted Steel | 5' | 5' | 2.5K |
| 905-1010 | BT-FC-3636-5-RP | Painted Steel | 3' | 3' | 5K |
| 905-1011 | BT-FC-4848-5-RP | Painted Steel | 4' | 4' | 5K |
| 905-1012 | BT-FC-6048-5-RP | Painted Steel | 5' | 4' | 5K |
| 905-1013 | BT-FC-7248-5-RP | Painted Steel | 6' | 4' | 5K |
| 905-1014 | BT-FC-6060-5-RP | Painted Steel | 5' | 5' | 5K |
| 905-1015 | BT-FC-8460-5-RP | Painted Steel | 7' | 5' | 5K |
| 905-1016 | BT-FC-4848-10-RP | Painted Steel | 4' | 4' | 10K |
| 905-1017 | BT-FC-6048-10-RP | Painted Steel | 5' | 4' | 10K |
| 905-1018 | BT-FC-6060-10-RP | Painted Steel | 5' | 5' | 10K |
| 905-1019 | BT-FC-7248-10-RP | Painted Steel | 6' | 4' | 10K |
| 905-1020 | BT-FC-8460-10-RP | Painted Steel | 7' | 5' | 10K |
| | | | | | |
| 905-3000 | BT-FS-3636-1-RP | SS Smooth | 3' | 3' | 1K |
| 905-3001 | BT-FS-4848-1-RP | SS Smooth | 4' | 4' | 1K |
| 905-3002 | BT-FS-6048-1-RP | SS Smooth | 5' | 4' | 1K |
| 905-3003 | BT-FS-7248-1-RP | SS Smooth | 6' | 4' | 1K |
| 905-3004 | BT-FS-6060-1-RP | SS Smooth | 5' | 5' | 1K |
| 905-3005 | BT-FS-3636-2.5-RP | SS Smooth | 3' | 3' | 2.5K |
| 905-3006 | BT-FS-4848-2.5-RP | SS Smooth | 4' | 4' | 2.5K |
| 905-3007 | BT-FS-6048-2.5-RP | SS Smooth | 5' | 4' | 2.5K |
| 905-3008 | BT-FS-7248-2.5-RP | SS Smooth | 6' | 4' | 2.5K |
| 905-3009 | BT-FS-6060-2.5-RP | SS Smooth | 5' | 5' | 2.5K |
| 905-3010 | BT-FS-3636-5-RP | SS Smooth | 3' | 3' | 5K |
| 905-3011 | BT-FS-4848-5-RP | SS Smooth | 4' | 4' | 5K |
| 905-3012 | BT-FS-6048-5-RP | SS Smooth | 5' | 4' | 5K |
| 905-3013 | BT-FS-7248-5-RP | SS Smooth | 6' | 4' | 5K |
| 905-3014 | BT-FS-6060-5-RP | SS Smooth | 5' | 5' | 5K |
| 905-3015 | BT-FS-8460-5-RP | SS Smooth | 7' | 5' | 5K |
| 905-3016 | BT-FS-4848-10-RP | SS Smooth | 4' | 4' | 10K |
| 905-3017 | BT-FS-6048-10-RP | SS Smooth | 5' | 4' | 10K |
| 905-3018 | BT-FS-6060-10-RP | SS Smooth | 5' | 5' | 10K |
| 905-3019 | BT-FS-7248-10-RP | SS Smooth | 6' | 4' | 10K |
| 905-3020 | BT-FS-8460-10-RP | SS Smooth | 7' | 5' | 10K |

# Workhorse

## Carbon Steel Heavy Duty Floor Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 18-061
- Type: Above ground or pit
- Scale Capacity: 20K x 5 lb<br>30Kx 10 lb<br>40K x 10 lb
- End Load Capacity: 100% for 20K and 40K capacities<br>66% for 30K capacity
- Scale Height: 9" to 14" depending on platform size and capacity
- Available Sizes: 4' x 4' - 12' x 10' - Custom sizes available upon request
- Weighbridge: 3/8" carbon steel tread plate with WF-Beam sub-structure
- Deck: Welded tread deck plate
- Paint System: Alkyd Enamel
- Load Cell: B-TEK LCMT mount assembly bolted to WF-Beam sub-structure<br>20K capacity: (4) 10K lb, plated alloy steel, 350 Ohms, 3.0 mV/V<br>30K capacity: (4) 10K lb, plated alloy steel, 350 Ohms, 3.0 mV/V<br>40K capacity: (4) 20K lb, plated alloy steel, 350 Ohms, 3.0 mV/V
- Junction Box: Externally mounted NEMA 4X stainless steel junction box with signal trim summing board<br>Top access junction box available by request or standard when platform is installed in pit
- Warranty: 5-Years on weighbridge steel<br>2-Years on load cells, junction box, and summing board



# Workhorse

## Carbon Steel Heavy Duty Floor Scale

| Size | 20K Part Number | 30K Part Number | 40K Part Number |
|---|---|---|---|
| 48 x 48 | 916-1000 | 916-1001 | 916-1002 |
| 60 x 48 | 916-1003 | 916-1004 | 916-1005 |
| 60 X 60 | 916-1006 | 916-1007 | 916-1008 |
| 72 X 48 | 916-1009 | 916-1010 | 916-1011 |
| 72 X 60 | 916-1012 | 916-1013 | 916-1014 |
| 72 X 72 | 916-1015 | 916-1016 | 916-1017 |
| 84 X 48 | 916-1018 | 916-1019 | 916-1020 |
| 84 X 60 | 916-1021 | 916-1022 | 916-1023 |
| 84 X 72 | 916-1024 | 916-1025 | 916-1026 |
| 84 X 84 | 916-1027 | 916-1028 | 916-1029 |
| 96 X 48 | 916-1030 | 916-1031 | 916-1032 |
| 96 X 60 | 916-1033 | 916-1034 | 916-1035 |
| 96 X 72 | 916-1036 | 916-1037 | 916-1038 |
| 96 x 84 | 916-1039 | 916-1040 | 916-1041 |
| 96 X 96** | 916-1042 | 916-1043 | 916-1044 |
| 108 X 60** | 916-1045 | 916-1046 | 916-1047 |
| 108 X 72** | 916-1048 | 916-1049 | 916-1050 |
| 108 X 84** | 916-1051 | 916-1052 | 916-1053 |
| 108 X 96** | 916-1054 | 916-1056 | 916-1057 |
| 108 X 108** | 916-1058 | 916-1059 | 916-1060 |
| 120 X 60** | 916-1061 | 916-1062 | 916-1063 |
| 120 X 72** | 916-1064 | 916-1065 | 916-1066 |
| 120 X 84** | 916-1067 | 916-1068 | 916-1069 |
| 120 X 96** | 916-1070 | 916-1071 | 916-1072 |
| 120 X 120** | 916-1073 | 916-1074 | 916-1075 |
| 144 X 120** | 916-1076 | 916-1077 | 916-1078 |

20K: platforms use 10K0 lb load cells - 3/4" threaded foot
30K: platforms use 10K lb load cells - 3/4" threaded foot
40K: platforms use 20K lb load cells - 1" threaded foot

** Due to size and weight of platform, shipment via flatbed truck is suggested - call for estimated freight quote

MODEL NUMBER EXAMPLES:

96" x 60" platform with 20K capacity - BT-FCHD-9660-20
84" x 60" platform with 30K capacity - BT-FCHD-8460-30
48" x 48" platform with 40K capacity - BT-FCHD-4848-40

**Custom sizes:**

Specify exact length and width in model number - 70" x 56" platform with 20K capacity - BT-FCHD-7056-20

# Drum Scales

## Carbon and Stainless Steel Drum Scale

### GENERAL SPECIFICATIONS - CARBON STEEL

- Certificate of Conformance: 94-092A4
- Type: Low profile above ground
- Scale Capacity: 1K & 2.5K lb
- Scale Height: 1-1/2" nominal deck height
- Available Sizes: 2' x 2' - 4' x 4' - Custom sizes upon request
- Weighbridge: 1/4" carbon steel tread plate deck with live side rail design
- Deck: Side access FRP junction box, leveling foot adjustment holes in side rails
- Paint System: Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V
  1K lb capacity: (4) 1K lb
  2.5K lb capacity: (4) 2K lb
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board

### GENERAL SPECIFICATIONS - STAINLESS STEEL

- Certificate of Conformance: 94-092A4
- Type: Low profile above ground
- Scale Capacity: 1,000 & 2,500 lb
- Scale Height: 1-1/2" nominal deck height
- Available Sizes: 2' x 2' - 4' x 4' - Custom sizes upon request
- Weighbridge: 1/4" 304 stainless steel **SMOOTH** deck with live side rail design
- Deck: Side access FRP junction box, leveling foot adjustment holes in side rails
- Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Stainless steel **(IP67)**, 350 Ohms, 3.0 mV/V
  1K lb capacity: (4) 1K lb
  2.5K lb capacity: (4) 2.5K lb
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: NEMA 4 with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



36" x 36" Drum Scale
Shown with Optional Integral Ramp

# Drum Scales

## Carbon and Stainless Steel Drum Scale

***All drum scales include backstop**

| Part Number | Size | Description | Capacity |
|---|---|---|---|
| 913-1000 | 24" x 24" | Carbon steel drum scale | 1K |
| 913-1001 | 30" x 30" | Carbon steel drum scale | 1K |
| 913-1002 | 36" x 36" | Carbon steel drum scale | 1K |
| 913-1003 | 48" x 48" | Carbon steel drum scale | 1K |
| 913-1004 | 24" x 24" | Carbon steel drum scale | 2.5K |
| 913-1005 | 30" x 30" | Carbon steel drum scale | 2.5K |
| 913-1006 | 36" x 36" | Carbon steel drum scale | 2.5K |
| 913-1007 | 48" x 48" | Carbon steel drum scale | 2.5K |
| 913-1100 | 24" x 24" | Stainless steel drum scale | 1K |
| 913-1101 | 30" x 30" | Stainless steel drum scale | 1K |
| 913-1102 | 36" x 36" | Stainless steel drum scale | 1K |
| 913-1103 | 48" x 48" | Stainless steel drum scale | 1K |
| 913-1104 | 24" x 24" | Stainless steel drum scale | 2.5K |
| 913-1105 | 30" x 30" | Stainless steel drum scale | 2.5K |
| 913-1106 | 36" x 36" | Stainless steel drum scale | 2.5K |
| 913-1107 | 48" x 48" | Stainless steel drum scale | 2.5K |

| Part Number | Size | Ramp Options |
|---|---|---|
| 913-1200 | 24" x 12" | Carbon steel detachable ramp |
| 913-1201 | 30" x 12" | Carbon steel detachable ramp |
| 913-1202 | 36" x 12" | Carbon steel detachable ramp |
| 913-1203 | 48" x 12" | Carbon steel detachable ramp |
| 913-1208 | 24" x 12" | Stainless steel detachable ramp |
| 913-1209 | 30" x 12" | Stainless steel detachable ramp |
| 913-1210 | 36" x 12" | Stainless steel detachable ramp |
| 913-1211 | 48" x 12" | Stainless steel detachable ramp |

# Drum Scales

## Carbon and Stainless Steel Drum Scale

| Part Number | Junction Box / Column Options |
|---|---|
| 864-000010 | NEMA 4X stainless steel remote junction box and 4-cell signal trim summing card with 10 ft. flexible conduit and connectors |
| 913-1250 | 48" carbon steel integral indicator column w/ stainless steel column mounted junction box with signal trim summing card |
| 913-1251 | 48" stainless steel integral indicator column w/ stainless steel column mounted junction box with signal trim summing card |
| | **Portability Options** |
| 913-1260 | Carbon steel wheel kit (two swivel casters and two rigid) includes column with handle grips |
| 913-1266 | Carbon steel square tube push handle |
| 913-1261 | Stainless steel wheel kit (two swivel casters and two rigid) Includes column |
| 913-1267 | Stainless steel square tube push handle |
| | **Miscellaneous Options** |
| 913-1298 | Backstop adder carbon steel |
| 913-1297 | Backstop adder stainless steel |
| 913-1299 | Stainless steel TREAD PLATE deck upgrade (price per square foot) |
| *Please note when ordering this option, the square feet of the scale need to be determined before a total quantity and cost can be figured. To get the square feet of the scale multiply the width by the length: example scale size is 2'x3' = 6 square feet.* | |
| | See Clydesdale Floor Scale Options & Accessories page for load cell options |

# Patient Scales

## Wheelchair / Patient Scale

### GENERAL SPECIFICATIONS: ABOVE GROUND SCALE WITH INTEGRAL RAMP AND HANDRAILS

- Certificate of Conformance: NON-NTEP
- Type: Low profile above ground
- Scale Capacity: 800 lb x 0.2 lb
- Scale Height: 1-1/2" nominal deck height
- Platform Sizes: 34" x 34" & 34" x 40" - Custom sizes upon request
- Weighbridge: Carbon steel smooth deck with non-slip surface finish, single integral ramp standard
- Deck: Side access FRP junction box, leveling foot adjustment holes in side rail
- Paint System: Gray Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V
  800 lb capacity: (4) 500 lb cells
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board

### GENERAL SPECIFICATIONS: IN-FLOOR SCALE

- Certificate of Conformance: NON-NTEP
- Type: Low profile in-floor installation
- Scale Capacity: 800 lb x 0.2 lb
- Scale Height: 4" nominal deck height - mounted in pit frame
- Available Sizes: 34" x 34" & 34" x 40" - Custom sizes upon request
- Weighbridge: Carbon steel smooth deck with non-slip surface finish
- Deck: Top access FRP junction box, leveling foot adjustment holes
- Finish: Grey Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0mV/V
  800 lb capacity: (4) 500 lb cells
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: NEMA 4 fiberglass reinforced plastic (FRP) with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



34" x 40" above ground scale shown with single ramp, hand rails and integral shelf for (optional) indicator and printer.



34" x 40" in-floor scale shown with pit frame

# Patient Scales

## Wheelchair / Patient Scale

| Part Number | Above Ground Scale |
|---|---|
| 913-2000 | BS-3434-800-CS-DS above ground patient scale<br>34" x 34" platform ( overall dimension 42" x 46" )<br>Single integral ramp<br>Hand rails with indicator / printer shelf |
| 913-2001 | BS-3440-800-CS-DS above ground patient scale<br>34" x 40" platform ( overall dimension 42" x 52" )<br>Single integral ramp<br>Hand rails with indicator / printer shelf |
| 913-2005 | Optional - Second access / exit ramp |
| | **In-Floor Scale** |
| 913-2002 | BT-FC-3440-800-FEFS-TA in-floor patient scale<br>34" x 40" platform<br>(requires pit frame listed below) |
| 913-2003 | 918-PF-3440-5K-CS-F<br>34" x 40" pit frame |
| 913-2004 | Optional - Stainless steel, scale mounted hand rail |

# Weigh-A-Round

## Carbon and Stainless Portable Scales

### GENERAL SPECIFICATIONS - CARBON STEEL

- Certificate of Conformance: NON-NTEP
- Type: Portable single point weighing platform
- Scale Capacity: 100 - 1.5K lb
- Platform Height: 6-9/16" nominal
- Available Sizes: 24" x 18" & 30" x 24" - custom sizes upon request
- Weighbridge: Heavy duty structural channel base frame and structural tube spider
  (2) fixed in-board and (2) rear mounted swivel wheels
- Column: 48" tall structural tube column with handle grips and top plate for indicator
  **Top Plate: 6 in x 7 in / Universal Top Plate: 6 in x 4 in**
- Platter: 304 stainless steel
- Casters 5" carbon steel swivel casters with wheel locks
- Finish: Alkyd Enamel
- Load Cell: Anodized aluminum “brick type” single point load cell
  Environmentally sealed (IP67), 350 Ohms, 2.0 mV/V, FM Approved
- Warranty: 2-Years on weighbridge steel structure
  1-Year on load cell

### GENERAL SPECIFICATIONS - STAINLESS STEEL

- Certificate of Conformance: NON-NTEP
- Type: Portable single point weighing platform
- Scale Capacity: 100 - 1.5K lb
- Platform Height: 6-9/16 nominal
- Available Sizes: 24" x 18" & 30" x 24" - custom sizes upon request
- Weighbridge: Heavy duty 304 stainless steel structural channel base frame and structural tube spider
  (2) fixed in-board and (2) rear mounted swivel wheels
- Column: 48" tall structural tube column with handle grips and top plate for indicator
  **Top Plate: 6 in x 7 in / Universal Top Plate: 6 in x 4 in**
- Platter: 304 stainless steel
- Casters 5" carbon steel swivel casters with wheel locks
- Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Anodized aluminum “brick type” single point load cell
  Environmentally sealed (IP67), 350 Ohms, 2.0 mV/V, FM Approved
- Warranty: 2-Years on weighbridge steel structure
  1-Year on load cell



24" x 18" Weigh-A-Round with Swivel Casters
48" Column with Handle Grips

# Weigh-A-Round

## Carbon and Stainless Portable Scales

### Carbon Steel

| Part Number | Model Number | L | W | Capacity |
|---|---|---|---|---|
| 912-3050 | BW-2418-100-CSPS | 24" | 18" | 100 lb |
| 912-3051 | BW-2418-250-CSPS | 24" | 18" | 250 lb |
| 912-3052 | BW-2418-500-CSPS | 24" | 18" | 500 lb |
| 912-3053 | BW-2418-1000-CSPS | 24" | 18" | 1,000 lb |
| 912-3054 | BW-2418-1500-CSPS | 24" | 18" | 1,500 lb |
| 912-3067 | BW-3024-250-CSPS | 30" | 24" | 250 lb |
| 912-3055 | BW-3024-500-CSPS | 30" | 24" | 500 lb |
| 912-3056 | BW-3024-1000-CSPS | 30" | 24" | 1,000 lb |
| 912-3057 | BW-3024-1500-CSPS | 30" | 24" | 1,500 lb |

### Stainless Steel

| Part Number | Model Number | L | W | Capacity |
|---|---|---|---|---|
| 912-3058 | BW-2418-100-SSPS | 24" | 18" | 100 lb |
| 912-3059 | BW-2418- 250-SSPS | 24" | 18" | 250 lb |
| 912-3060 | BW-2418- 500-SSPS | 24" | 18" | 500 lb |
| 912-3061 | BW-2418-1000-SSPS | 24" | 18" | 1,000 lb |
| 912-3062 | BW-2418-1500-SSPS | 24" | 18" | 1,500 lb |
| 912-3063 | BW-3024-500-SSPS | 30" | 24" | 500 lb |
| 912-3064 | BW-3024-1000-SSPS | 30" | 24" | 1,000 lb |
| 912-3065 | BW-3024-1500-SSPS | 30" | 24" | 1,500 lb |
| 912-3068 | BW-3024-250-SSPS | 30" | 24" | 250 lb |

Hermetically sealed stainless steel load cell

### Options

| | |
|---|---|
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |

# Livestock Scale

## Large and Small Animal Livestock Scales

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 94-092A4
- Type: Above ground
- Scale Capacity: 2.5K x 0.5 lb
  5K x 1 lb
- Scale Height: 4-3/8" nominal
- Available Sizes: 4' x 2' & 6' x 2'
  8' x 3' & 8' x 4'
  **Custom size platforms available**
- Weighbridge: 1/4" carbon steel tread plate with formed channel sub-structure
- Deck: Heavy duty rubber barn mat bolted to deck
  Racking with kick-plate attached to top of deck
  Swing gate w/ latch at each end of platform (4x2 & 6x2)
  Slide gate at each end of platform (8x3 & 8x4)
- Paint System: Alkyd Enamel
- Load Cell: Plated alloy steel, 350 Ohms, 3.0 mV/V
  - 2.5K lb capacity: (4) 1K lb cells
  - 5K lb capacity: (4) 2.5K lb cells
  **Optional Stainless Steel cells are available**
- Rodent Protection: Anti-rodent design keeps rodents from entering the scale and destroying electornics
- Leveling foot: B-TEK stainless steel ball encapsulated foot - 2.5" diameter base
- Junction Box: Stainless steel with signal trim summing board
- Warranty: 3-Years on weighbridge steel structure
  2-Years on load cells, junction box, and summing board



Single Livestock

# Livestock Scale

## Large and Small Animal Livestock Scales

| Part Number | Description |
|---|---|
| 911-3004 | **Small Animal Livestock Scale** 48" x 24" platform. Includes: racking with kickplate, (2) swing gate doors, heavy duty rubber mat and rodent protection |
| 911-3003 | **Small Animal Livestock Scale** 72" x 24" platform. Includes: racking with kickplate, (2) swing gate doors, heavy duty rubber mat and rodent protection |
| 911-3001 | **Single Animal Livestock Scale** 96" x 36" platform. Includes: racking with kick-plate, (2) slide gates, heavy duty rubber mat and rodent protection |
| 911-3002 | **Single Animal Livestock Scale** 96" x 48" platform. Includes: racking with kick-plate, (2) slide gates, heavy duty rubber mat and rodent protection |
| | **Options** |
| 861-000010 | (1) male circular 5-pin connector with pigtail end. 20' length - rated IP68 (water-tight) |
| 861-000011 | (1) female circular 5-pin connector with pigtail end. 5' length - rated IP68 (water-tight) |
| Carbon Steel Wheel Kit | (2) swivel casters and (2) rigid. *Small Animal livestock scales only*. |



Small Animal Livestock

# Counting Bench

## C100 - Compact Bench Parts Counter

### GENERAL SPECIFICATIONS

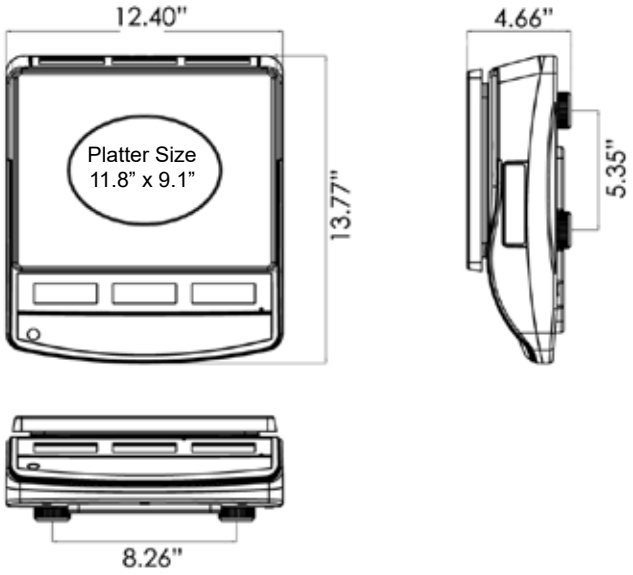
- NTEP COC: NON-NTEP
- Capacities: 6, 12, 30, 60, 100 lb
- ABS housing
- Stainless steel weighing platter
- Weighing Surface: 11.8" x 9.1"
- Weighing Surface: 14.5" x 9.4" (100 lb only)
- Backlit 0.78" LCD displays
- Built-in rechargeable battery
- Up to 90 hour battery life
- Overload protection
- 60,000 division performance
- ***Remote scale input (standard)***
- ***Remote scale 18' cable***
- (1) RS-232 serial port
- Units: lb, kg
- Full numeric keypad
- Three displays for simplistic operation
  - Piece count
  - Gross weight
  - Average piece weight



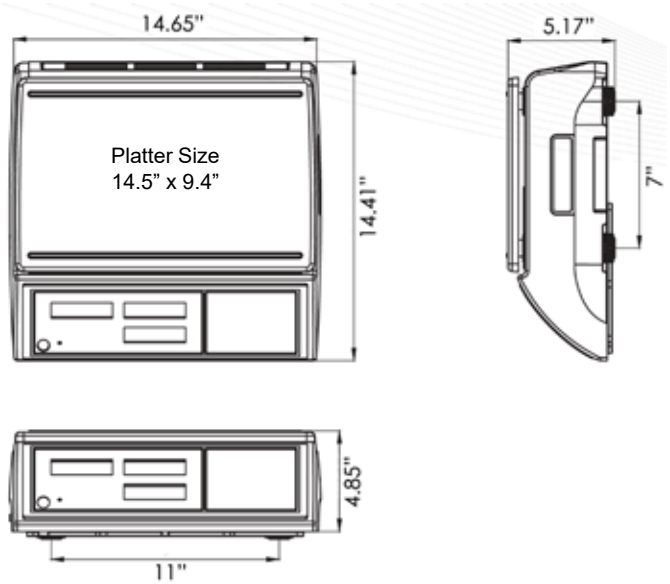
**COUNTING SCALE INCLUDES:**

**Remote Scale Input, 18' Remote Scale Cable w/ Connector Attached, AC Wall Transformer, Extra DB9 Connector**

**Dimensions: C100 / 6, C100 / 12, C100 / 30, C100 / 60**




**Dimensions: C100 / 100**



# Counting Bench

## C100 - Compact Bench Parts Counter

| Part Number | Description |
|---|---|
| 899-300000 | C100 / 6 6 lb x 0.0001 lb — 3 Kg x 0.0001 Kg |
| 899-300001 | C100 / 12 12 lb x 0.0002 lb — 6 Kg x 0.0001 Kg |
| 899-300002 | C100 / 30 30 lb x 0.0005 lb — 15 Kg x 0.0002 Kg |
| 899-300003 | C100 / 60 60 lb x 0.001 lb — 30 Kg x 0.0005 Kg |
| 899-300020 | C100 / 100 100 lb x 0.02 lb — 50 Kg x 0.001 Kg |
| | **Replacement Parts** |
| 899-300042 | PGE-W / C100 / C200 AC Wall Power Supply |
| 899-300043 | Threaded Foot - C100 Counting Scale ( 6-60 lb ) |
| 899-300044 | Threaded Foot - C100 Counting Scale ( 100 lb ) |
| 899-300021 | Fitted Dust Cover - C100 Counting Scale ( 6-60 lb ) |
| 899-300022 | Replacement Battery - C100 Counting Scale & BWS Indicator |
| 899-300025 | Stainless Pan / Platter - C100 Counting Scale ( 6-60 lb ) |
| 899-300080 | Stainless Pan / Platter - C100 Counting Scale ( 100 lb ) |
| 899-300026 | Plastic Pan / Spider - C100 Counting Scale ( 6-60 lb ) |
| 899-300067 | Battery Cover - C100 Counting Scale ( 6-60 lb ) |
| 899-300068 | Battery Cover - C100 Counting Scale ( 100 lb ) |
| 899-300077 | Power Switch - C100 Counting Scale ( 6-60 lb ) |
| 899-300078 | Power Switch - C100 Counting Scale ( 100 lb ) |
| 899-300075 | Keypad Overlay - C100 Counting Scale ( 6-60 lb ) |
| 899-300076 | Keypad Overlay - C100 Counting Scale ( 100 lb ) |
| 899-300079 | C100 Keypad PCB ( 100 lb ) |
| 899-300074 | Front LCD Display LCD - C100 Counting Scale ( 6-60 lb ) |
| 899-300088 | Front LCD Display LCD - C100 Counting Scale ( 100 lb ) |
| 899-300072 | Main PCB - C100 Counting Scale ( 6-60 lb ) |
| 899-300073 | Main PCB - C100 Counting Scale (100 lb ) |
| 899-300094 | C100 Remote Base Homerun Cable ( 6-60 lb ) |
| 899-300110 | C100 / 100 lb Remote Base Homerun Cable |
| 899-300131 | C100 Bumper Support for 100 lb Capacity |
| 899-300032 | C100 / 6 Load Cell - 6Kg |
| 899-300033 | C100 / 12 Load Cell - 10Kg |
| 899-300034 | C100 / 30 Load Cell - 40Kg |
| 899-300035 | C100 / 60 Load Cell - 50Kg |



Remote Scale Input - C100 Standard Feature
(Remote base show is not included)

# Counting Bench

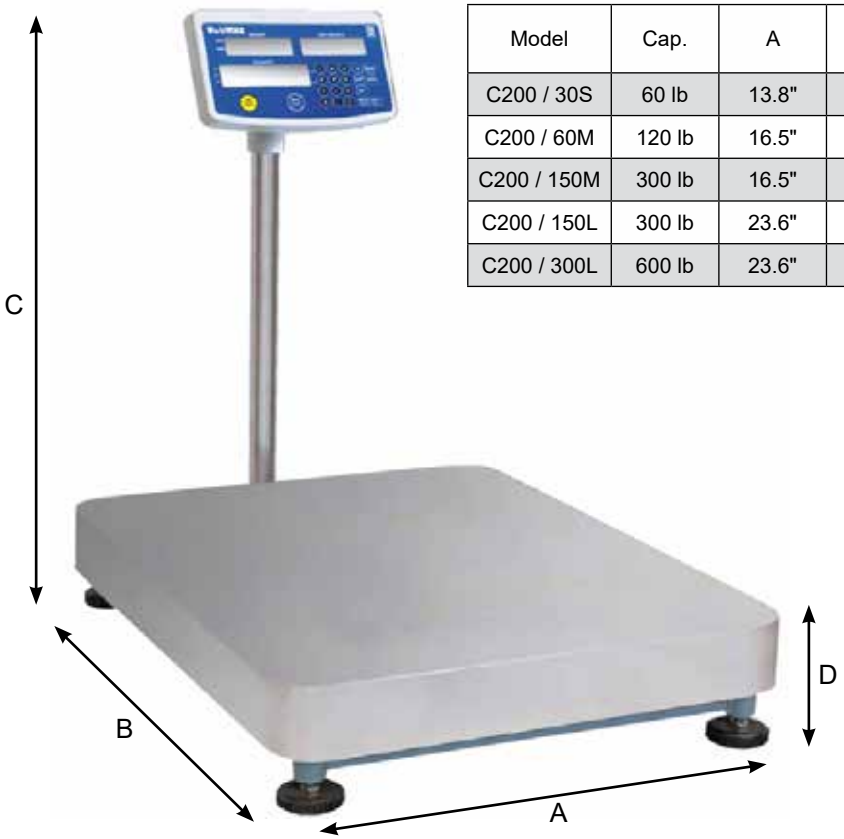
## C200 - Bench Scale / Parts Counter

### GENERAL SPECIFICATIONS

- NTEP COC: NON-NTEP
- ABS indicator housing
- Integral indicator column
- Stainless steel weighing platter
- Painted mild steel platform
- Adjustable leveling feet
- Overload protection
- 15,000 division performance
- Backlit 0.65" LCD displays
- Built-in rechargeable battery
- Up to 70 hour battery life
- Units: lb, kg
- Full numeric keypad
- Three displays for simplistic operation
  - Piece count
  - Gross weight
  - Average piece weight



**Bench Scale Includes: Platform, Column, Indicator and AC Wall Transformer**




| Model | Cap. | A | B | C | D | Ship Weight |
|---|---|---|---|---|---|---|
| C200 / 30S | 60 lb | 13.8" | 17.7" | 33.5" | 4.25" | 37 lb |
| C200 / 60M | 120 lb | 16.5" | 20.5" | 35.4" | 4.25" | 41 lb |
| C200 / 150M | 300 lb | 16.5" | 20.5" | 35.4" | 4.25" | 41 lb |
| C200 / 150L | 300 lb | 23.6" | 31.5" | 35.4" | 4.25" | 145 lb |
| C200 / 300L | 600 lb | 23.6" | 31.5" | 35.4" | 4.25" | 145 lb |

## C200 - Bench Scale / Parts Counter

| Part Number | Description |
|---|---|
| 899-300004 | C200 / 30S 60 lb x 0.005 lb |
| 899-300005 | C200 / 60M 120 lb x 0.01 lb |
| 899-300006 | C200 / 150M 300 lb x 0.02 lb |
| 899-300007 | C200 / 150L 300 lb x 0.02 lb |
| 899-300008 | C200 / 300L 600 lb x 0.05 lb |
| | **Replacement Parts** |
| 899-300071 | C200 Complete Indicator |
| 899-300069 | C200 Main Board |
| 899-300042 | PGE-W / C100 / C200 AC Wall Power Supply |
| 899-300070 | C200 Keyboard Overlay |
| 899-300066 | C200 Threaded Foot - 12mm Thread, 2-1/2" Base Dia. |
| 899-300028 | C200 Indicator Replacement Battery |
| 899-300040 | C200 Indicator Replacement Dust Cover |
| 899-300095 | C200 Center Rubber Support ( 30S ) |
| 899-300096 | C200 Corner Rubber Support ( 30S ) |
| 899-300097 | C200 Center Rubber Support ( 150L / 300L ) |
| 899-300098 | C200 Center Rubber Support ( 150L / 300L ) |
| 899-300036 | C200 Load Cell L6E-50Kg For C200 / 30S |
| 899-300037 | C200 Load Cell L6G-100Kg For C200 / 60M |
| 899-300038 | C200 Load Cell L6G-200Kg For C200 / 150M / 150L |
| 899-300039 | C200 Load Cell L6G-500Kg For C200 / 300L |

**Bench Scale Includes: Platform, Column, Indicator and AC Wall Transformer**

# HRCS

## High Resolution Counting Scale

### GENERAL SPECIFICATIONS - COUNTING SCALE



- Standard capacities: 2, 10, 70 and 175 lb
  **1, 5, 25, 50 and 100 lb capacities available through custom setup. Requires part number 825-300199 to configure and calibrate.*
- 1 billion internal count resolution using the high accuracy of the Quartzell transducer
- Aluminum die-cast clamshell base with 1100% overload and shock protection
- Available applications:
  - Counting application with 40 PLU piece weight data storage (keypad required)
  - Checkweighing
  - High Resolution Balance for general weighing
- Stainless steel weighing platter with adjustable feet
- Backlit display with seven 0.5 inch segments
- Ports:
  - Comes standard with (2) Serial ports, (1) Ethernet, (3) Inputs and (3) Outputs
  - (2) RS232 serial ports (green connector)
  - (1) Mini USB VCP port: connected in parallel with COM2 or consumes COM2 if used
  - (1) Ethernet port (local base: client or server. Dual base: server only)
  - (1) Analog port (green connector) only active when optional 5V analog card is fitted
  - (1) Side RJ45 connector dedicated for remote keyboard only
  - (1) 9V DC power socket to allow the base or indicator to be powered from the DC socket on the rear of the base or directly from the rear of the indicator
- Units: lb, kg, g, oz, and custom
- Shipping weight: 17-23 lb



2 and 10 lb model
6" diameter platter



70 lb model
9" x 12" platter



70 and 175 lb model
12" x 14" platter

Shown with optional keypad

| Part Number | Model Number | HRCS Counting Scale |
|---|---|---|
| 825-300002 | HRCS-0912-002 | HRCS Counting Scale 2 lb x 0.00002 lb - 6” Diameter |
| 825-300004 | HRCS-0912-010 | HRCS Counting Scale 10 lb x 0.0001 lb - 6” Diameter |
| 825-300007 | HRCS-0912-070 | HRCS Counting Scale 70 lb x 0.001 lb - 9”x12” |
| 825-300010 | HRCS-1214-070 | HRCS Counting Scale 70 lb x 0.001 lb - 12”x14” |
| 825-300012 | HRCS-1214-175 | HRCS Counting Scale 175 lb x 0.002 lb - 12”x14” |
| 825-300199 | Downrange Adder | Configure and calibrate for downranging to a 1, 5, 20, 50 or 100lb scale. *Please note: This cost will be added to the above pricing, the scale will come configured and calibrated in the downrange size selected.* |

# HRB Digital Bench Base

## GENERAL SPECIFICATIONS - DIGITAL BASE

- Standard capacities: 2, 10, 70 and 175lb
- 1 billion internal count resolution using the high accuracy of the Quartzell transducer
- Aluminum die-cast clamshell base with 1100% overload and shock protection
- (3) Stainless steel weighing platter sizes with adjustable feet
- Compatible with the HRCS, T405S and the T419S indicators
- Ports:
  - RJ45 remote HRB port
- Units: lb, kg, g, oz, and custom
- Shipping weight: 17-23 lb



## Available sizes and resolutions

| Platter Size | Capacity and Resolution lb | Capacity and Resolution kg |
|---|---|---|
| 6” diameter | 2 lb x 0.00002 lb | 1000 g x 0.01 g |
| 6” diameter | 10 lb x 0.0001 lb | 5000 g x 0.05 g |
| 9” x 12” | 70 lb x 0.001 lb | 35 kg x 0.0005 kg |
| 12” x 14” | 70 lb x 0.001 lb | 35 kg x 0.0005 kg |
| 12” x 14” | 175 lb x 0.002 lb | 80 kg x 0.001 kg |



2 and 10 lb model
6" diameter platter



70 lb model
9" x 12" platter



70 and 175 lb model
12" x 14" platter

| Part Number | Model Number | HRB Digital Bench Base |
|---|---|---|
| 825-300025 | HRB-0912-002 | HRB High Resolution Digital Bench Base 2 lb x 0.00002 lb - 6” Diameter |
| 825-300026 | HRB-0912-010 | HRB High Resolution Digital Bench Base 10 lb x 0.0001 lb - 6” Diameter |
| 825-300027 | HRB-0912-070 | HRB High Resolution Digital Bench Base 70 lb x 0.001 lb - 9”x12” |
| 825-300028 | HRB-1214-070 | HRB High Resolution Digital Bench Base 70 lb x 0.001 lb - 12”x14” |
| 825-300029 | HRB-0912-175 | HRB High Resolution Digital Bench Base 175 lb x 0.002 lb - 2”x14” |
| 825-300030 | HRB-1214-70-BT | HRB High Resolution Digital Bench Base with Ball Top Shroud 70 lb x 0.001 lb - 12”x14” |
| 825-300031 | HRB-1214-175-BT | HRB High Resolution Digital Bench Base with Ball Top Shroud 175 lb x 0.002 lb - 12”x14” |

# HRCS and HRB

## High Resolution Counting Scale and Digital Base

| | Part Number | Description |
|---|---|---|
| **Indicator/Base Accessories** | 825-300000 | HRCS Replacement Indicator |
| | 825-300048 | Remote Numeric Keypad (Required for Second Base or PLU Storage) |
| | 825-300051 | HRCS/HRB Light Stack Red, Yellow, Green IP67 with Audible Alarm (Requires 825-300073 Light Stack Bracket) |
| | 825-300052 | HRCS/HRB Light Stack Red IP67 with Audible Alarm (Requires 825-300073 Light Stack Bracket) |
| | 825-300049 | HRCS Wired Barcode Scanner - USB & RS232 |
| | 825-300050 | HRCS Wireless Barcode Scanner with Charger / Cradle - USB & RS232 |
| **Relay Options** | 825-300054 | HRCS 2.5 TO 28 DC Volt Input Module |
| | 825-300055 | HRCS 10 TO 32 AC/DC Volt Input Module |
| | 825-300056 | HRCS 90 TO 140 AC/DC Volt Input |
| | 825-300057 | HRCS 5 TO 60 DC Volt Output Module |
| | 825-300058 | HRCS 120/240 VAC Output Module |
| | 825-300059 | HRCS .5AMP SPST Normally Open Dry Contact Relay |
| | 825-300123 | HRCS OPTO Board Enclosure IP69K |
| | 825-300124 | HRCS OPTO Board Only (3 Inputs / 3 Outputs) AC/DC |
| **Battery Options** | 825-300063 | HRCS Internal Rechargeable Battery Kit |
| **Power Supply and Cord Options** | 825-300120 | HRCS Counting Scale, Power Supply |
| | 825-300121 | HRCS Counting Scale, Power Cord |
| **Column and Bracket Options** | 825-300037 | HRCS/HRB Glass Draft Shield 2-10 lb Models |
| | 825-300038 | HRCS/HRB Ball Top Shroud Only Available for 12" x 14" Scales |
| | 825-300036 | HRCS/HRB Underhook 2 - 10 lb 6" Diameter Only |
| | 825-300044 | HRCS/HRB Underhook 70 lb 9" x 12" Base Only |
| | 825-300073 | HRCS/HRB Rear Light Stack Bracket |
| | 825-300039 | HRCS/HRB Clamp Down Plate Kit |
| | 825-300045 | HRCS/HRB Rear Plate Protector |
| | 825-300042 | HRCS Column 15" |
| | 825-300043 | HRCS Column 23" (Includes cable part number 825-300074) |
| | 825-300071 | HRCS Indicator Desk or Wall Bracket (Supplied with cable 825-300074) |
| | 825-300040 | HRB Stainless Column Kit for T405S Indicators 15" |
| | 825-300041 | HRB Stainless Column Kit for T405S Indicators 23" |
| **Software** | 825-300125 | B-TEK Tools Configuration and Development Software |

## High Resolution Counting Scale and Digital Base

| | Part Number | Description |
|---|---|---|
| Leads and Cables | 825-300074 | 10' Remote Cable to Extend HRCS Indicator from HRB Base (RJ45 Both Ends) |
| | 825-300075 | 25' Remote Cable to Extend HRCS Indicator from HRB Base (RJ45 Both Ends) |
| | 825-300076 | 50' Remote Cable to Extend HRCS Indicator from HRB Base (RJ45 Both Ends) |
| | 825-300032 | HRCS/HRB RS232 Interconnect Cable - Can be used for the HRCS Base to Remote Analog Base or HRB Base to T405/T419 Indicators - 10' (RJ45 to stripped ends) |
| | 825-300033 | HRCS/HRB RS232 Interconnect Cable - Can be used for the HRCS Base to Remote Analog Base or HRB Base to T405/T419 Indicators - 25' (RJ45 to stripped ends) |
| | 825-300034 | HRCS/HRB RS232 Interconnect Cable - Can be used for the HRCS Base to HRB Base or HRB Base to T405/T419 Indicators - 50' (RJ45 to stripped ends) |
| | 825-300080 | Scanner Serial Com Cable Assembly, RS232, DP9 Female on one end, pig tales on opposite end, 5' + 5V on PIN 4 |
| | 825-300081 | Serial Com Cable Assembly, RS232, DP9 Female on one end, pig tales on opposite end, 5' |
| | 825-300082 | Serial Com Cable Assembly, RS232, DP9 Female on one end, pig tales on opposite end, S 10' |
| | 825-300126 | 20 in. HRCS to HRB Connection Cable RJ45 on each end |
| | 825-300127 | HRCS to PC USB cable. Mini B and Standard A. |
| Option Cards | 825-300084 | HRCS 2nd Scale Analog Option Card, Other than HRB (Requires 825-300048 HRCS Remote Keypad) |
| | 825-300085 | HRCS RM300 Wireless Ethernet Communication (802.11a/b/g/n) Module and Antenna |

***Please note: Only one option card can be installed in the HRCS***

# HRCS and HRB

## High Resolution Counting Scale and Digital Base

| Part Number | Item#/Chart | Replacement Parts |
|---|---|---|
| 825-300087 | 1 | HRCS/HRB USB Connection Subassembly |
| 825-300112 | 2 | HRCS/HRB Counting Scale, Loadbridge, 1/5 kg |
| 825-300088 | 2 | HRCS/HRB Counting Scale, Loadbridge, 9” x 12” |
| 825-300089 | 2 | HRCS/HRB Counting Scale, Loadbridge, 12” x 14” |
| 825-300090 | 3 | HRCS/HRB Counting Scale, Bottom Shell, 9” x 12” |
| 825-300092 | 3 | HRCS/HRB Counting Scale, Bottom Shell, 12” x 14” |
| 825-300091 | 4 | HRCS/HRB Counting Scale, Top Shell, 9” x 12” |
| 825-300093 | 4 | HRCS/HRB Counting Scale, Top Shell, 12” x 14” |
| 825-300094 | 5 | HRCS/HRB Counting Scale, Feet |
| 825-300095 | 6 | HRCS/HRB Counting Scale, Portcap Fixture |
| 825-300096 | 7 | HRCS/HRB Counting Scale, Level |
| 825-300110 | 8 | HRCS/HRB Cable Assembly, Interface 9” x 12” |
| 825-300097 | 8 | HRCS/HRB Cable Assembly, Interface 12” x 14” |
| 825-300098 | 9 | HRCS/HRB Counting Scale, Ground Interface |
| 825-300100 | 10 | HRCS/HRB Counting Scale, Shroud, 9” x 12” |
| 825-300099 | 10 | HRCS/HRB Counting Scale, Shroud, 12” x 14” |
| 825-300103 | 11 | HRCS/HRB Counting Scale, Loadcell Assembly, 1.5kg |
| 825-300104 | 11 | HRCS/HRB Counting Scale, Loadcell Assembly, 6kg |
| 825-300105 | 11 | HRCS/HRB Counting Scale, Loadcell Assembly, 35kg |
| 825-300106 | 11 | HRCS/HRB Counting Scale, Loadcell Assembly, 80kg |
| 825-300111 | 12 | HRCS/HRB Counting Scale, Load Pan, 1/5 Kg |
| 825-300113 | 13 | HRCS/HRB Counting Scale, Load Pan Skirt, 1/5kg HRB |
| 825-300107 | 14 | HRCS/HRB Counting Scale, Springs, 35kg |
| 825-300108 | 14 | HRCS/HRB Counting Scale, Springs, 80kg |

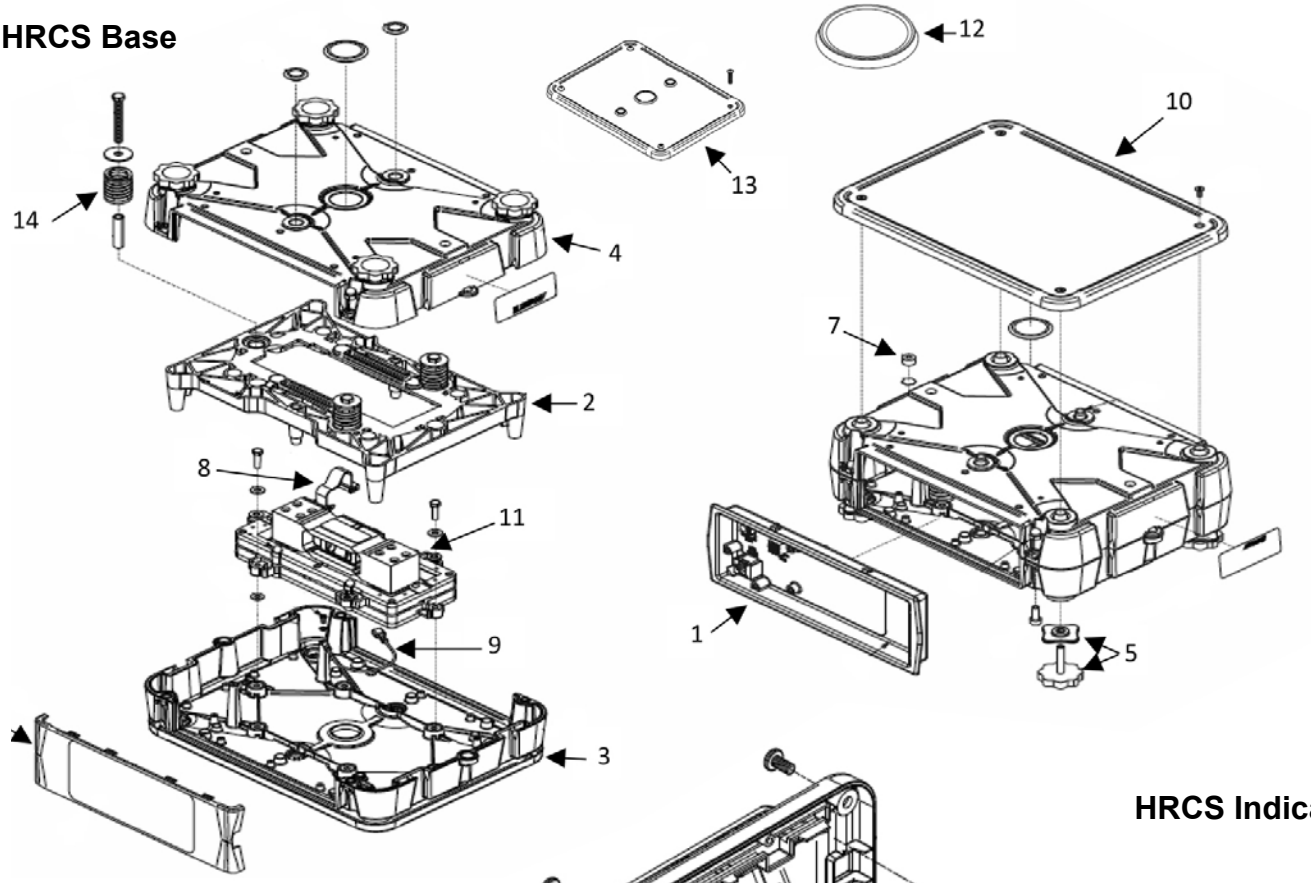
***See page 157 for corresponding item numbers and diagram***

| | | |
|---|---|---|
| 825-300114 | 15 | HRCS Counting Scale, Enclosure |
| 825-300115 | 16 | HRCS Counting Scale, Keypad |
| 825-300116 | 17 | HRCS Counting Scale, Display, |
| 825-300117 | 18 | HRCS Counting Scale, Hardware |
| 825-300119 | 19 | HRCS Counting Scale, Factory Programmed Mainboard |
| 825-300109 | Not Shown | HRCS/HRB Counting Scale, Shroud, Ball Top |
| 825-300102 | Not Shown | HRCS/HRB Counting Scale, Hardware |
| 825-300101 | Not Shown | HRCS/HRB Counting Scale, Handle |
| 825-300120 | Not Shown | HRCS/HRB Counting Scale, Power Supply |
| 825-300121 | Not Shown | HRCS/HRB Counting Scale, Power Cord |

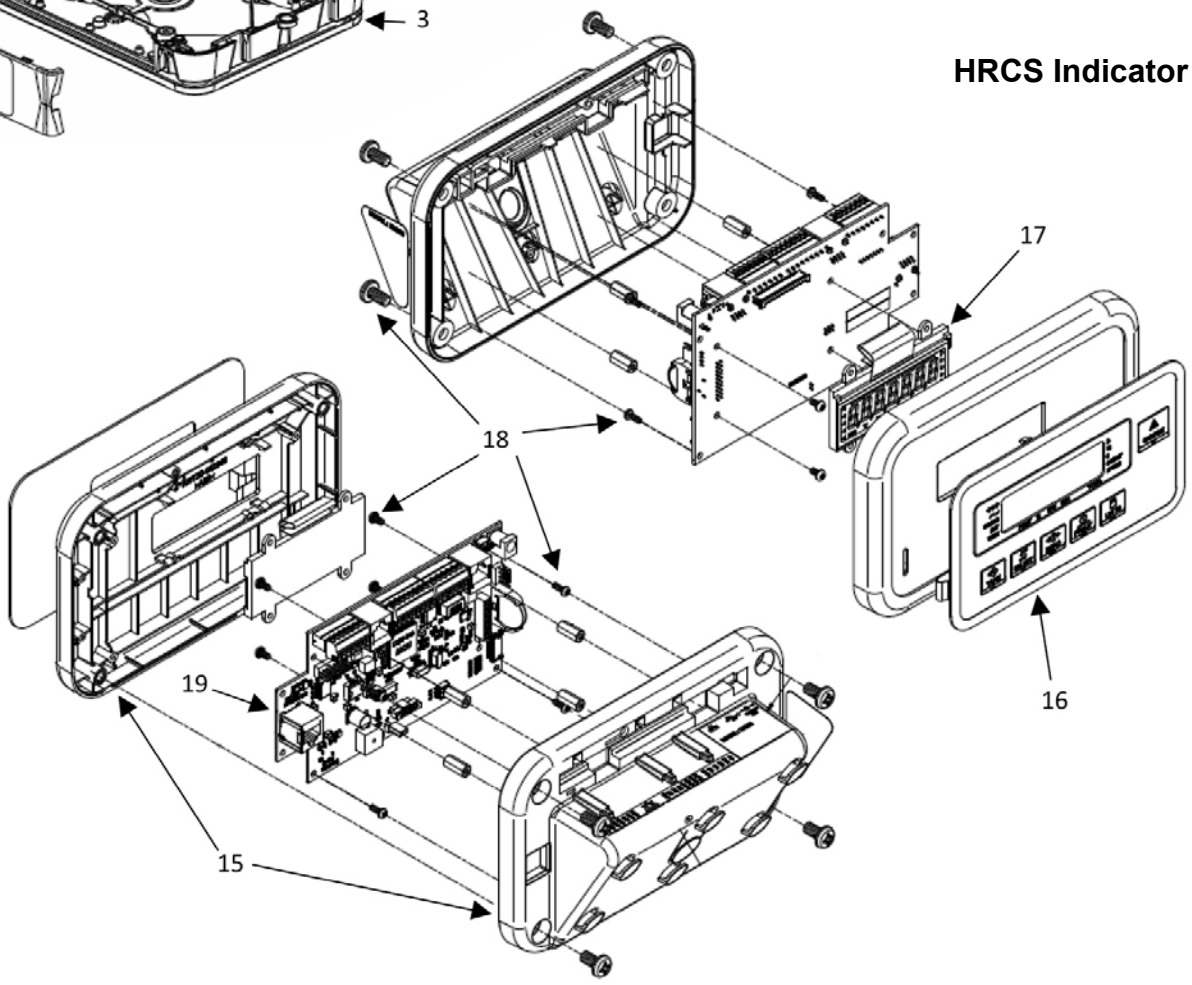
***See page 157 for corresponding item numbers and diagram***

## High Resolution Counting Scale and Digital Base

### HRCS Base




### HRCS Indicator



# Precision Bench Scale

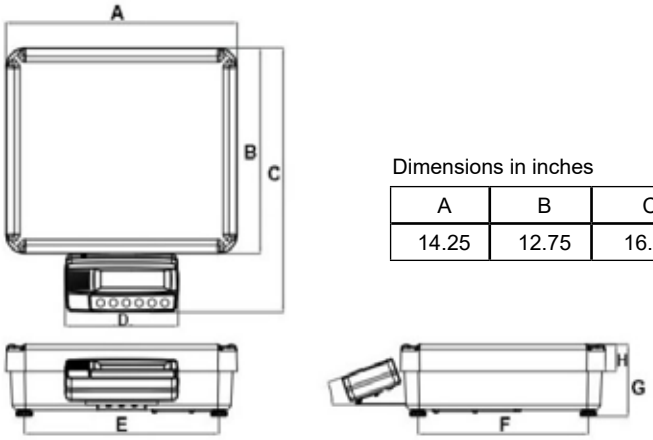
## AccuSure - Precision Bench Scale

### GENERAL SPECIFICATIONS

- COC: NON-NTEP
- Capacity: 30 kg / 60 lb
- Readability: 0.5 g / 0.001 lb
- Die-cast aluminum base frame
- Stainless steel weighing platter
- Weighing Surface: 14.25” x 12.75”
- Adjustable feet
- Backlit 0.875” LCD display
- AC wall adapter
- Built-in rechargeable battery
- Up to 40 hour battery life
- (1) RS-232 serial port
- Units: lb, kg, oz, g
- Shipping weight: 20 lb



**BENCH SCALE APPLICATIONS: Checkweighing, Accumulation, Animal Weighing and Peak Hold**




Dimensions in inches

| A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|
| 14.25 | 12.75 | 16.25 | 7.00 | 12.00 | 10.50 | 5.00 | 3.25 |

| Part Number | Description |
|---|---|
| 899-300109 | AccuSure Precision Bench Scale - 30 kg x 0.2 g |
| | **Replacement Parts** |
| 899-300162 | AccuSure Top Pan Cover |
| 899-300163 | AccuSure Half Round Rubber For Spider Assembly |
| 899-300164 | AccuSure Load Cell |
| 899-300165 | AccuSure Foot |
| 899-300166 | AccuSure Complete Indicator |
| 899-300167 | AccuSure Power Supply |
| 899-300168 | AccuSure Battery |

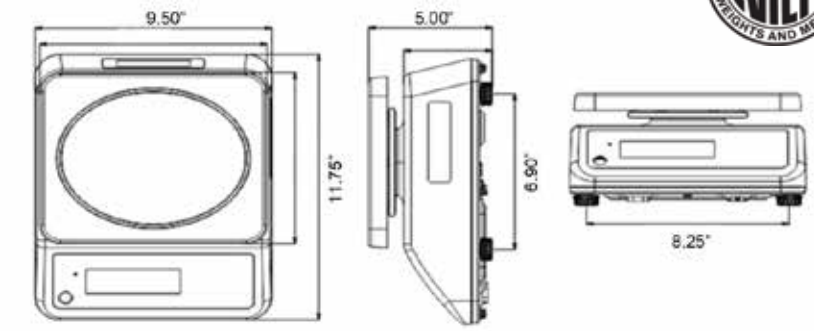
# Portion WD Bench Scale

## WorldWEIGH Portion WD Series - Washdown Bench Scale

### GENERAL SPECIFICATIONS

- NTEP COC: 20-074
- Capacity:
  - 6 lb x .001 lb / 3kg x .5g
  - 12 lb x .002 lb / 6kg x 1g
  - 30 lb x .005 lb / 15kg x 2g
- Stainless steel IP 65 base
- Stainless steel weighing platter
- Weighing surface: 9” x 7.5”
- Adjustable Feet
- Backlit 1” LCD display
- AC wall adapter
- Built-in rechargeable battery
- Up to 70 hour battery life
- Units: lb, oz, kg, g & lb. oz
- Shipping weight: 9 lb
- Bench Scale Applications:
  - Check Weighing
  - Accumulation
  - Parts Counting
  - Animal Weighing
  - Peak Hold




| Part Number | Description |
|---|---|
| 899-300136 | WD-6 6 lb Washdown Bench Scale 6 lb x .001 lb / 3 kg x .5 g |
| 899-300137 | WD-12 12 lb Washdown Bench Scale 12 lb x .002 lb / 6 kg x 1 g |
| 899-300138 | WD-30 30 lb Washdown Bench Scale 30 lb x .005 lb / 15 kg x 2 g |
| | **Replacement Parts** |
| 899-300139 | WorldWEIGH Portion WD SS Top Pan |
| 899-300140 | WorldWEIGH Portion WD Rubber 1 |
| 899-300141 | WorldWEIGH Portion WD Rubber 2 |
| 899-300142 | WorldWEIGH Portion WD Pan Support |
| 899-300143 | WorldWEIGH Portion WD Front Display PCB |
| 899-300170 | WorldWEIGH Portion WD-6 lb Load Cell |
| 899-300171 | WorldWEIGH Portion WD-12 lb Load Cell |
| 899-300172 | WorldWEIGH Portion WD-30 lb Load Cell |
| 899-300145 | WorldWEIGH Portion WD Battery Box Cover |
| 899-300173 | WorldWEIGH Portion WD-6 lb Overlay |
| 899-300174 | WorldWEIGH Portion WD-12 lb Overlay |
| 899-300175 | WorldWEIGH Portion WD-30 lb Overlay |
| 899-300147 | WorldWEIGH Portion WD Front Display Protection |
| 899-300148 | WorldWEIGH Portion WD Seal Rubber |
| 899-300149 | WorldWEIGH Portion WD Foot Fixer |
| 899-300150 | WorldWEIGH Portion WD Foot |
| 899-300176 | WorldWEIGH Portion WD Battery |

# Bench Scale

## C300 - Bench Scale

### GENERAL SPECIFICATIONS

- NTEP COC: 12-077A1
- Capacities: 50,100 and 250 lb
- Single point load cell bench scale
- Stainless steel weighing platter
- Base frame, epoxy painted mild steel
- Stainless steel bolt-on column for indicator
- 4-point overload protection
- Easy leveling adjustable feet
- BWS indicator has durable stainless steel housing
- Backlit, 2" tall LCD display
- Units: lb, kg
- AC line cord / Built-in rechargeable battery
- 30-hour typical battery operation
- (1) RS-232 serial port
- Simple menu navigation and configuration
- IP65 water resistance rating



100 & 250 lb Capacity Bench Scale

**BENCH SCALE APPLICATIONS**

**Check Weighing, Accumulation, Parts Counting, Animal Weighing and Peak Hold**

**Actual Dimensions**

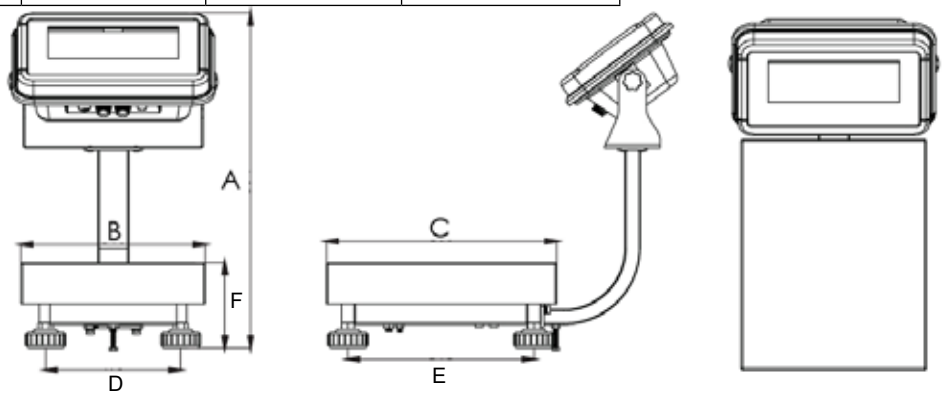
| Model | C/300 / 50 | C300 / 100 | C300 / 250 |
|---|---|---|---|
| A | 18" | 24.5" | 24.5" |
| B | 12.63" | 15.75" | 15.75" |
| C | 14.18" | 19.68" | 19.68" |
| D | 10.08" | 13.23" | 13.23" |
| E | 11.89" | 18" | 18" |
| F | 4.25" | 4.25" | 4.25" |

| Capacity | 50 lb | 100 lb | 250 lb |
|---|---|---|---|
| Ship Weight | 28 lb | 38 lb | 38 lb |
| Package size | 30"x20"x8" | 37"x22"x9" | 37"x22"x9" |

| Load Cell Capacity | 50 kg. / 110 lb | 100 kg. / 220 lb | 250 kg. / 550 lb |
|---|---|---|---|
| Factory Calibrated | 50 lb x .01 | 100 lb x .02 | 250 lb x .05 |



50 lb Capacity Bench Scale



## C300 - Bench Scale

| Part Number | Description |
|---|---|
| 899-300046 | C300 / 50 WW-1214- 50-BS with BWS Indicator and Column |
| 899-300047 | C300 / 100 WW-1620- 100-BS with BWS Indicator and Column |
| 899-300091 | C300 / 250 WW-1620–250-BS with BWS Indicator and Column |
| | **Replacement Parts** |
| 899-300048 | C300 / 50 WW-1214- 50-BS Single Point Load Cell |
| 899-300049 | C300 / 100 WW-1620-100-BS Single Point Load Cell |
| 899-300092 | C300 / 250 WW-1620-250-BS Single Point Load Cell |
| 899-300050 | Bench Scale Leveling Foot - 50 / 100 / 250 |
| 899-300051 | C300 / 50 HS Style Bolt-on 9" Column |
| 899-300052 | C300 / 100 / 250 HS Style Bolt-on 16" Column |
| 899-300053 | Rubber Corner Inserts - Between Scale & Platter (kit of 4) |
| 899-300063 | Round Rubber Inserts - Between Scale & Platter (kit of 6) |
| 899-300064 | C300 / 50 WW-1214-50-BS Stainless Steel Platter |
| 899-300065 | C300 / 100 / 250 WW-1620-100-BS Stainless Steel Platter |

**BENCH SCALE APPLICATIONS**

**Check Weighing, Accumulation, Parts Counting, Animal Weighing and Peak Hold**

# Industrial Bench

## Single Point Carbon Steel Base

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 96-169A2
- Canadian Approval: AM-5207
- Type: Single point bench scale
- Scale Capacity: 5 - 500 lb - NTEP Approved Capacities
- Scale Height: 4" and 5-1/4"
- Available Sizes: 12" x 12" to 30" x 30" - custom sizes upon request
- Weighbridge: Carbon steel heavy duty formed base frame and structural tube spider
- Column: **OPTIONAL** 24" tall structural tube column with indicator mounting plate
  Top Plate: 6 in x 7 in / Universal Top Plate: 6 in x 4 in
- Platter: Heavy gage 304 stainless steel
- Finish: Alkyd Enamel painted base frame and spider
- Load Cell: Anodized aluminum single point load cell - 10' cable length
  Optional FM load cell (upon request) with IP 65-67
- Overload Protection: 5-point system
- Warranty: 2-Year on weighbridge steel structure
  1-Year on load cell



BT-BC-1818-100-SP Bench Scale
Shown With (Optional) 24" Integral Column

# Industrial Bench

## Single Point Carbon Steel Base

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-1001 | BT-BC-1212-5-SP | 12" x 12" | 5 lb |
| 912-1002 | BT-BC-1212-10-SP | 12" x 12" | 10 lb |
| 912-1003 | BT-BC-1212-20-SP | 12" x 12" | 20 lb |
| 912-1004 | BT-BC-1212-30-SP | 12" x 12" | 30 lb |
| 912-1005 | BT-BC-1212-50-SP | 12" x 12" | 50 lb |
| 912-1006 | BT-BC-1212-100-SP | 12" x 12" | 100 lb |
| 912-1007 | BT-BC-1212-150-SP | 12" x 12" | 150 lb |
| 912-1008 | BT-BC-1212-200-SP | 12" x 12" | 200 lb |
| 912-1009 | BT-BC-1212-300-SP | 12" x 12" | 300 lb |
| 912-1017 | BT-BC-1818-30-SP | 18" x 18" | 30 lb |
| 912-1018 | BT-BC-1818-50-SP | 18" x 18" | 50 lb |
| 912-1019 | BT-BC-1818-100-SP | 18" x 18" | 100 lb |
| 912-1020 | BT-BC-1818-150-SP | 18" x 18" | 150 lb |
| 912-1021 | BT-BC-1818-200-SP | 18" x 18" | 200 lb |
| 912-1022 | BT-BC-1818-300-SP | 18" x 18" | 300 lb |
| 912-1023 | BT-BC-1818-500-SP | 18" x 18" | 500 lb |
| 912-1032 | BT-BC-2424-50-SP | 24" x 24" | 50 lb |
| 912-1033 | BT-BC-2424-100-SP | 24" x 24" | 100 lb |
| 912-1034 | BT-BC-2424-150-SP | 24" x 24" | 150 lb |
| 912-1035 | BT-BC-2424-200-SP | 24" x 24" | 200 lb |
| 912-1036 | BT-BC-2424-300-SP | 24" x 24" | 300 lb |
| 912-1037 | BT-BC-2424-400-SP | 24" x 24" | 400 lb |
| 912-1038 | BT-BC-2424-500-SP | 24" x 24" | 500 lb |
| 912-1039 | BT-BC-2424-1000-SP ** | 24" x 24" | 1K lb ** |
| | *** Capacity NOT NTEP* | | |

| | |
|---|---|
| 912-1090 | 12" tall painted carbon steel bench scale column - universal mount top plate |
| 912-1091 | 12" tall painted carbon steel bench scale column - custom top plate |
| 912-1092 | 24" tall painted carbon steel bench scale column - universal mount top plate |
| 912-1093 | 24" tall painted carbon steel bench scale column - custom top plate |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |

| | |
|---|---|
| 912-000002 | Foot BC 1/4" - 20 stem, 1.375" diameter base, rigid |
| 912-000005 | Foot BS 3/8" - 16 stem 1.25" diameter base, swivel |
| 912-000001 | 1/2" - 20 x 1.5" carbon steel swivel foot / 1,000 lb capacity only |
| 912-800024 | 304 SS platter for 12" x 12" bench scale |
| 912-800030 | 304 SS platter for 18" x 12" bench scale |
| 912-800036 | 304 SS platter for 18" x 18" bench scale |
| 912-800042 | 304 SS platter for 24" x 18" bench scale |
| 912-800048 | 304 SS platter for 24" x 24" bench scale |
| 912-800060 | 304 SS platter for 30" x 30" bench scale |

# Industrial Bench

## Single Point Stainless Steel Base

### GENERAL SPECIFICATIONS

- Certificate of Conformance: 96-169A2
- Canadian Approval: AM-5207
- Type: Single point bench scale
- Scale Capacity: 5 - 500 lb - NTEP Approved Capacities
- Scale Height: 4" and 5-1/4"
- Available Sizes: 12" x 12" to 30" x 30" - custom sizes upon request
- Weighbridge: 304 stainless steel heavy duty formed base frame and structural tube spider
- Column: **OPTIONAL** 24" tall structural tube column with indicator mounting plate
  **Top Plate: 6 in x 7 in / Universal Top Plate: 6 in x 4 in**
- Platter: Heavy gage 304 stainless steel
- Finish: Media blast finish on base frame and spider
- Load Cell: Anodized aluminum single point load cell - 10' cable length
  Environmentally sealed (IP67), 350 Ohms, 2.0 mV/V, **FM Approved**
- Overload Protection: 5-point system
- Warranty: 2-Year on weighbridge steel structure
  1-Year on load cell



BT-BS-1818-100-SP Bench Scale
Shown With (Optional) 24" Integral Column

# Industrial Bench

## Single Point Stainless Steel Base

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-3101 | BT-BS-1212-5-SP | 12" x 12" | 5 lb |
| 912-3102 | BT-BS-1212-10-SP | 12" x 12" | 10 lb |
| 912-3103 | BT-BS-1212-20-SP | 12" x 12" | 20 lb |
| 912-3104 | BT-BS-1212-30-SP | 12" x 12" | 30 lb |
| 912-3105 | BT-BS-1212-50-SP | 12" x 12" | 50 lb |
| 912-3106 | BT-BS-1212-100-SP | 12" x 12" | 100 lb |
| 912-3107 | BT-BS-1212-150-SP | 12" x 12" | 150 lb |
| 912-3108 | BT-BS-1212-200-SP | 12" x 12" | 200 lb |
| 912-3109 | BT-BS-1212-300-SP | 12" x 12" | 300 lb |
| 912-3117 | BT-BS-1818-30-SP | 18" x 18" | 30 lb |
| 912-3118 | BT-BS-1818-50-SP | 18" x 18" | 50 lb |
| 912-3119 | BT-BS-1818-100-SP | 18" x 18" | 100 lb |
| 912-3120 | BT-BS-1818-150-SP | 18" x 18" | 150 lb |
| 912-3121 | BT-BS-1818-200-SP | 18" x 18" | 200 lb |
| 912-3122 | BT-BS-1818-300-SP | 18" x 18" | 300 lb |
| 912-3123 | BT-BS-1818-500-SP | 18" x 18" | 500 lb |
| 912-3132 | BT-BS-2424-50-SP | 24" x 24" | 50 lb |
| 912-3133 | BT-BS-2424-100-SP | 24" x 24" | 100 lb |
| 912-3134 | BT-BS-2424-150-SP | 24" x 24" | 150 lb |
| 912-3135 | BT-BS-2424-200-SP | 24" x 24" | 200 lb |
| 912-3136 | BT-BS-2424-300-SP | 24" x 24" | 300 lb |
| 912-3137 | BT-BS-2424-400-SP | 24" x 24" | 400 lb |
| 912-3138 | BT-BS-2424-500-SP | 24" x 24" | 500 lb |
| 912-3139 | BT-BS-2424-1000-SP ** | 24" x 24" | 1K lb ** |
| | *** Capacity NOT NTEP* | | |

| | |
|---|---|
| 912-3190 | 12" tall stainless steel bench scale column - universal mount top plate |
| 912-3191 | 12" tall stainless steel bench scale column - custom top plate |
| 912-3192 | 24" tall stainless steel bench scale column - universal mount top plate |
| 912-3193 | 24" tall stainless steel bench scale column - custom top plate |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |

| | |
|---|---|
| 912-000003 | Foot BS 1/4" - 20 stem, 1.375" diameter base, rigid |
| 912-000005 | Foot BS 3/8" - 16 stem 1.25" diameter base, swivel |
| 912-000001 | 1/2" - 20 x 1.5" carbon steel swivel foot / 1,000 lb capacity only |
| 912-800024 | 304 SS platter for 12" x 12" bench scale |
| 912-800030 | 304 SS platter for 18" x 12" bench scale |
| 912-800036 | 304 SS platter for 18" x 18" bench scale |
| 912-800042 | 304 SS platter for 24" x 18" bench scale |
| 912-800048 | 304 SS platter for 24" x 24" bench scale |
| 912-800060 | 304 SS platter for 30" x 30" bench scale |

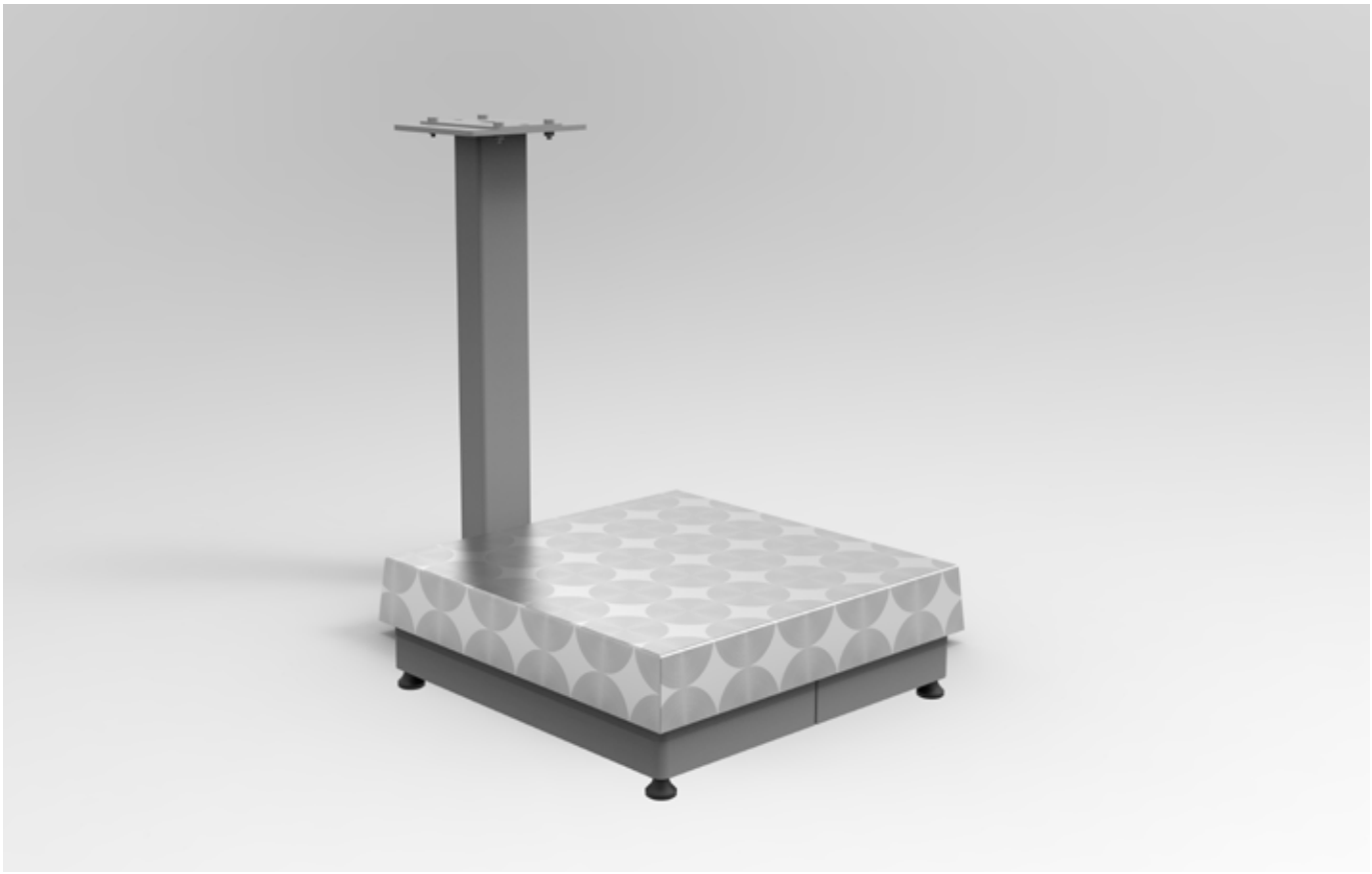
# Industrial Bench

## Hermetically Sealed Cell - Stainless Steel Base



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 96-169A2
- Canadian Approval: AM-5207
- Type: Single point bench scale
- Scale Capacity: 20 - 500 lb - NTEP Approved Capacities
- Scale Height: 4" and 5-1/4"
- Available Sizes: 12" x 12" to 30" x 30" - custom sizes upon request
- Weighbridge: 304 stainless steel heavy duty formed base frame and structural tube spider
- Column: **OPTIONAL** 24" tall structural tube column with indicator mounting plate
  **Top Plate: 6 in x 7 in / Universal Top Plate: 6 in x 4 in**
- Platter: Heavy gage 304 stainless steel
- Finish: Media blast finish on base frame and spider
- Load Cell: Stainless steel single point load cell - 10' cable length
  Hermetically sealed (IP68 / IP69K), 1000 Ohms, 2.0 mV/V, **FM Approved**
- Overload Protection: 5-point system
- Warranty: 2-Year on weighbridge steel structure
  1-Year on load cell



BT-BS-1818-100-SP Bench Scale
Shown With (Optional) 24" Integral Column

# Industrial Bench

## Hermetically Sealed Cell - Stainless Steel Base

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5201 | BT-BS-1212-20-HC | 12" x 12" | 20 lb |
| 912-5202 | BT-BS-1212-75-HC | 12" x 12" | 75 lb |
| 912-5203 | BT-BS-1212-150-HC | 12" x 12" | 150 lb |
| 912-5204 | BT-BS-1212-300-HC | 12" x 12" | 300 lb |
| 912-5211 | BT-BS-1818-20-HC | 18" x 18" | 20 lb |
| 912-5212 | BT-BS-1818-75-HC | 18" x 18" | 75 lb |
| 912-5213 | BT-BS-1818-150-HC | 18" x 18" | 150 lb |
| 912-5214 | BT-BS-1818-300-HC | 18" x 18" | 300 lb |
| 912-5215 | BT-BS-1818-500-HC | 18" x 18" | 500 lb |
| 912-5219 | BT-BS-2424-150-HC | 24" x 24" | 150 lb |
| 912-5220 | BT-BS-2424-300-HC | 24" x 24" | 300 lb |
| 912-5221 | BT-BS-2424-500-HC | 24" x 24" | 500 lb |

| | Options |
|---|---|
| 912-3190 | 12" tall stainless steel bench scale column - universal mount top plate |
| 912-3191 | 12" tall stainless steel bench scale column - custom top plate |
| 912-3192 | 24" tall stainless steel bench scale column - universal mount top plate |
| 912-3193 | 24" tall stainless steel bench scale column - custom top plate |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |
| 912-000005 | Foot BS 3/8" - 16 stem 1.25" diameter base, swivel |
| 912-000001 | 1/2" - 20 x 1.5" carbon steel swivel foot / 1,000 lb capacity only |
| 912-800024 | 304 SS platter for 12" x 12" bench scale |
| 912-800030 | 304 SS platter for 18" x 12" bench scale |
| 912-800036 | 304 SS platter for 24" x 18" bench scale |
| 912-800042 | 304 SS platter for 24" x 18" bench scale |
| 912-800048 | 304 SS platter for 24" x 24" bench scale |
| 912-800060 | 304 SS platter for 30" x 30" bench scale |

# AquaShield Base Bench Scale

## Stainless Steel Washdown Base



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 20-042
- Canadian Approval: AM-6145
- Design: All new design to ease cleaning and prevent accumulation of liquid / materials
- Type: Single point bench scale
- Scale Capacity: 5, 20, 50, 100 and 200 lb
- Scale Height: 4”
- Available Sizes: 10” x 10”, 12” x 12” and 18” x 18”
- Weighbridge: 304 stainless steel heavy duty formed base frame and spider
- Column: OPTIONAL 19” tall stainless open frame design for T-401,T-403, T-103 and T-503 indicators
- Platter: Heavy gauge 304 stainless steel
- Load Cell: Standard Aluminum IP65 single point, 10’ cable
  Stainless Hermetic IP69K single point, 10’ cable, FM Approved
- Feet: FDA Compliant
- Warranty: 2-Year on weighbridge steel structure
  3-Year on standard load cell
  1-Year on IP rated load cell

| Platter Size | Capacity and Resolution lb | Capacity and Resolution kg |
|---|---|---|
| 10” x 10” | 5 lb x 0.00 1 lb | 2.5 kg x 0.0005 kg |
| 10” x 10” | 20 lb x 0.005 lb | 10 kg x 0.002 kg |
| 10” x 10” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 12” x 12” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |
| 18” x 18” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 18” x 18” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 18” x 18” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |



12" x 12" AquaShield Base Bench Scale

# AquaShield Base Bench Scale

## Stainless Steel Washdown Base



### AquaShield Washdown

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5500 | NB-BS-1010-5-SP | 10”x10” | 5 lb |
| 912-5502 | NB-BS-1010-20-SP | 10”x10” | 20 lb |
| 912-5504 | NB-BS-1010-50-SP | 10”x10” | 50 lb |
| 912-5510 | NB-BS-1212-50-SP | 12" x 12" | 50 lb |
| 912-5511 | NB-BS-1212-100-SP | 12" x 12" | 100 lb |
| 912-5513 | NB-BS-1212-200-SP | 12" x 12" | 200 lb |
| 912-5516 | NB-BS-1818-50-SP | 18" x 18" | 50 lb |
| 912-5517 | NB-BS-1818-100-SP | 18" x 18" | 100 lb |
| 912-5519 | NB-BS-1818-200-SP | 18" x 18" | 200 lb |

### AquaShield Max High Pressure Washdown

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5521 | NB-BS-1010-5-HS | 10”x10” | 5 lb |
| 912-5523 | NB-BS-1010-20-HS | 10”x10” | 20 lb |
| 912-5525 | NB-BS-1010-50-HS | 10”x10” | 50 lb |
| 912-5531 | NB-BS-1212-50-HS | 12" x 12" | 50 lb |
| 912-5532 | NB-BS-1212-100-HS | 12" x 12" | 100 lb |
| 912-5534 | NB-BS-1212-200-HS | 12" x 12" | 200 lb |
| 912-5537 | NB-BS-1818-50-HS | 18" x 18" | 50 lb |
| 912-5538 | NB-BS-1818-100-HS | 18" x 18" | 100 lb |
| 912-5540 | NB-BS-1818-200-HS | 18" x 18" | 200 lb |

| Part Number | Replacement Parts |
|---|---|
| 888-000001 | B-TEK BT-ASP-1-5kg Replacement Load Cell |
| 888-000002 | B-TEK BT-ASP-1-10kg Replacement Load Cell |
| 888-000003 | B-TEK BT-ASP-1-15kg Replacement Load Cell |
| 888-000005 | B-TEK BT-ASP-1-30kg Replacement Load Cell |
| 888-000007 | B-TEK BT-ASP-1-75kg Replacement Load Cell |
| 888-000008 | B-TEK BT-ASP-1-100kg Replacement Load Cell |
| 814-500018 | Flintec PC6 10kg Replacement Load Cell |
| 814-500002 | Flintec PC6 20kg Replacement Load Cell |
| 814-500003 | Flintec PC6 50kg Replacement Load Cell |
| 814-100075 | Flintec PC6 100kg Replacement Load Cell |
| 100-160773-KIT | Stainless Steel Column Assembly (fits all sizes and capacities) 19” tall stainless open frame design for T401, T403, T103 and T-503W indicators / Includes feet and hardware kit |
| 100-160773A-KIT | Complete Stainless Steel Column Mounting Kit<br>*includes bolts, spacers, washers* |
| 200-160264-1 | Spider Assembly Leveling Foot |
| 200-160264 | Base/Column Leveling Foot |
| 200-160354 | Base/Column Leveling Foot Lock Nut |
| | **Options** |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |
| 912-5590 | IP69K Stack Light |
| 100-161064-1 | IP69K Bracket |
| 912-5591 | IP65 Stack Light |
| 100-161064 | IP65 Bracket |

# AquaShield Bench Scale

## Stainless Steel Washdown Scale - Base / Column / Indicator



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 20-042
- Canadian Approval: AM-6145
- Indicator: T401S or T403S Indicator
- Applications: Comes preconfigured with standard general weighing. Unit can be configured for check weighing, ingredient counting and batching
- Design: All new design to ease cleaning and prevent accumulation of liquid / materials
- Type: Single point bench scale
- Scale Capacity: 5, 20, 50, 100 and 200 lb
- Scale Height: 4”
- Available Sizes: 10” x 10”, 12” x 12” and 18” x 18”
- Weighbridge: 304 stainless steel heavy duty formed base frame and spider
- Column: 19” tall stainless open frame design
- Platter: Heavy gauge 304 stainless steel
- Load Cell: Standard Aluminum IP65 single point, 10’ cable
- Feet: FDA Compliant
- Warranty: 2-Year on weighbridge steel structure
  3-Year on standard load cell




12" x 12" AquaShield Bench Scale
shown with T403S Indicator

| Platter Size | Capacity and Resolution lb | Capacity and Resolution kg |
|---|---|---|
| 10” x 10” | 5 lb x 0.00 1 lb | 2.5 kg x 0.0005 kg |
| 10” x 10” | 20 lb x 0.005 lb | 10 kg x 0.002 kg |
| 10” x 10” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 12” x 12” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |
| 18” x 18” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 18” x 18” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 18” x 18” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |

# AquaShield Bench Scale

## Stainless Steel Washdown Scale - Base / Column / Indicator



### AquaShield with T401S

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5600 | NB-BS-1010-5-SP-T401 | 10”x10” | 5 lb |
| 912-5602 | NB-BS-1010-20-SP-T401 | 10”x10” | 20 lb |
| 912-5604 | NB-BS-1010-50-SP-T401 | 10”x10” | 50 lb |
| 912-5610 | NB-BS-1212-50-SP-T401 | 12" x 12" | 50 lb |
| 912-5611 | NB-BS-1212-100-SP-T401 | 12" x 12" | 100 lb |
| 912-5613 | NB-BS-1212-200-SP-T401 | 12" x 12" | 200 lb |
| 912-5616 | NB-BS-1818-50-SP-T401 | 18" x 18" | 50 lb |
| 912-5617 | NB-BS-1818-100-SP-T401 | 18" x 18" | 100 lb |
| 912-5619 | NB-BS-1818-200-SP-T401 | 18" x 18" | 200 lb |

### AquaShield with T403S

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5650 | NB-BS-1010-5-SP-T403 | 10”x10” | 5 lb |
| 912-5652 | NB-BS-1010-20-SP-T403 | 10”x10” | 20 lb |
| 912-5654 | NB-BS-1010-50-SP-T403 | 10”x10” | 50 lb |
| 912-5660 | NB-BS-1212-50-SP-T403 | 12" x 12" | 50 lb |
| 912-5661 | NB-BS-1212-100-SP-T403 | 12" x 12" | 100 lb |
| 912-5663 | NB-BS-1212-200-SP-T403 | 12" x 12" | 200 lb |
| 912-5666 | NB-BS-1818-50-SP-T403 | 18" x 18" | 50 lb |
| 912-5667 | NB-BS-1818-100-SP-T403 | 18" x 18" | 100 lb |
| 912-5669 | NB-BS-1818-200-SP-T403 | 18" x 18" | 200 lb |

| Part Number | Replacement Parts |
|---|---|
| 888-000001 | B-TEK BT-ASP-1-5kg Replacement Load Cell |
| 888-000002 | B-TEK BT-ASP-1-10kg Replacement Load Cell |
| 888-000003 | B-TEK BT-ASP-1-15kg Replacement Load Cell |
| 888-000005 | B-TEK BT-ASP-1-30kg Replacement Load Cell |
| 888-000007 | B-TEK BT-ASP-1-75kg Replacement Load Cell |
| 888-000008 | B-TEK BT-ASP-1-100kg Replacement Load Cell |
| 814-500018 | Flintec PC6 10kg Replacement Load Cell |
| 814-500002 | Flintec PC6 20kg Replacement Load Cell |
| 814-500003 | Flintec PC6 50kg Replacement Load Cell |
| 814-100075 | Flintec PC6 100kg Replacement Load Cell |
| 100-160773-KIT | Stainless Steel Column Assembly (fits all sizes and capacities) 19” tall stainless open frame design for T401, T403, T103 and T-503W indicators / Includes feet and hardware kit |
| 100-160773A-KIT | Complete Stainless Steel Column Mounting Kit<br>*includes bolts, spacers, washers* |
| 200-160264-1 | Spider Assembly Leveling Foot |
| 200-160264 | Base/Column Leveling Foot |
| 200-160354 | Base/Column Leveling Foot Lock Nut |
| | **Options** |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |
| 912-5590 | IP69K Stack Light |
| 100-161064-1 | IP69K Bracket |
| 912-5591 | IP65 Stack Light |
| 100-161064 | IP65 Bracket |

# AquaShield Max Bench Scale

## Stainless High Pressure Washdown Scale - Base / Column / Indicator



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 20-042
- Canadian Approval: AM-6145
- Indicator: T401S or T403S Indicator
- Applications: Comes preconfigured with standard general weighing. Unit can be configured for check weighing, ingredient counting and batching
- Design: All new design to ease cleaning and prevent accumulation of liquid / materials
- Type: Single point bench scale
- Scale Capacity: 5, 20, 50, 100 and 200 lb
- Scale Height: 4”
- Available Sizes: 10” x 10”, 12” x 12” and 18” x 18”
- Weighbridge: 304 stainless steel heavy duty formed base frame and spider
- Column: 19” tall stainless open frame design
- Platter: Heavy gauge 304 stainless steel
- Load Cell: Stainless Hermetic IP69K single point, 10’ cable, FM Approved
- Feet: FDA Compliant
- Warranty: 2-Year on weighbridge steel structure
  1-Year on IP rated load cell




12" x 12" AquaShield Bench Scale
shown with T403S Indicator

| Platter Size | Capacity and Resolution lb | Capacity and Resolution kg |
|---|---|---|
| 10” x 10” | 5 lb x 0.00 1 lb | 2.5 kg x 0.0005 kg |
| 10” x 10” | 20 lb x 0.005 lb | 10 kg x 0.002 kg |
| 10” x 10” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 12” x 12” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 12” x 12” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |
| 18” x 18” | 50 lb x 0.01 lb | 25 kg x 0.005 kg |
| 18” x 18” | 100 lb x 0.02 lb | 50 kg x 0.01 kg |
| 18” x 18” | 200 lb x 0.05 lb | 100 kg x 0.02 kg |

# AquaShield Max Bench Scale

## Stainless High Pressure Washdown Scale - Base / Column / Indicator



### AquaShield Max with T401S

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5621 | NB-BS-1010-5-T401-HS | 10”x10” | 5 lb |
| 912-5623 | NB-BS-1010-20-T401-HS | 10”x10” | 20 lb |
| 912-5625 | NB-BS-1010-50-T401-HS | 10”x10” | 50 lb |
| 912-5631 | NB-BS-1212-50-T401-HS | 12" x 12" | 50 lb |
| 912-5632 | NB-BS-1212-100-T401-HS | 12" x 12" | 100 lb |
| 912-5634 | NB-BS-1212-200-T401-HS | 12" x 12" | 200 lb |
| 912-5637 | NB-BS-1818-50-T401-HS | 18" x 18" | 50 lb |
| 912-5638 | NB-BS-1818-100-T401-HS | 18" x 18" | 100 lb |
| 912-5640 | NB-BS-1818-200-T401-HS | 18" x 18" | 200 lb |

### AquaShield Max with T403S

| Part Number | Model Number | Platform | Capacity |
|---|---|---|---|
| 912-5671 | NB-BS-1010-5-T403-HS | 10”x10” | 5 lb |
| 912-5673 | NB-BS-1010-20-T403-HS | 10”x10” | 20 lb |
| 912-5675 | NB-BS-1010-50-T403-HS | 10”x10” | 50 lb |
| 912-5681 | NB-BS-1212-50-T403-HS | 12" x 12" | 50 lb |
| 912-5682 | NB-BS-1212-100-T403-HS | 12" x 12" | 100 lb |
| 912-5684 | NB-BS-1212-200-T403-HS | 12" x 12" | 200 lb |
| 912-5687 | NB-BS-1818-50-T403-HS | 18" x 18" | 50 lb |
| 912-5688 | NB-BS-1818-100-T403-HS | 18" x 18" | 100 lb |
| 912-5690 | NB-BS-1818-200-T403-HS | 18" x 18" | 200 lb |

| Part Number | Replacement Parts |
|---|---|
| 888-000001 | B-TEK BT-ASP-1-5kg Replacement Load Cell |
| 888-000002 | B-TEK BT-ASP-1-10kg Replacement Load Cell |
| 888-000003 | B-TEK BT-ASP-1-15kg Replacement Load Cell |
| 888-000005 | B-TEK BT-ASP-1-30kg Replacement Load Cell |
| 888-000007 | B-TEK BT-ASP-1-75kg Replacement Load Cell |
| 888-000008 | B-TEK BT-ASP-1-100kg Replacement Load Cell |
| 814-500018 | Flintec PC6 10kg Replacement Load Cell |
| 814-500002 | Flintec PC6 20kg Replacement Load Cell |
| 814-500003 | Flintec PC6 50kg Replacement Load Cell |
| 814-100075 | Flintec PC6 100kg Replacement Load Cell |
| 100-160773-KIT | Stainless Steel Column Assembly (fits all sizes and capacities) 19” tall stainless open frame design for T401, T403, T103 and T-503W indicators / Includes feet and hardware kit |
| 100-160773A-KIT | Complete Stainless Steel Column Mounting Kit<br>*includes bolts, spacers, washers* |
| 200-160264-1 | Spider Assembly Leveling Foot |
| 200-160264 | Base/Column Leveling Foot |
| 200-160354 | Base/Column Leveling Foot Lock Nut |
| | **Options** |
| 861-000011-KIT | Quick Disconnect Connector M12 5-Pin Male IP67 Screw Terminal and Female Cable |
| 912-5590 | IP69K Stack Light |
| 100-161064-1 | IP69K Bracket |
| 912-5591 | IP65 Stack Light |
| 100-161064 | IP65 Bracket |

# Crane Scale

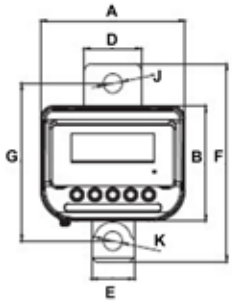
## CNS - Crane Scale

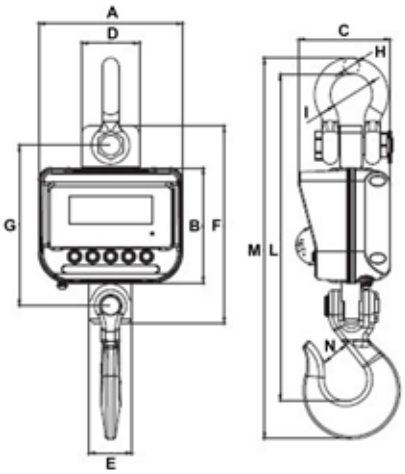


### GENERAL SPECIFICATIONS

- COC: NON-NTEP
- Capacities: 6K lb x 2 lb
  12K lb x 5 lb
  25K lb x 10 lb
- Waterproof enclosure
- Stainless steel load cell
- 500% overload limit
- Die cast aluminum housing, IP65
- 1.2” LCD backlit display
- Front panel mechanical switches
- Built-in rechargeable battery
- Up to 50 hour battery life
- Clevis and hook included
- Wireless remote
- App available for Android users
- AC charging adapter

**Crane Scale Includes: AC Wall Transformer, Clevis, Hook, Remote**




Dimensions in inches

| | 3T | 6T | 12T |
|---|---|---|---|
| **A** | 7.9 | 7.9 | 7.9 |
| **B** | 6.3 | 6.3 | 6.3 |
| **C** | 5 | 5 | 5 |
| **D** | 3.25 | 3.75 | 3.75 |
| **E** | 2.4 | 3.75 | 3.75 |
| **F** | 10.8 | 12.6 | 13 |
| **G** | 8.6 | 9.75 | 9.75 |
| **H** | Ø.90 | Ø 1 | Ø 1.25 |
| **I** | Ø 2.25 | Ø 2.7 | Ø 3.25 |
| **J** | Ø 1 | Ø 1.2 | Ø 1.4 |
| **K** | Ø 1 | Ø 1.2 | Ø 1.4 |
| **L** | 18 | 20.8 | 22 |
| **M** | 21 | 24.5 | 26 |
| **N** | 2 | 2.5 | 2.5 |

| Part Number | Description |
|---|---|
| 899-300151 | CNS / 3 6K lb x 2 lb Crane Scale |
| 899-300106 | CNS / 5 12K lb x 5 lb Crane Scale |
| 899-300152 | CNS / 10 25K lb x 10 lb Crane Scale |
| | **Replacement Parts** |
| 899-300153 | CNS Overlay |
| 899-300154 | CNS Main Board |
| 899-300155 | CNS Battery Cover |
| 899-300156 | CNS Adapter Plug |
| 899-300157 | CNS Adapter Socket |
| 899-300158 | CNS M6 Metal Button |
| 899-300159 | CNS Battery |
| 899-300160 | CNS External Charger |
| 899-300161 | CNS Remote/Wireless BD |

# Monorail Scale

## Stainless Monorail Scale

### GENERAL SPECIFICATIONS

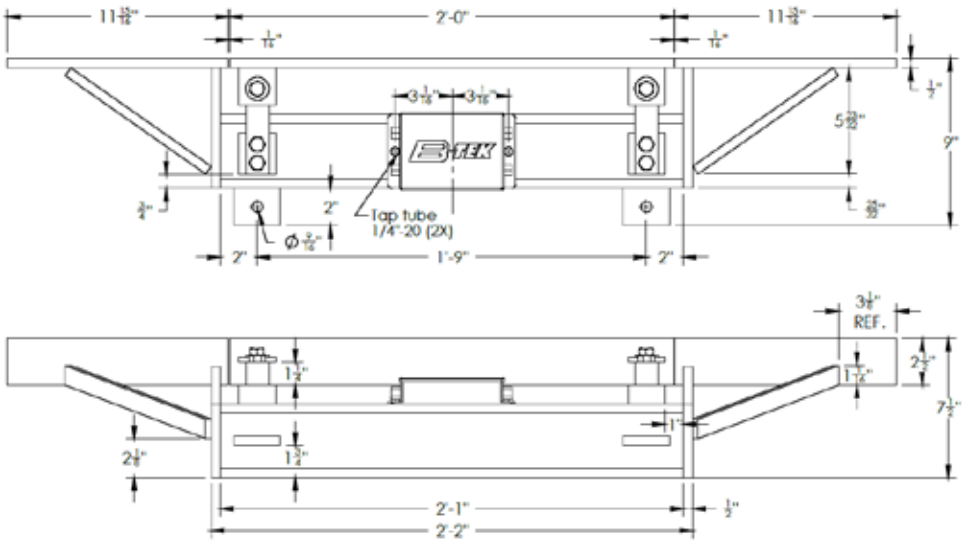
- COC: NON-NTEP
- Type: Monorail
- Scale Capacity: 2K lb standard - custom capacities up to 4K lb
- Scale Length: 48" standard - custom lengths available
- Live Rail: 24" x 2-1/2" x 1/2" standard - custom rail sizes and lengths available
- Weighbridge Material: 304 stainless steel
- Finish: All exposed surfaces are media blasted to a clean, consistent appearance
- Load Cell: Stainless steel **(IP67)**, 350 Ohms, 3.0mV/V
  2K capacity: (2) 1,000 lb
  **Optional hermetically sealed (IP68) cells are available**
- Junction Box: NEMA 4X stainless steel junction box with signal trim summing board
- Warranty: 3-Years on monorail frame steel structure
  2-Years on load cells, junction box and summing board





Standard Monorail Scale
48" Overall Length
24" Live Rail Length

| Part Number | Model Number | Description |
|---|---|---|
| 914-1000 | BS-4824-1000-MRS-SS | 24" Live Rail – 48" Total Length – 1K lb Capacity / Rail: 24" x 2-1/2" x 1/2" |
| 914-1001 | BS-4824-2000-MRS-SS | 24" Live Rail – 48" Total Length – 2K lb Capacity / Rail: 24" x 2-1/2" x 1/2" |
| 914-1002 | BS-4824-2500-MRS-SS | 24" Live Rail – 48" Total Length – 2.5K lb Capacity / Rail: 24" x 2-1/2" x 1/2" |



# Tension Link

## TL & TLW Hanging Scale



### GENERAL SPECIFICATIONS

- COC: NON-NTEP
- Capacities: 5T x 5 lb and 10T x 10 lb
- Accuracy: 0.1% of capacity
- NEMA 4 with IP65 housing
- 200% safe / 300% ultimate overload limits
- Resolution: 1000d - 5000d
- Display: 6-digit backlit LCD display with .9-inch digit height
- Units: lb and kg
- Power: AC Adapter (9V/800mA)
- Built-in rechargeable battery pack
- Up to 40 hour of continuous battery life
- Operating Temperature: 0°C - 40°C / 32°F - 104°F

**Tension Link WS Wireless**

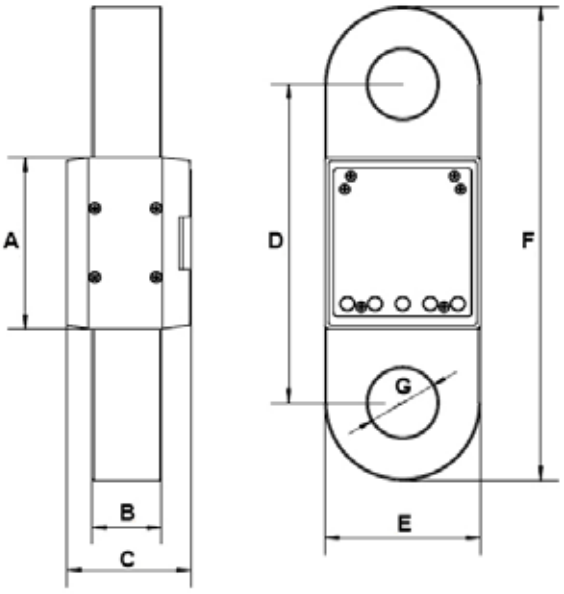


- **Tension Link WS Wireless Remote Indicator**
- Indicator Housing: ABS Plastic
- Keypad: 7 Keys
- Indicator Power: AC Adapter (12V/500mA) / Battery (2000mAh/1.2Vx6)

**Tension Link WS**



- **Tension Link WS Scale**
- Scale Housing: Aluminum
- Keypad: 1 on/off key
- Scale Power: AC Adapter (9V/800mA) / Built-in rechargeable battery pack / 3 Removable AA batteries




| | 5T | 10T |
|---|---|---|
| A | 3.9 | 3.9 |
| B | 1.2 | 1.6 |
| C | 2.4 | 2.8 |
| D | 6.5 | 6.5 |
| E | 3.5 | 3.5 |
| F | 10.4 | 10.8 |
| G | 1.18 | 1.57 |

Dimensions in inches

# Tension Link

## TL & TLW Hanging Scale

| Part Number | Description |
|---|---|
| 899-300107 | TL / 5T 5T x 5 lb - Integral LCD weight display |
| 899-300112 | TL / 10T 10T x 10 lb - Integral LCD weight display |
| 899-300108 | TLW / 5T 5T x 5 lb - Wireless handheld weight display |
| 899-300113 | TLW / 10T 10T x 10 lb - Wireless handheld weigh display |
| | **Options** |
| 899-300134 | TL & TLW Tension Link 5T/10T Aluminum Carrying Case, 398 x 318 x 130MM |
| 899-300180 | Single Shackle for 5t Tension Link, 8.5T 1” Complete with Nut and Pin |
| 899-300181 | Single Shackle for 10t Tension Link, 12T 1.25” Complete with Nut and Pin |
| | **Replacement Parts** |
| 899-300114 | TL Tension Link Overlay with Buttons |
| 899-300115 | TL & TLW Tension Link (Scale/Link Unit) Charger 110VAC-9VAC |
| 899-300116 | TL & TLW Tension Link (Scale/Link Unit) Battery |
| 899-300117 | TL Tension Link Mainboard (Factory install at B-TEK only, Overlay must be replaced with board) |
| 899-300118 | TLW Tension Link Scale Overlay with On-Off Button |
| 899-300119 | TLW Tension Link Remote Overlay - Upper Display |
| 899-300120 | TLW Tension Link Remote Overlay - Lower Keypad |
| 899-300121 | TLW Tension Link Replacement Remote Control |
| 899-300122 | TLW Tension Link Remote Control Charger 110VAC-12VAC |
| 899-300123 | TLW Tension Link Remote Battery (Technician Install Required / Splice Wires) |
| 899-300124 | TLW Tension Link Scale Mainboard (Factory install at B-TEK only, Overlay must be replaced with board) |
| 899-300125 | TLW Tension Link Remote Mainboard (Technician Install Required / Splice Wires) |
| 899-300126 | TLW Tension Link Wireless Module (Factory install required / Paired board, Must replace both) |
| 899-300127 | TLW Tension Link Display Board |
| 899-300135 | TLW Tension Link AA Battery Holder |
| 899-300169 | TLW Tension Link Battery |

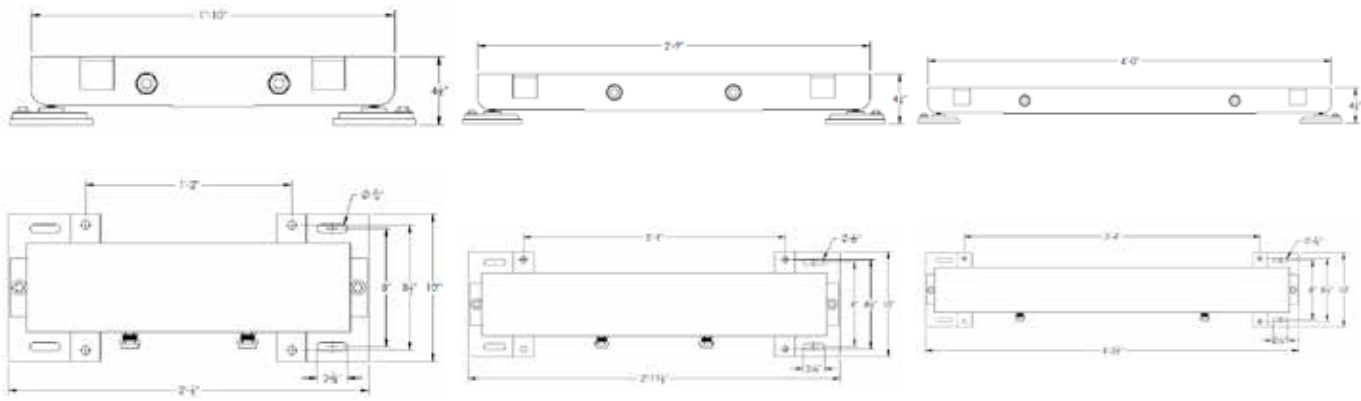
# Weigh Rail

## Carbon Steel Live Stock Weigh Rails

### GENERAL SPECIFICATIONS

- Certificate of Conformance: NON-NTEP
- Type: Above ground mounting - all weather out door construction
- Rail Capacity: 2.5K lb to 10K lb system gross capacity
- Rail Length: 22", 33" and 48"
- Rail Height: 4-1/4"
- Mounting: Lag-down foot retainer plates included with kit
- Weigh Rail Construction: Heavy wall carbon steel structural tubing
- Finish: Alkyd Enamel paint
- Load Cell: 22" - (2) 1K lb plated alloy steel, 350 Ohms, 3.0mV/V cells in each rail
  33" - (2) 2.5K lb plated alloy steel, 350 Ohms, 3.0mV/V cells in each rail
  48" - (2) 4K lb plated alloy steel, 350 Ohms, 3.0mV/V cells in each rail
- Junction Box: Remote mount NEMA 4X stainless steel junction box with signal trim summing board
- Warranty: 2-Years on weighbridge steel structure
  1-Year on load cells, junction box and summing board





911-1001 911-1001 911-1001

| Part Number | Description |
|---|---|
| 911-1001 | 22" long weigh rails, 2.5K lb capacity x 0.5 lb |
| 911-1002 | 33" long weigh rails, 5K lb capacity x 1 lb |
| 911-1003 | 48" long weigh rails, 10K lb capacity x 2 lb |
| | **Optional Weight Indicators** |
| 899-300024 | BWS - Indicator Kit |
| 821-700000 | T103P - Indicator Kit |
| 821-800001 | T103SB - Indicator Package |
| 822-200000 KIT | T503W - 110-240 VAC internal power supply and swivel bracket |

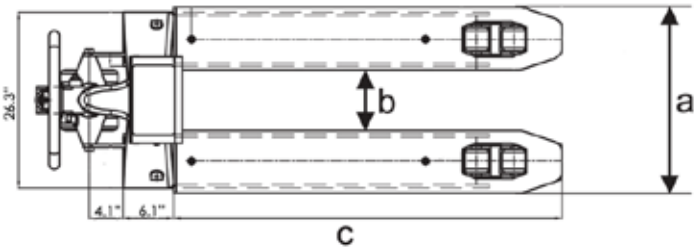
# Pallet Jack Scale

## T100 - Pallet Jack Scale

### GENERAL SPECIFICATIONS

- 4,400 lb capacity
- Epoxy painted mild steel
- Double front wheel
- Hard rubber rear wheels
- (4) load cells design
- Built-in rechargeable battery
- Battery charge indicator
- Auto shut-off feature
- 40-50 hour battery operation
- HUGE 2" backlit LCD display
- 360 lb shipping weight




| | A | B | C |
|---|---|---|---|
| Narrow Fork | 21.8" | 7.9" | 45.7" |
| Wide Fork | 27" | 11.8" | 48.4" |

| Part Number | Description |
|---|---|
| 899-300023 | T100-NF (narrow fork) 2K Kg / 4.4K lb |
| 899-300009 | T100-WF (wide fork) 2K Kg / 4.4K lb |
| | **Replacement Parts** |
| 899-300100 | T100 Main PCB |
| 899-300090 | T100 Display Overlay |
| 899-300103 | T100 CS SESB Load Cell |

# U-Style Scale

## Pallet Scale

### GENERAL SPECIFICATIONS

- Certificate of Conformance: NON-NTEP
- Type: Above ground portability with wheels.
- Scale Capacity: 2500 X 0.5lb<br>5000 X 1lb
- Available Sizes: 4'x4'
- Scale Height: 4.25"-4.5"
- Weighbridge: Carbon and Stainless steel with handles and portability wheels
- Paint System: Alkyd Enamel
- Load Cell Plated alloy steel, 350 Ohms, 3mV/V
- Leveling Foot B-TEK stainless steel ball encapsulated foot – 2.5" diameter base
- Junction Box B-TEK FRP J-Box W / JB-2000 summing board
- Warranty: 2-Years on weighbridge structure<br>1-Year load cell



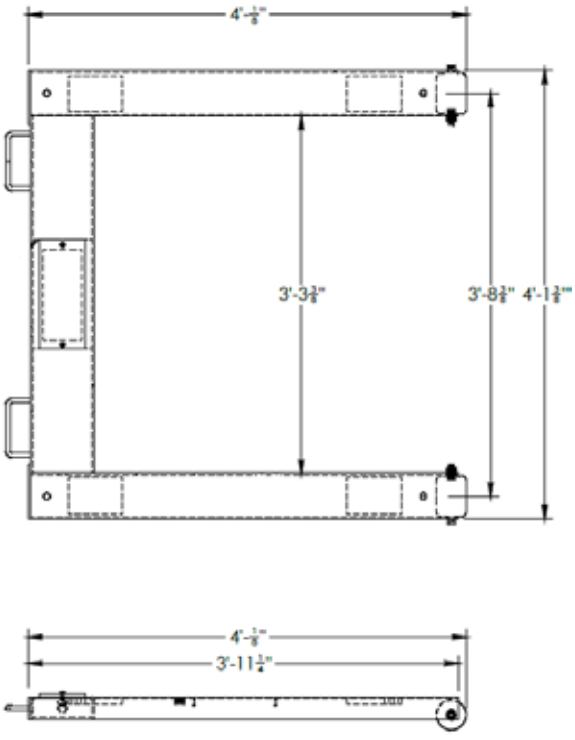


# U-Style Scale

## Pallet Scale

| Part Number | Description |
|---|---|
| 911-5001 | 48"x48" U-Style Pallet Scale Carbon Steel 2,500 lb. x 0.5 lb Base |
| 911-5000 | 48"x48" U-Style Pallet Scale Carbon Steel 5,000 lb. x 1 lb Base |
| 911-5020 | 48"x48" U-Style Pallet Scale Stainless Steel 2,500 lb. x 0.5 lb Base |
| 911-5021 | 48"x48" U-Style Pallet Scale Stainless Steel 5,000 lb. x 1 lb Base |
| 911-5002 | 42"x48" U-Style Pallet Scale Carbon Steel 2,500 lb. x 0.5 lb Base |
| 911-5003 | 42"x48" U-Style Pallet Scale Carbon Steel 5,000 lb. x 1 lb Base |
| 911-5022 | 42"x48" U-Style Pallet Scale Stainless Steel 2,500 lb. x 0.5 lb Base |
| 911-5023 | 42"x48" U-Style Pallet Scale Stainless Steel 5,000 lb. x 1 lb Base |





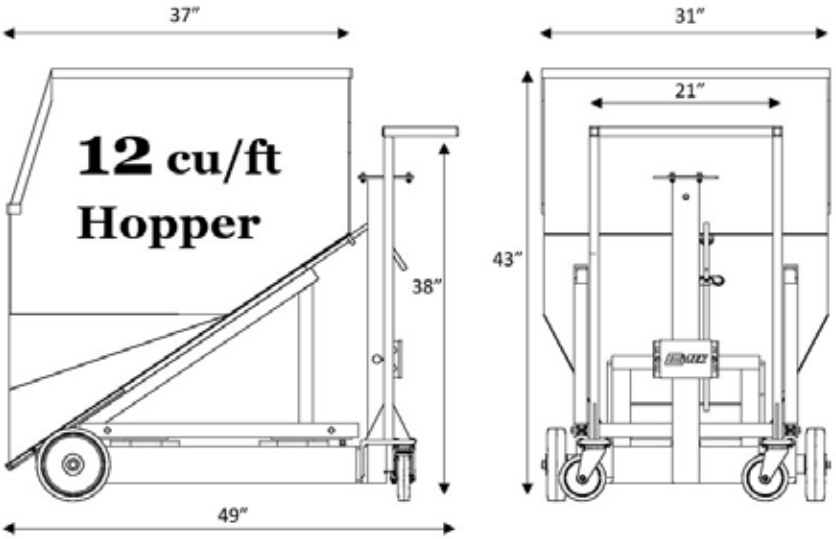
# Hopper Scale

## Portable Hopper Scale

### GENERAL SPECIFICATIONS

- 1K lb capacity
- Hopper: 31.5" x 37.75"
- 12 cu/ft hopper capacity
- Lever actuated slide gate
- Front / Bottom material discharge
- All steel construction
- Alkyd Enamel paint
- Fixed front wheels
- Swivel rear wheels
- Dual load cell design
- ***T103SB weight indicator (included)***
- Stainless indicator housing
- Built-in rechargeable battery
- Up to 70 hour battery life
- 1" backlit LCD display






| Part Number | Description |
|---|---|
| 912-3024 | 1K lb capacity Weigh-Buggy with T103SB indicator |

# Alpha-Numeric Remote Displays

## BT-470 SUPERBRIGHT LED Scoreboard / Remote Display

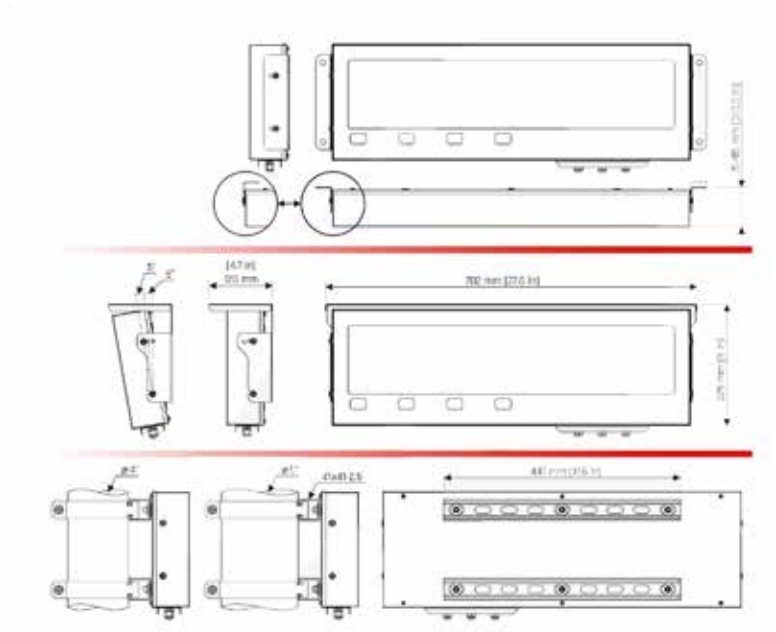
### STANDARD FEATURES




- Superbright red LED array with a wide reading angle
- Digit height: 4.7 in / 120 mm, five-digit fonts
- Automatic LED intensity adjustment
- Accepts: Ethernet, RS-232, and RS-422 / RS485 inputs
- All ports optically isolated
- Configurable baud rate 2400 to 19,200
- Auto-Learn feature automatically decodes data stream
- Displays alpha and numeric digits
- Compatibility with all weight indicators
- 120-240 VAC 47-63Hz, Average power consumption: 7W
- Operating temperature range -13°F ÷ +158°F / -25°C to +70°C
- 60" AC line cord
- Weatherproof Durable powder-coated mild steel housing, IP65 Protection
- Drop-down electronics carriage for quick and easy installation and service
- Sun visor (hood) and 3.5” pole mount hardware standard with item 841-100040
- Wall mount brackets come standard with 841-100041 (No Visor Included)
- LB / KG and GR / NT display character annunciators
- Configurable on web panel via ethernet connection, or main board buttons
- Custom string / application configuration software
- Dimensions: 26.7 W x 8.7 H x 2.9 D in
- Weight: 11 lb / 5.0 kg
- 3 Year warranty







# Alpha-Numeric Remote Displays

## BT-470 SUPERBRIGHT LED Scoreboard / Remote Display

| Part Number | Description |
|---|---|
| 841-100040 | BT-470 4.7" LED Array Display w/ Visor, 3.5" Pole Brackets, & Annunciators |
| 841-100041 | BT-470 4.7" LED Array Display w/ Annunciators (Wall Mount Only, No Visor) |
| 841-500074 | BT-470 Visor |
| 841-500075 | BT-470 Pole Mount Kit w/ 2” Pipe Clamps |
| 841-500076 | 2.5" Pole Clamp (Qty ea. / need two per scoreboard) |
| 841-500077 | 3.5" Pole Clamp (Qty ea. / need two per scoreboard) |
| 841-500078 | 4.5" Pole Clamp (Qty ea. / need two per scoreboard) |
| 841-500079 | 5.5" Pole Clamp (Qty ea. / need two per scoreboard) |
| 200-84232 | Mounting pole w/ 3.5" O.D., 96" height, 16" x 16" base plate |
| 841-500038 | Mounting bracket for all 2" and 4" scoreboards |
| 841-500039 | Mounting bracket for all 6" scoreboards |
| | **Replacement Parts** |
| 841-500080 | BT-470 Main CPU Board (requires soldering to replace) |

# Numeric Remote Displays

## SUPERBRIGHT LED Remote Display

### STANDARD FEATURES

- 6-digit Superbright red LED display (double-row digits on 4" and 6")
- Auto-Learn feature automatically decodes data stream
- Adjustable LED intensity
- Weatherproof powder coated aluminum alloy enclosure
- LB / KG and GR / NT display character annunciators
- Mirror display function
- Accepts: 20 mA, RS-232 and RS-422 / 485 inputs
- Configurable baud rate 300 to 19,200
- (Echo) retransmit data stream output
- 120 VAC (standard) or 12 VDC (optional) operating voltage
- 60" AC line cord
- Sun visor (hood) standard
- 2-Year warranty

### STANDARD LED REMOTE DISPLAY

Includes annunciator dots showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100028 | 1" |
| 841-100009 | 2" |
| 841-100007 | 4" |
| 841-100008 | 6" |
| 841-100025 | 9" |



1" Display



2" Display



4"/6" Display



9" Display

### TRAFFIC CONTROL LED REMOTE DISPLAY

Includes red/green light and annunciator dots showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100014 | 2" |
| 841-100011 | 4" |
| 841-100012 | 6" |



2" Display



4" Display



6" Display

### WIRELESS LED REMOTE DISPLAY

Includes built in transceiver, external antenna, external wireless XTP and annunciator dots showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100029 | 2" |
| 841-100030 | 4" |
| 841-100031 | 6" |



2" Display



4" Display



6" Display

# Numeric Remote Displays

## SUPERBRIGHT LED Remote Display

### WIRELESS TRAFFIC CONTROL LED REMOTE DISPLAY

Includes built in transceiver, external antenna, external wireless XTP and annunciator dots showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100032 | 2" |
| 841-100033 | 4" |




2" Display




4" Display

### LED REMOTE DISPLAY WITH LB/GR CHARACTER DISPLAY

Includes side display showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100010 | 4" |
| 841-100013 | 6" |




4" Display




6" Display

### TRAFFIC CONTROL LED REMOTE DISPLAY WITH LB/GR CHARACTER DISPLAY

Includes red/green light and side display showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100079 | 4" |
| 841-100078 | 6" |




4" Display




6" Display

### 12V LED REMOTE DISPLAY

Operates on 12v DC power and Includes annunciator dots showing net/gross and lb/kg

| Part Number | Size |
|---|---|
| 841-100017 | 2" |
| 841-100018 | 4" |




2" Display




4" Display

Peripherals

# Numeric Remote Displays

## SUPERBRIGHT LED Remote Display

| Part Number | Replacement Parts |
|---|---|
| 841-500023 | AC power board for 2", 4", 6" and 3.5" SG |
| 841-500054 | XT & XTP series power supply & 1" scoreboard power supply |
| 841-500022 | Main CPU board, standard scoreboard - 4", 6" |
| 841-500055 | Main CPU board, scoreboard w/ SG signal - 4", 6" |
| 841-500017 | Main CPU / display board - 2" |
| 841-500061 | Main CPU / display board - 2" with Stop/Go signal |
| 841-500063 | New 4" LED display board kit - all boards for all digits |
| 841-500064 | New 6" LED display board kit - all boards for all digits |
| 841-500007 | Master / slave display board connection ribbon cable - 4", 6" |
| 841-500052 | Lightning Repair Chip Kit - all socketed chips on main board |
| 841-500036 | 4" scoreboard mounting bracket |
| 841-500051 | LP1 - 232 / 422 current loop surge adapter |
| 841-500056 | 3.5" SG signal replacement for 4" & 6" scoreboard w/ SG |
| 841-500062 | Scoreboard replacement power cord w/ connector & strain relief |
| 841-500028 | XT200 transceiver built into 2", 4" & 6" scoreboard |
| 841-500038 | 2" and 4" Superbright mounting bracket NEW STYLE |
| 841-500039 | 6" Superbright mounting bracket NEW STYLE |

# Wireless Transceivers

## XTP & XT Series Transceivers



### STANDARD FEATURES

- 2.4 GHz Wireless Transceiver
- Field Configurable - No PC Required For Setup
- Works With Any Weight Indicator Serial Output
- Simple Configuration With DIP Switches
- All Common Serial Communication Protocols Supported
- Network ID For Multiple Unit Installation
- Configurable Baud Rates
- On-Board LED Function Indicators
- Built-In Antenna
- NEMA 4 Weatherproof Surface Mount Enclosure
- XT and XTP Radios are Compatible

| Part Number | Description |
|---|---|
| 841-500065 | XTP Wireless Transceiver - Single Unit |
| 841-500066 | XTP-INPUT 5V TTL input relay option card |
| 841-500067 | XTP-OUTPUT 5V TTL output relay option card |
| 841-500071 | XTP Extended Range 9 DBI Antenna w/ 4ft cable and magnetic base |
| 841-500072 | XTP Extended Range 18 DBI Yagi Antenna w/ U-Bolt Mount |
| 841-500073 | XTP 5 Meter Female to Male Extension Cable |
| 841-500068 | XTP-R2 Wireless Transceiver w/ two contact relays – single unit |
| 841-500069 | XTP-R4 Wireless Transceiver w/ four contact relays – single unit |
| 841-500070 | XTP-R8 Wireless Transceiver w/ eight contact relays – single unit |
| 841-500024 | XT100 Wireless Transceiver - Single Unit ***- While Supplies Last*** |
| 841-500027 | XT200 Wireless Transceiver - Single Unit ***- While Supplies Last*** |

*XT400 or XTP with XTP-output card can manually control red/green traffic signal mounted in scoreboard.*

**Replacement Parts**

| | | | |
|---|---|---|---|
| 841-500054 | XT Series power supply & 1" scoreboard power supply | 60.00 | D |
| 841-500053 | XT Series antenna | 50.00 | D |

| | XT100 | XT300 & 400 | XTP | XTP-R2, R4, & R8 |
|---|---|---|---|---|
| **Baud Rate** | | | | |
| 1200 | 9600 (fixed) | • | • | • |
| 2400 | | • | • | • |
| 4800 | | • | • | • |
| 9600 | | • | • | • |
| 19200 | | • | • | • |
| **Protocol** | | | | |
| RS 232 | • | • | • | • |
| 20 ma CL Active | | • | • | • |
| 20 ma CL Passive | | • | • | • |
| RS422 | | • | • | • |
| RS485 | | • | • | • |
| **Line of Sight Range** | 1/4 Mile Outdoor<br>75 Feet Indoor | 1 Mile Outdoor<br>300 Feet Indoor | 2 Mile Outdoor<br>600 Feet Indoor | 2 Mile Outdoor<br>600 Feet Indoor |
| **Networked ID's** | 1 | 16 | 16 | 16 |
| **Configuration** | Fixed | In Field | In Field | In Field |
| **Enclosure** | NEMA 4 | NEMA 4 | NEMA 4 | NEMA 4 |

# Specialty Items

## B-TEK Truck-On-Scale Sentinel

### STANDARD FEATURES

- On/off selector switch
- Mallory alarm with volume control
- 2-relay set point board
- (2) Watertight strain relief's
- FRP enclosure
- 6 foot power cord

### DELUXE FEATURES (SENTINEL DELUXE ONLY)

- Off delay timer
- 5 Volt power supply
- Acknowledge push button



863-000026



863-000027

| Part Number | Description |
|---|---|
| 863-000026 | Truck-on-scale Sentinel standard - TOSS-STD |
| 863-000027 | Truck-on-scale Sentinel deluxe - TOSS-DX |
| 863-000028 | Deluxe Toss Box with Auto Traffic Light Controller |

# Intercom System

## Wireless 2-Way Radio Intercom

### Standard Features

**Outdoor 2-Way Radio Call Box**

- License free VHF radio
- Push to talk operation
- Weatherproof polycarbonate enclosure
- Battery (D-Cell) or 120 VAC power option

**Indoor 2-Way Radio Base Station**

- Multiple base stations can be used
- Desk or wall mount
- Up to 2-mile line of site operation
- Radios are field or software programmable




| Part Number | Description |
|---|---|
| 872-000021 | (1) Indoor Base Station<br>(1) Outdoor Call Box (D-Cell Battery Powered) |
| 872-000022 | (1) Indoor Base Station<br>(2) Outdoor Call Box (D-Cell Battery Powered) |
| 872-000023 | (1) Indoor Base Station<br>(1) Outdoor Call Box (120 VAC Powered) |
| 872-000024 | (1) Indoor Base Station<br>(2) Outdoor Call Box (120 VAC Powered) |
| 872-000025 | (1) Indoor Base Station<br>(1) Outdoor Call Box (120 VAC Powered)<br>(1) Loud Mouth Speaker & Radio |
| 872-000026 | (1) Indoor Base Station<br>(2) Outdoor Call Box (120 VAC Powered)<br>(2) Loud Mouth Speaker & Radio |
| 872-000027 | (1) Indoor Base Station<br>(1) Outdoor Call Box<br>(1) Loud Mouth Speaker & Radio<br>(1) RSS-200 Solar Power Package |
| 872-000028 | (1) Indoor Base Station<br>(2) Outdoor Call Box<br>(2) Loud Mouth Speaker & Radio<br>(2) RSS-200 Solar Power Package |
| 872-000029 | (1) Indoor Base Station<br>(1) Outdoor Call Box<br>(1) RSS-100 Solar Power Package |
| 872-000030 | (1) Indoor Base Station<br>(2) Outdoor Call Box<br>(2) RSS-100 Solar Power Package |

# Intercom System

## Wireless 2-Way Radio Intercom

| Part Number | Parts & Accessories |
|---|---|
| 872-000034 | Hand Held Radio - 8 CH VHF |
| 872-000035 | Base Station - 10 CH VHF Intercom |
| 872-000036 | Call Box - VHF, Green |
| 872-000037 | Call Box AC Adapter |
| 872-000038 | Call Box Goose Neck Mounting Plate |
| 872-000039 | Loud Mouth Speaker & Radio |
| 872-000040 | Loud Mouth Outdoor Weather Enclosure |
| 872-000041 | Q-Series RSS-100 Solar Panel Kit (Outdoor Call Box Only) |
| 872-000042 | Call Box Programming Kit |
| 872-000043 | Call Box Programming Cable |
| 872-000044 | Loud Mouth Programming Cable |
| 872-000045 | Loud Mouth Programming Cable |
| 872-000046 | Loud Mouth "Y" Cable |
| 872-000047 | Loud Mouth Speaker Only |
| 872-000048 | Loud Mouth RSS-200 Solar Panel Kit |
| 100-160746 | Mounting Bracket - Call Box to Bottom of DD2050 |
| 200-160104 | Call Box 4" Pole Mount Goose Neck w/ Hardware |
| 200-160105 | Loud Mouth Speaker - 4" Pole Mount Bracket w/ Hardware |
| 200-160106 | Loud Mouth Radio & Solar Option - 4" Pole Mount Bracket w/ Hardware |
| 200-160107 | Call Box Adjustable Arm - 3" Pole Mount Goose Neck w/ Hardware |
| 200-160108 | Loud Mouth Speaker - 3" Pole Mount Bracket w/ Hardware |
| 200-160109 | Loud Mouth Radio & Solar Option - 3" Pole Mount Bracket w/ Hardware |

# Intercom System

## Aiphone Wired Intercom

### STANDARD FEATURES

- Simple and reliable system
- Desk mount 3-call master station
- Adjustable volume control
- Simple wiring - only two wires needed from base to horn
- Press to talk, release to listen operation
- Audible call tone (when optional call button used)
- Weatherproof paging horns



| Part Number | Description |
|---|---|
| 872-000020 | Intercom System:<br>(1) Aiphone M3PS 3-call station<br>(2) P25 in-line capacitors<br>(1) 6V Power Supply - SKK-620C<br>(2) AP15 paging horns<br>(1) 250 ft. intercom interconnect wire |
| | **Parts & Accessories** |
| 861-000001 | Intercom Interconnect Wire - 18/4 w/ Foil Shield |
| 872-000008 | Intercom 3-Call Master Station - LEM-3 |
| 872-000009 | Intercom 6V Power Supply - SKK-620C |
| 872-000004 | AP15 Paging Horn |
| 872-000001 | P25 In-Line Capacitors |
| 872-000010 | Intercom Transformer LT-1 |
| 872-000011 | Intercom Transformer Mounting Enclosure |
| 200-84234 | PA Horn U-Bolt Bracket 3.5" OD Pipe |

# Intercom System

## Voice Over IP Wired Intercom

### STANDARD FEATURES

- Digital HD sound quality with noise cancellation technology
- Makes it easier to hear drivers while truck is running
- Independent and automatic volume control.
- 6 Configurable input/outputs & 1 Relay to connect photo eyes, setpoints, lights
- Push to talk operation or call from office
- IP66 Weatherproof front panel
- 24VDC call box power or POE switch
- Multiple base stations and outdoor kiosks can be used
- Desk or wall mount
- Ability to panel mount in DD2050 or custom panels with TA-5 Bracket
- Surface mount with TA-1 Outdoor Enclosure
- Programmable via computers ethernet cable. All product needs configured prior to install
- Can be standalone system, does not have to be connected to area network
- Built in video capability when using TCIV-2 & ITSV-2 and ITSV 3 Models
- Purchase convenient kits listed below, or purchase system ala-cart
- Install VS-Client to use your computer to talk with outdoor IP stations, 10 free licenses with every IC-Edge installation
- Mobile application license included with purchase for a 60 day trial period. Wireless “Wifi” access point connection required
- Important Note: POE Switch & ethernet cable is required and not included w/ kits. Select switch by the number of devices powered



872-000070 - IC-EDGE Intercom Kit - ITSV-2 / TCIS-1 / TA-1



ITSV-3



| | Part Number | Description |
|---|---|---|
| Kits | 872-000070 | IC-EDGE Intercom Kit - ITSV-2 / TCIS-1 / TA-1 |
| | 872-000071 | IC-EDGE Intercom Kit - ITSV-2 / TCIS-2SS / TA-1 |
| | 872-000072 | IC-EDGE Intercom Kit - ITSV-2 / TCIS-3 / TA-1 |
| | 872-000079 | IC-EDGE Video Intercom Kit - ITSV-2 / TCIV-2 / TA-1 |
| | 872-000082 | IC-EDGE Video Intercom Kit - ITSV-2 / TCIV-3 / TA-1 |

| | Part Number | Description |
|---|---|---|
| Outdoor IP Stations | 872-000050 | IC-EDGE TCIS-1 Yellow 1-button w/ M&C Keys |
| | 872-000051 | IC-EDGE TCIS-2SS Stainless Steel 1-Button |
| | 872-000052 | IC-EDGE TCIS-3,Black ABS 1-Button |
| | 872-000053 | IC-EDGE TCIV-2 Vandal/Stainless Steel – Video Intercom |
| | 872-000054 | IC-EDGE TCIV-3 Black ABS Single Button – Video Intercom |

| | Part Number | Description |
|---|---|---|
| Outdoor IP Accessories | 872-000055 | TA-14 Microphone Windscreen TCIS/TCIV |
| | 872-000056 | TA-1 Surface Back Box-Turbine (Surface Mount Box) |
| | 872-000057 | TA-5 Bracket for US 2 Gang Backbox |
| | 872-000058 | TA-2 Double gang flush back box - Turbine |

# Intercom System

## Voice Over IP Wired Intercom

| | Part Number | Description |
|---|---|---|
| IP Base Stations | 872-000091 | ITSV-2 IP Touch Station with Video |
| | 872-000092 | ITSV-3 IP Touch Station with Video |
| | 872-000060 | IC-Edge Ip Desk Dual Display Station |
| | 872-000061 | IC-Edge 7007 Optional Gooseneck MIC |
| | 872-000062 | IP66 HD Telephone w/Keypad |
| | 872-000063 | SDS-1 SIP Desk Station w/Display and dual LAN |
| | 872-000086 | EXIGO ECPIR-3P 3 Button Call Panel Base Station |
| | 872-000087 | EXIGO MB-30G Goosneck Microphone for ECPIR-3P |
| | 872-000088 | EXIGO EMBIR-1 Desktop Box for ECPIR-3P |

| | Part Number | Description |
|---|---|---|
| Base Station Accessories | 872-000066 | CS540 & APD-80 Wireless Headset Kit for ITSV-1 |
| | 872-000064 | CS540 Convertible Dect 6.0 NA Wireless Headset for ITSV-1 |
| | 872-000065 | APD-80 EHS Electronic Hook Switch Adapter for Wireless Headset to ITSV-1 |
| | 872-000067 | IC-EDGE Mobile App |
| | 872-000085 | IC-EDGE-SIP-Client Extension for third party PC-Video |

| | Part Number | Description |
|---|---|---|
| PoE Switch (Required) | 872-000068 | 5-Port Gigabit Ethernet Unmanaged Switch with PoE Power 3 Devices |
| | 872-000069 | 8-Port PoE/PoE+ Gigabit Ethernet Unmanaged Switch Power 8 Devices |
| | 872-000077 | DD2050 Din Rail Mount PoE Switch and Power Supply Kit - 4 Devices |

| Part Number | Parts & Accessories |
|---|---|
| 861-000021 | RJ45 plug for Cat5 cable |
| 861-000020 | RAW STP Cat5 cable |
| 872-000078 | VOIP System pre-configured at B-TEK |
| 878-000015 | Photo-eye kit, pair of photo eyes with brackets, power enclosure, and cables |
| 878-000026 | DD2050 Photo-eye kit, pair of photo eyes with brackets and cables |
| 100-160747 | Cut opening into DD2050 panel for IC-EDGE install |
| 200-160110 | IC-EDGE TA-1 Adjustable Arm - 3" Pole Mount Goose Neck w/ Hardware |
| 200-160111 | IC-EDGE TA-1 Adjustable Arm - 4" Pole Mount Goose Neck w/ Hardware |
| 872-000093 | VOIP Horn |

# Traffic Signals

## SUPERBRIGHT LED Traffic Signal

### STANDARD FEATURES

- Available in 3.5" and 8" diameter
- Toggles signal color with red and green LEDs
- Accepts: Contact, voltage level or serial data stream to toggle color
- Contact closure, TTL, 20 mA Current Loop, RS-232 and RS-422 / 485 inputs
- Configurable baud rate 1200 to 9,600
- 110-220 VAC (standard) or 12 VDC (optional) operating voltage
- Weatherproof powder coated aluminum alloy enclosure
- Universal mounting bracket
- Sun visor (hood) standard
- 2-Year warranty

### Optional Features

- Wireless data communication



8" Diameter Traffic Signal



3.5" Diameter Traffic Signal

| Part Number | Description |
|---|---|
| 841-100016 | 3.5" LED Red / Green LED traffic signal |
| 841-100024 | 8" LED Red / Green LED traffic signal |
| | **Replacement Parts** |
| 841-500057 | Main LED board for 3.5" traffic signal |
| 841-500023 | AC power board for 2", 4", 6" and 3.5" SG |
| 841-500058 | Main LED board for 8" LED traffic signal |
| 841-500060 | Internal power supply for 8" SG |

# Traffic Signals

## TL-280 Smart LED Traffic Signal

### STANDARD FEATURES

- Available in 2.8” diameter signals
- Toggles signal color with red and green LEDs
- Accepts: Contact, voltage level or serial data stream to toggle color
- Contact closure TTL, TCP I/P Ethernet, 20 mA Current Loop, RS-232 and RS-422 inputs
- Baud rate 300 to 230400
- Can display symbols and alpha numeric characters
- Automatic light sensor, adjusts for day and night use
- 110 VAC Power / 2-Meter Power cord, 10-meter cat 5 cable w/ RJ45 connector
- Weatherproof IP65 powder coated steel enclosure
- Universal mounting bracket for pole mount, wall mount, or side of BT-470
- Sun visor (hood) standard w/ 3” U-Bolt bracket
- 3-Year warranty

### OPTIONAL FEATURES

- Operator Panel



| Part Number | Description |
|---|---|
| 841-100042 | TL-280 Red / Green LED traffic signal |
| | **Options** |
| 841-500083 | Operators Panel for TL-280 Stop / Go Lights |

# Traffic Signals

## "Traffic Cop" Traffic Light Control System

### STANDARD FEATURES

- Weatherproof polycarbonate traffic light housing
- 8" lens
- Solid state LED light modules
- Rugged aluminum mounting pole and pedestal
- Manual control station

| Part Number | Description |
|---|---|
| 873-TRAFFIC COP-1 | **Traffic Cop - 1**<br>(1) 8" red / green traffic signal with sun visors and LED lights<br>(1) Slip fitter mount for top of pole mounting<br>(1) Economy manual control station<br>(1) 7 ft. aluminum pole with pedestal base and anchor bolts |
| 873-TRAFFIC COP-1D | **Traffic Cop - 1D**<br>Same package as above including a deluxe control station with status indicators, housed in consolet enclosure |
| 873-TRAFFIC COP-2 | **Traffic Cop - 2**<br>(2) 8" red / green traffic signal with sun visors and LED lights<br>(2) Slip fitter mount for top of pole mounting<br>(1) Economy manual control station<br>(2) 7 ft. aluminum pole with pedestal base and anchor bolts |
| 873-TRAFFIC COP-2D | **Traffic Cop - 2D**<br>Same package as above including a deluxe control station with status indicators, housed in consolet enclosure |
| | **Parts & Accessories** |
| 873-000012 | Red / Green signal with sun visor and LED lights - Model TL-TS |
| 873-000007 | Traffic signal top closure cap - Model TL-SC |
| 873-000008 | Slip fitter to pole mount traffic light – Model TL-SF |
| 873-000015 | Side mount bracket for signal mounting on side of building - Model TL-SMB |
| 873-000006 | 7 ft. spun aluminum pole - Model TL-POLE |
| 873-000005 | Square aluminum pedestal base for pole - Model TL-PB |
| 873-000024 | Top cap for aluminum pole |
| 873-000011 | Economy control station in FRP enclosure |
| 873-000010 | Deluxe control station with status indicators, housed in consolet enclosure |
| 873-000002 | 69w traffic signal replacement bulb |
| 873-000022 | Traffic signal replacement bulb - 8" red LED |
| 873-000023 | Traffic signal replacement bulb - 8" green LED |

# Printers

| Part Number | Description |
|---|---|
| 831-000026KIT | Epson TM-U295 ticket printer with power supply |
| 831-000026 | Epson TM-U295 ticket printer only - *without power supply* |
| | **Parts & Accessories** |
| 835-300013 | TM-U295 power supply - 24 VDC |
| 835-100004 | TM-U295 print ribbon - Black |
| 835-300014 | RS-232 printer cable - DB9 male - DB25 male |
| 835-200006 | BSI preprinted scale tickets - package of 100 |


TM-U295

| Part Number | Description |
|---|---|
| 831-000027KIT | TM-590 serial slip receipt printer with PS-180 power supply package |
| | **Parts & Accessories** |
| 831-000027 | TM-590 serial slip reciept printer |
| 835-300013 | PS-180 power supply - 24 VDC |
| 835-300015 | Epson ERC31B black ribbon cartridge for U590 |

| Part Number | Description |
|---|---|
| 831-000028 | Epson TM-U220 roll tape printer with power supply |
| | **Parts & Accessories** |
| 835-300013 | TM-U220 power supply - 24 VDC |
| 835-100007 | TM-U220 print ribbon - Black |
| 835-200004 | TM-U220 single ply paper roll |
| 835-300014 | RS-232 printer cable - DB9 male - DB25 male |


TM-U220

| Part Number | Description |
|---|---|
| 821-550106 | PL-180 RMS / 12VDC panel mount printer |
| | **Parts & Accessories** |
| 821-550107 | PL-180 paper roll |
| 821-550108 | PL-180 print ribbon—Black |
| 821-550109 | PL-180 printer: spindle, rear housing & front cover kit |
| 821-550111 | PL-180 replacement print head mechanism |

| Part Number | Description |
|---|---|
| 831-000037 | ZEBRA ZD411, direct thermal, 203 DPI, USB, USB HOST, modular connectivity slot, BTLE5, U.S. cord, EZPL |
| 831-000038 | ZEBRA ZD411, thermal transfer, 203 DPI, USB, USB HOST, modular connectivity slot, BTLE5, U.S. cord, EZPL |
| 831-000039 | ZEBRA ZD421, direct thermal, 203 DPI, USB, USB HOST, modular connectivity slot, BTLE5, U.S. cord, EZPL |
| 831-000040 | ZEBRA ZD421, thermal transfer, 203 DPI, USB, USB HOST, modular connectivity slot, BTLE5, U.S. cord, EZPL |
| | **Parts & Accessories** |
| 835-100016 | ZEBRA KIT, serial module, ZD421D, ZD421T, ZD411D, ZD411T |
| 835-100017 | ZEBRA KIT, upgrade, dispenser, ZD421D, ZD621D |
| 835-100018 | ZEBRA KIT, upgrade, dispenser, ZD421T |
| 835-100019 | ZEBRA KIT, dispenser for media with a liner, ZD411D, ZD611D |
| 835-100020 | ZEBRA KIT, dispenser, ZD611T, ZD411T |

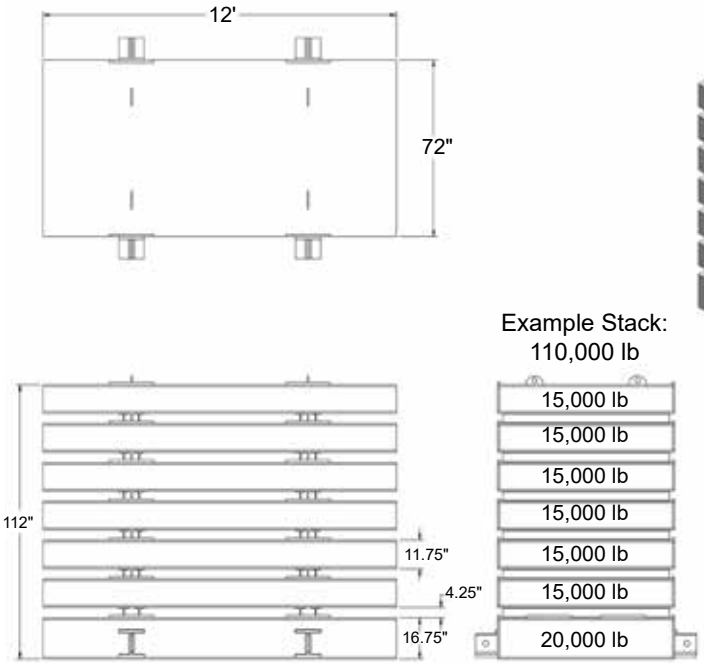

ZD411

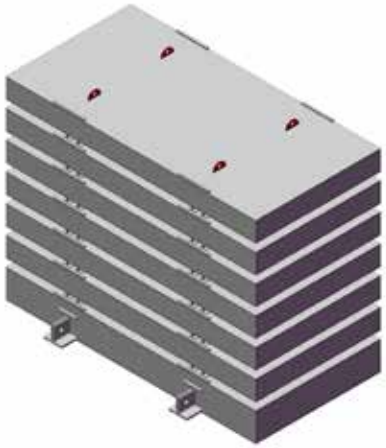
# Test Weights

## Slab Test Weights

### GENERAL SPECIFICATIONS

- Type: Stackable slab test weights for crane and other large capacity testing
- Weights Available:
  (1) 20K lb base weight with shackles
  (7) 15K lb stackable slabs
  (1) 10K lb stackable slab
  (2) 5K lb stackable slab
  145K lb available
- Lifting: 4-way lifting chains supplied by others
- Certification: Weight substitution, traceable to state certified test weights
- Freight: 45K lb per trailer
- Rental Cost: Call for current quote







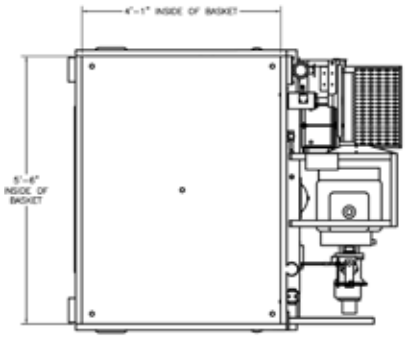


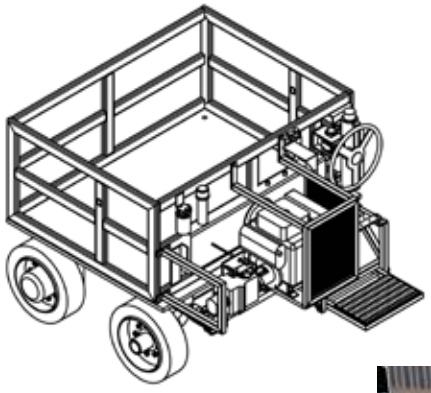
Test Equip.

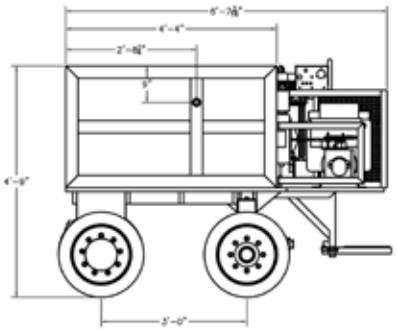
# 4-Wheel Test Cart

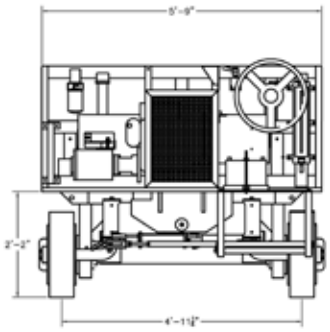
## GENERAL SPECIFICATIONS

- Certification: Meets NIST specifications and tolerances for new field standard test carts per Handbook 105-8
- Cart Weight: Standard calibrated cart weight (empty): 4K lb
  Optional weight (empty): 3K, 3.5K, 4.5K, 5K, 5.5K, 6K lb.
- Basket Cap: Capable of holding up to (24) twenty-four 1000 lb. test weights
- Dimensions: Standard basket inside dimensions: 63" W x 47.5" L x 30" H
  4-wheel cart wheel center dimensions: 36" L x 59-1/4" W
- Engine: Gasoline-powered, 688 cc, air-cooled, electric start
- Design: Hydrostatic forward and reverse
  Center mounted engine for better lifting balance
  Hydraulic torque hub drive and hydraulic power steering
  Auto brakes when not under power
  Pressurized oil filtering system
  NIST required calibrated fuel tank
  NIST required sealed 12 volt battery assembly
  Sealable shot ballast tank and sealable hydraulic fluid tank
  21" D x 6" W smooth tires
  Hour meter on engine
  Folding operator stair assembly
- Options: Custom lettering and/or graphics for your company
  Spreader / Lifting bar for test weights and/or test cart
  Lifting basket design for overhead crane weighing
  Correction weights / Test weights
  RF (radio frequency) remote controls
  Custom basket dimensions









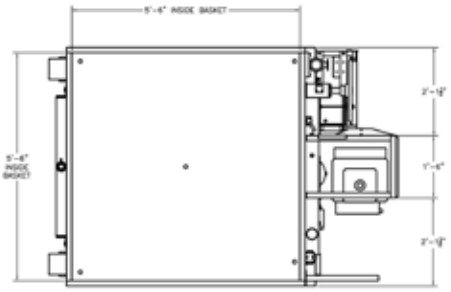


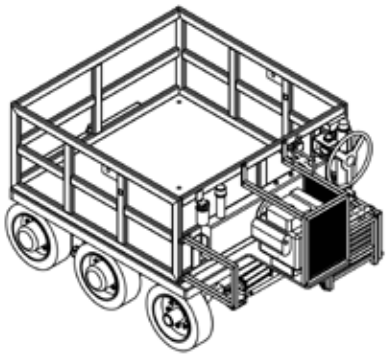
# 6-Wheel Test Cart

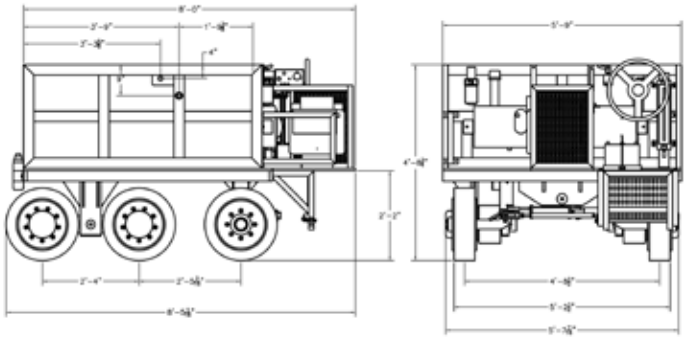
## GENERAL SPECIFICATIONS

- Certification: Meets NIST specifications and tolerances for new field standard test carts per Handbook 105-8
- Cart Weight: Standard calibrated cart weight (empty): 5K lb
  Optional weight (empty): 5.5K, 6K lb
- Basket Cap: Capable of holding up to (32) thirty-two 1K lb test weights
- Dimensions: Standard basket inside dimensions: 66" W x 66" L x 30" H
  6-wheel cart wheel center dimensions: 57-1/2" L x 56-1/2" W
- Engine: Gasoline-powered, 688 cc, air-cooled, electric start
- Design: Center mounted engine for better lifting balance
  Hydraulic torque hub drive and hydraulic power steering
  Auto brakes when not under power
  Pressurized oil filtering system
  NIST required calibrated fuel tank
  NIST required sealed 12 volt battery assembly
  Sealable shot ballast tank and sealable hydraulic fluid tank
  21" D x 6" W smooth tires
  Hour meter on engine
  Folding operator stair assembly
- Options: Custom lettering and/or graphics for your company
  Spreader / Lifting bar for test weights and/or test cart
  Lifting basket design for overhead crane weighing
  Correction weights / Test weights
  RF (radio frequency) remote controls
  Custom basket dimensions







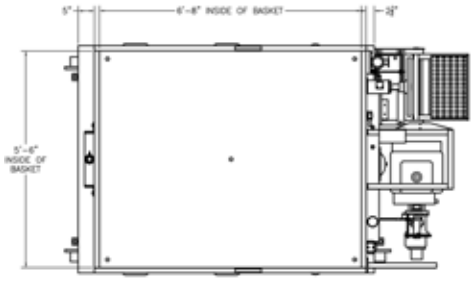


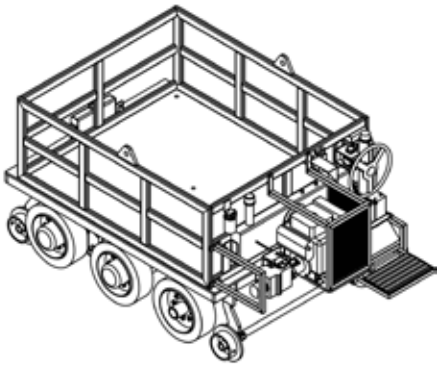


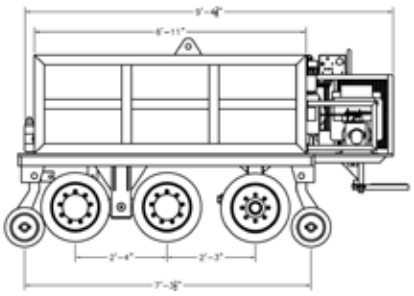
# Combo Rail / Truck Test Cart

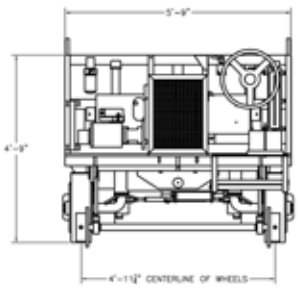
## GENERAL SPECIFICATIONS

- Certification: Meets NIST specifications and tolerances for new field standard test carts per Handbook 105-8
- Cart Weight: Standard calibrated cart weight (empty): 6K lb
- Basket Cap: Capable of holding up to (32) thirty-two 1K lb test weights
- Dimensions: Standard basket inside dimensions: 66" W x 80" L x 30" H
  6-wheel cart wheel center dimensions: 55" L x 59-1/4" W
- Engine: Gasoline-powered, 688 cc, air-cooled, electric start
- Design: Hydrostatic forward and reverse
  Four powered drive wheels
  Rail gear is hydraulically lowered and raised
  Center mounted engine for better lifting balance
  Hydraulic torque hub drives and hydraulic power steering
  Auto brakes when not under power
  Pressurized oil filtering system
  NIST required calibrated fuel tank
  NIST required sealed 12 volt battery assembly
  Sealable shot ballast tank and sealable hydraulic fluid tank
  21" D x 6" W smooth tires
  Hour meter on engine
  Folding operator stair assembly
- Options: Custom lettering and/or graphics for your company
  Spreader / Lifting bar for test weights and/or test cart
  Lifting basket design for overhead crane weighing
  Correction weights / Test weights
  RF (radio frequency) remote controls
  Custom basket dimensions











# Open Bed Test Truck

## GENERAL SPECIFICATIONS

- Description: Standard lengths of 17' to 24' and accommodates 16 to 24 1K standard block weights and a 3K lb to 6K LB test cart (weights and cart sold separately)
- Chassis: Can be supplied with a new truck chassis (various models available) by B-TEK, or customer can supply a new or used chassis for use (call for additional information)
- Design:
  Fixed boom design with hydraulic winch and lifting bar
  Test weight containment frame for securing test weights
  Hold-down assemblies for test cart
  Rear driver side controls location
  Underbody weight rack assembly for 50 LB. test weights
  Underbody aluminum tool boxes
  DOT required lighting
  LED light bars located on boom
  Custom lettering for company identification
- Options:
  Custom lengths on bed and/or boom
  Weight rack configurations to hold additional or less weights
  Steerable lift axle
  Utility pockets for holding oxy / acetylene tanks and tools
  Varying sizes and style of tool boxes
  Custom colors
  Test weights
  Knuckle boom crane in place of fixed boom crane assembly
  Pass-thru storage box



# Enclosed Box Test Truck

## GENERAL SPECIFICATIONS

- Description: Standard 18' length accommodates twenty (20) 1K standard block weights and a 3K lb to 5K lb test cart (weights and cart sold separately)
- Chassis: Can be supplied with a new truck chassis (various models available) by B-TEK, or customer can supply a new or used chassis for use (call for additional information)
- Design:
  - Hydrostatic forward and reverse
  - Telescoping boom design with hydraulic winch and lifting bar
  - Aluminum or FRP panel box construction
  - Double rear swing doors and curb side man door
  - Diamond safety plate flooring
  - Translucent or aluminum roof assembly
  - Test weight containment frame for securing test weights
  - Hold-down assemblies for test cart
  - RF remote control operation controls for boom, trolley and winch assemblies
  - Back-up manual controls for boom, trolley and winch assemblies
  - Underbody weight rack assembly for 50 LB. test weights
  - Underbody aluminum tool boxes (typically supplied with two)
  - DOT required lighting
  - Spotlights located on boom and inside box
- Options:
  - Custom lengths on box and/or boom
  - Weight rack configurations to hold additional or less weights
  - Steerable lift axle
  - Driver side man door
  - Varying sizes and style of tool boxes
  - Custom colors
  - Test weights



# Load Cell and Hardware Pricing
# 2022

**B-TEK Scales, LLC**
**1510 Metric Ave. S.W., Canton, Ohio 44706 • 800.266.8900 • 330.471.8900**
**Fax: 330.471.8909 • sales@b-tek.com • B-TEK.com**

# B-TEK Scales, LLC Warranties and Policies

Manufacturer Warranty and Policy Information

B-TEK Scales, LLC attempts to publish the most up to date and accurate information in its catalogs. Suppliers will occasionally update pricing and/or specific information after B-TEK's publications are printed. Please note that this is out of B-TEK's control, we suggest contacting our sales/technical support to confirm any concerns you might have.

***Any product names, logos, brands, and other trademarks featured or referred to within this catalog is the property of their respective trademark holders.***

- **Business Hours:** Monday - Friday 8:00 AM to 5:00 PM EST
- **Shipping Terms:** All UPS and LTL shipments will be sent "pre-paid and add" unless otherwise directed
- **LTL Carrier:** B-TEK will use the LTL carrier providing the best value to the requested destination
- **UPS Shipments:** Cut-off time for same-day parts shipment - 4:00 PM EST
- **Freight Options Include:**
  - Same Day Service – United States*
  - Next Day Early AM
  - Next Day by End of Day
  - 2nd Day
  - 3rd Day
  - Surface

International Shipping Available – Many options available depending on destination- Please Call

*Availability depends on closest major airports and flight availability

Certain restrictions apply and pricing options vary depending on types of loads and/or packages shipped – Please call about your specific shipment.

**B-TEK Returned Goods & Warranty Evaluation Process:**

- Contact B-TEK and request a Return Authorization (RA) or Warranty Evaluation (WE) form prior to returning the item. The form will be generated by B-TEK with a "Claim Number" and faxed or emailed as required.
- A product serial number, B-TEK order number, B-TEK invoice number or original purchase order number is required to start the Return or Warranty process.
- Warranty claims MUST be supplied with information specific to the error, damage or defect of the product.
- A copy of the RA / WE form or Claim Number must be included along with the returned item.
- B-TEK Scales is not responsible for shipping damage to items being returned. Please pack items carefully.
- Freight cost associated with Returns or Warranty will be paid by the party returning the item.

**Return To Stock - B-TEK Manufactured Products:**

- Returned items are subject to a restocking fee equal to $30.00 or 20% of dealer net price, whichever is greater.
- Items must be returned within 30 days of receipt.
- Items must be received in unused "Like New" condition and returned with original packaging.
- Items returned after 30 days or not received in "Like New" condition will be subject to a reconditioning / repacking fee.

**Return To Stock - B-TEK Resale or Special Order Products:**

- Returned items are subject to a restocking fee equal to $30.00 or 20% of dealer net price, whichever is greater.
- Items must be returned within 30 days of receipt.
- Items must be received in unused "Like New" condition and returned with original packaging.
- Items returned after 30 days or not received in "Like New" condition will be subject to a reconditioning / repacking fee.
- Special order items will be subject to restocking fees determined on a case-by-case basis.

# B-TEK Scales, LLC Warranties and Policies

Manufacturer Warranty and Policy Information

**Warranty Evaluation (WE) - B-TEK Manufactured Products:**

- Item must be returned within 30 days of issuance of WE claim number.
- Replacement parts can be requested at time of WE claim. Replacement part and freight costs are subject to invoicing if WE claim is denied.
- New, refurbished, or repaired parts may be sent out as replacements at B-TEK discretion.
- If replacement parts are not requested at time of WE claim, item will be repaired / replaced and returned.
- B-TEK will cover the outgoing freight cost of warranted parts via UPS GROUND only. Freight cost associated with expedited shipment of warranted parts will be cover by others.
- If entire indicators / assemblies are returned for warranty exchange, please see Return to Stock policy. Customer may be invoiced for item if not returned in “Like New” condition.
- If item is eligible for labor / travel expense reimbursement, the appropriate section of the WE claim form must be completed and returned with item.
- When claim is closed, customer will receive a completed “Return Evaluation From” with descriptions of findings.
- Customer is responsible for reviewing this form and reporting any discrepancies within 10 days of claim completion.

**Warranty Evaluation (WE) - B-TEK Resale or Special Order Products:**

- Item must be returned within 30 days of issuance of claim.
- Replacement parts can be requested at time of WE claim. Replacement part and freight costs are subject to invoicing if WE claim is denied.
- New, refurbished or repaired parts may be sent out as replacements at B-TEK discretion.
- If replacement parts are not requested at the time of claim, B-TEK will return item to the manufacturer for repair. The item will then be returned to customer.
- If entire indicators / assemblies are returned for warranty exchange, please see Return to Stock policy. Customer may be invoiced for item if not returned in “Like New” condition.
- **B-TEK resale or special order products will follow the published warranty period and policy of manufacturer.**
- **B-TEK resale or special order products are never eligible for labor / travel expense reimbursement.**

**Zemic Liberal Warranties:**

| | |
|---|---|
| • Aluminum cells | 12 month conditional warranty |
| • Alloy cells | 18 month conditional warranty |
| • Stainless Steel cells | 24 month conditional warranty |

- Manufactures over 100 million load cells and sensors worldwide annually.
- Utilizes only high grade metals.
- No recycled metals utilized for USA or European Supply.
- VCAP certified
- All Zemic Load Cells represented in this catalog are NTEP approved
- Most Zemic Load Cells are approved by FM and ATEX, and more than 30 are NTEP/OIML approved as of 2016.

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**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

# Compression Load Cells

B-TEK Scales, LLC Load Cell and Hardware Catalog

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**07** Revere **08** Coti

**Notes:**

# Revere CSP Compression Load Cell

Canister, Stainless Steel Welded Load Cell

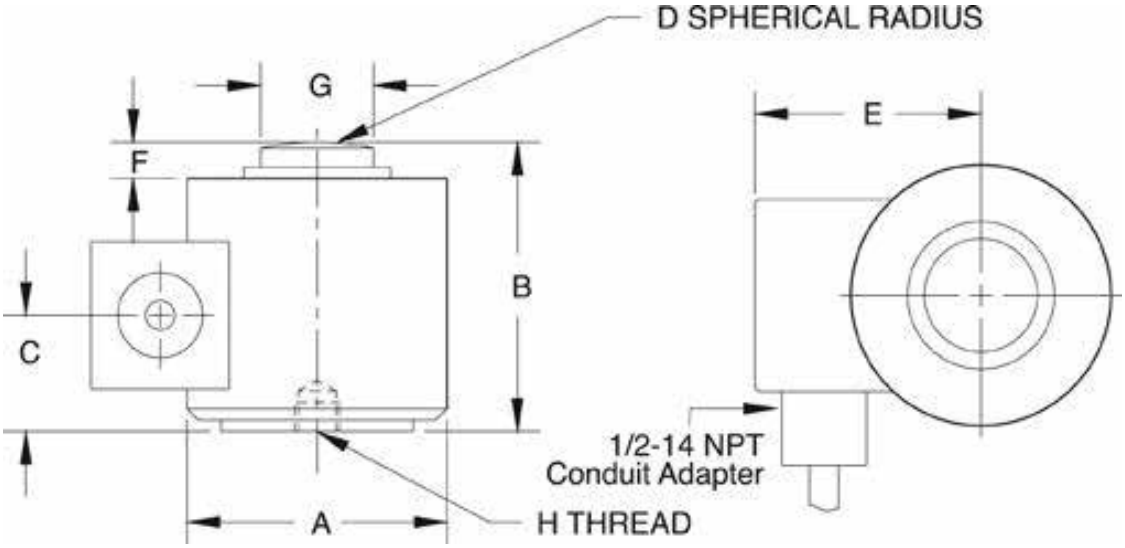
## Specifications

**Full Scale Output:** 2mV/V
**Input Resistance:** 450 ohms
**Output Resistance:** 480 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -65°F to 200°F / -54°C to 93°C
**Safe Overload:** 150% Full scale

**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Seal Type:** Welded sealed - IP68
**Cable Length:** 30 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E | F | G | H | DEPTH OF H |
|---|---|---|---|---|---|---|---|---|---|
| 10,000-50,000 | 2.88 | 3.25 | 1.28 | 6.00 | 2.51 | .40 | 1.25 | 1/2-20 UNF-2B | .38 |
| 100,000 | 4.12 | 5.00 | 2.15 | 6.00 | 3.39 | .51 | 2.31 | 3/4-16 UNF-2B | .56 |
| 200,000-300,000 | 6.00 | 7.25 | 3.63 | 17.00 | 4.26 | 1.04 | 3.13 | 3/4-16 UNF-2B | .75 |

**Interchangeable Products** | Rice Lake RLCSP1, Artech 90310, Howe 24469-000x, Revere 692B, Streeter Amet 3760xxx

*Load cell diameter may not be identical*

## Order Information

| B-TEK Part No. | Capacity | VPG Part No. |
|---|---|---|
| 811-500015 | 25K | 00CSP-025E-A1-01X |
| 811-500016 | 50K | 00CSP-050E-A1-01X |
| 811-500038 | 50K | 00CSP-050E-A1-02X (60' Cable) |
| 811-500018 | 100K | 00CSP-100E-A1-01X |
| 811-100008 | 200K | 00CSP-200E-A1-01X |

# Coti CG-26S Compression Load Cell

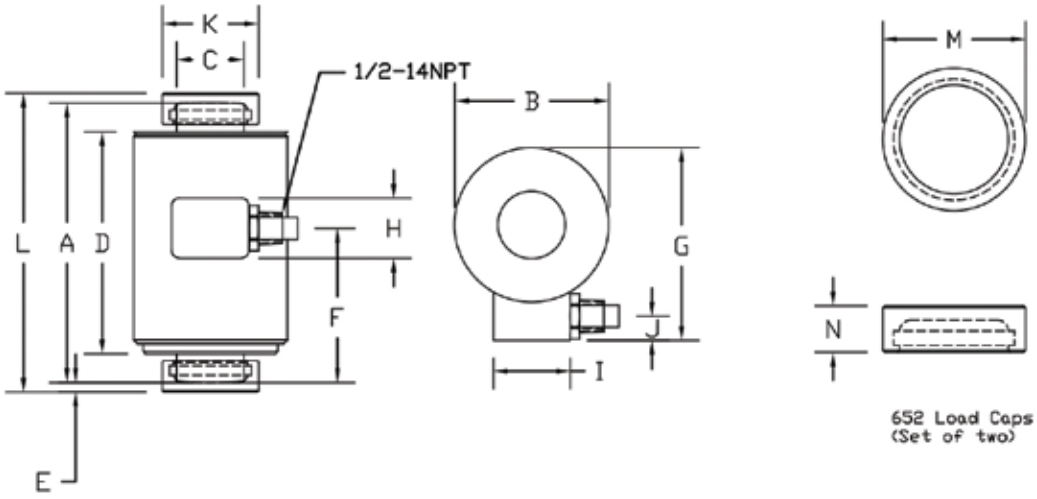
Canister, Stainless Steel Load Cell

## Specifications

**Rated Output:** 2.00 mV/V
**Safe Overload:** 150% Full Scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 1140 ± 10 ohms
**Output Resistance:** 1050 ± 5 ohms
**Seal Type:** Hermetically sealed - IP67
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale
**Temperature:**
Compensated 32°F to 86°F / 0°C to 30°C
Operating -4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Cable Length:** 4 conductor braided, 50 ft



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
| 50K-120K Load Cell | 7.25 | 4.00 | 1.75 | 5.75 | 0.75 | 4.00 | 5.00 | 1.55 | 2.00 | 0.62 | 2.50 | 7.75 | – | – |
| 652 Load Caps | – | – | – | – | – | – | – | – | – | – | – | – | 2.5 | 0.82 |

**Load Cell Wiring:**
Green: +EXC
Black: -EXC
White: +SIG
Red: -SIG
Braided/Yellow: Shield

**Interchangeable Products** | Cardinal SCA, Cardinal HDD, Totalcomp TCSCA, Rice Lake RLSCA

## Order Information

| B-TEK Part No. | Coti Part No. |
|---|---|
| 811-500027 | CG-26S-100k SST Comp Canister (caps incl) |
| 811-500031 | CG-26S Cap for Load Button |

# Coti CG-26S1 Compression Load Cell

Canister, Stainless Steel Load Cell

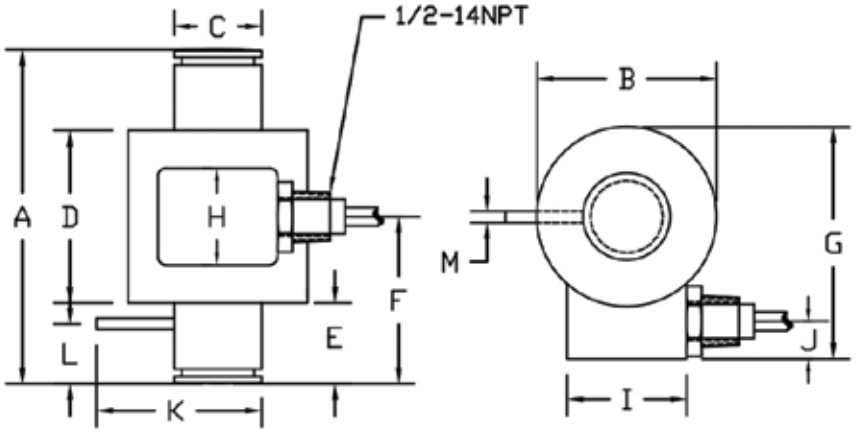
## Specifications

**Rated Output:** 1.8 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 1080 ± 10 ohms
**Output Resistance:** 1000 ± 5 ohms
**Seal Type:** Hermetically sealed - IP67
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale

**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale
**Temperature:**
Compensated 32°F to 86°F / 0°C to 30°C
Operating -4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Cable Length:** 4 conductor braided, 50 ft



## Outline Dimension in inches




**Load Cell Wiring:**
Green: +EXC
Black: -EXC
White: +SIG
Red: -SIG
Braided/Yellow: Shield

| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M |
| 50KSE | 6.00 | 3.00 | 1.46 | 2.88 | 1.56 | 3.00 | 3.88 | 1.62 | 2.00 | 0.50 | 2.88 | 1.00 | 0.38 |
| 50KLE | 7.56 | 3.00 | 1.46 | 2.88 | 2.34 | 3.78 | 3.88 | 1.62 | 2.00 | 0.50 | 2.88 | 1.00 | 0.38 |

**Interchangeable Products** | Fairbanks 64166, Fairbanks LCF-HR4020-2 50K LE, Rice Lake RL75114 50K LE

## Order Information

| B-TEK Part No. | Coti Part No. |
|---|---|
| 811-500028 | CG-26S1-50k SE SST Rocker Column |
| 811-500029 | CG-26S1-50k LE SST Rocker Column |
| 811-500040 | 26S Anti Rotation Pin |

# Coti CG-26S2 Compression Load Cell

Canister, Stainless Steel Load Cell

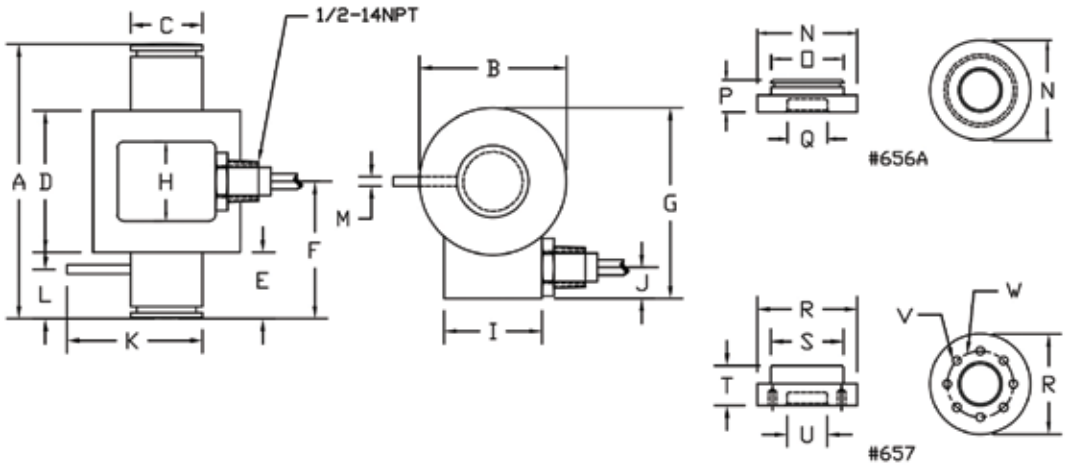
## Specifications

**Rated Output:** 2.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 380 ± 10 ohms
**Output Resistance:** 350 ± 5 ohms
**Seal Type:** Hermetically sealed - IP67
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale

**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale
**Temperature:**
Compensated 32°F to 86°F / 0°C to 30°C
Operating -4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Cable Length:** 4 conductor braided, 50 ft



## Outline Dimension in inches




**Load Cell Wiring:**
Green: +EXC
Black: -EXC
White: +SIG
Red: -SIG
Braided/Yellow: Shield

| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W |
| 56K | 7.56 | 3.00 | 1.46 | 2.88 | 2.34 | 3.78 | 3.88 | 1.62 | 2.00 | 0.50 | 2.88 | 1.00 | 0.38 | – | – | – | – | – | – | – | – | – | – |
| 656A | – | – | – | – | – | – | – | – | – | – | – | – | – | 3.75 | 2.465 | 1.25 | 1.5 | – | – | – | – | – | – |
| 657 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 4.13 | 2.465 | 1.69 | 1.5 | M10x1 | 2.25 |

**Interchangeable Products** | Fairbanks LCF-HR-4020-19, Flintec RC1

## Order Information

| B-TEK Part No. | Coti Part No. |
|---|---|
| 811-500030 | CG-26S2-56k SST Rocker Column |
| 811-500032 | CG-26S2 Upper Load Cup |
| 811-500033 | CG-26S2 Lower Load Receiver |
| 811-500040 | 26S Anti Rotation Pin |

## Notes:

# S-Type Load Cells

B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

13 Zemic
14 Sensortronics
16 Revere

**Notes:**

# ZEMIC H3G S-Type Load Cell

S-Type, Alloy Steel Load Cell

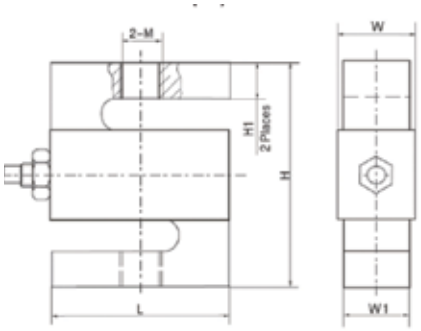
## Specifications

**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0 ± 0.008 mV/V
**Input Resistance:** 430 ± 60 ohms
**Output Resistance:** 351 ± 2.0 ohms
**Insulation Resistance:** ≥5000 (50VDC)

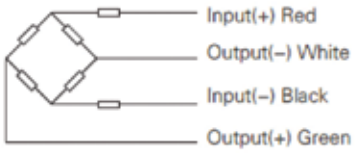
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full Scale
**Ultimate Overload:** 300% Full Scale
**Seal Type:** Environmentally Sealed - IP67
**Cable Length:** 20 ft




## Outline Dimension mm (inch)




| Dimension Capacity | L | H | H1 | W1 | W | M |
|---|---|---|---|---|---|---|
| 50-300lb | 50.8 (2.0) | 63.5 (2.5) | 10.16 (0.4) | 12.7 (0.5) | 16.5 (0.66) | 1/4-28UNF |
| 500lb-1.5Klb | 50.8 (2.0) | 63.5 (2.5) | 10.16 (0.4) | 19.05 (0.75) | 22.8 (0.90) | 1/2-20UNF |
| 2.2.5lb | 50.8 (2.0) | 63.5 (2.5) | 10.16 (0.4) | 25.4 (1.0) | 29.2 (1.14) | 1/2-20UNF |
| 3Klb | 76.2 (3.0) | 101.6 (4.0) | 15.2 (0.6) | 25.4 (1.0) | 29.2 (1.14) | 1/2-20UNF |
| 5,10Klb | 76.2 (3.0) | 101.6 (4.0) | 20 (0.79) | 25.4 (1.0) | 29.2 (1.14) | 3/4-16UNF |
| 15Klb | 101.6 (4.0) | 139.7 (5.5) | 30 (1.18) | 31.75 (1.25) | 35.5 (1.40) | 1-14 UNS |
| 20Klb | 127 (5.0) | 177.8 (7.0) | 39.9 (1.57) | 50.8 (2.0) | 54.2 (2.13) | 1 1/4-12UNF |




- Shielded, 4 conductor cable
- Cable diameter: Ø0.22in
- Shield not connected to element

**Interchangeable Products** | Revere M363, Celtron STC, Artech 20210, Rice Lake RL20000/20001, Totalcomp TS-SS, Transcell BSA/BSS, Vishay STC

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 815-100078 | 50 | H3G-N3-50-6YB |
| 815-100079 | 75 | H3G-N3-75-6YB |
| 815-100080 | 100 | H3G-N10-100-6YB |
| 815-100081 | 150 | H3G-N10-150-6YB |
| 815-100082 | 200 | H3G-N10-200-6YB |
| 815-100083 | 250 | H3G-N10-250-6YB |
| 815-100084 | 300 | H3G-N10-300-6YB |
| 815-100085 | 500 | H3G-N10-500-6YB |
| 815-100086 | 750 | H3G-N10-750-6YB |
| 815-100087 | 1K | H3G-N10-1K-6YB |
| 815-100088 | 1.5K | H3G-N10-1.5K-6YB |
| 815-100089 | 2K | H3G-N10-2K-6YB |
| 815-100090 | 2.5K | H3G-N10-2.5K-6YB |
| 815-100091 | 3K | H3G-N10-3K-6YB |
| 815-100092 | 5K | H3G-N10-5K-6YB |
| 815-100093 | 10K | H3G-N10-10K-6YB |
| 815-100094 | 15K | H3G-N3-15K-6YB |
| 815-100095 | 20K | H3G-N3-20K-6YB ***NTEP Pending*** |

# Sensortronics 60001A S-Type Load Cell

S-Type, Alloy Steel Load Cell

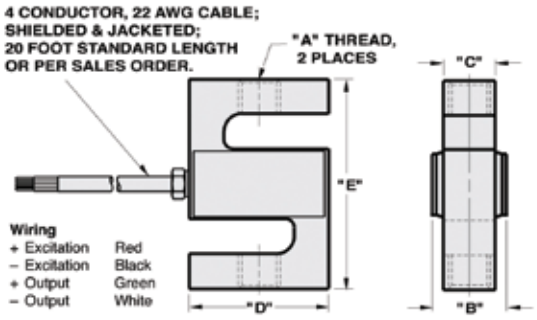
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance**: 343 - 450 ohms
**Output Resistance**: 349 - 355 ohms
**Material/Finish:** Alloy steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C

**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| CAPACITY | A | B | C | D | E | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|
| 25–200 | 1/4-28 UNF-2B | 0.65 | 0.50 | 2.00 | 2.50 | 0.015–0.010 | 4.0 |
| 250–300 | 3/8-24 UNF-2B | 0.75 | 0.50 | 2.00 | 3.00 | 0.010 | 4.0 |
| 500–2k | 1/2-20 UNF-2B | 1.00 | 0.75 | 2.00 | 3.00 | 0.010–0.012 | 6.5 |
| 2.5k–4k | 1/2-20 UNF-2B | 1.25 | 1.00 | 2.00 | 3.00 | 0.012 | 6.5 |
| 5k | 3/4-16 UNF-2B | 1.25 | 1.00 | 3.00 | 4.25 | 0.017 | 6.5 |
| 10k | 3/4-16 UNF-2B | 1.25 | 1.00 | 3.50 | 4.75 | 0.025 | 6.5 |
| 15k | 1-14 UNF-2B | 1.50 | 1.25 | 4.00 | 5.50 | 0.025 | 9.0 |
| 20k | 1-1/4-12 UNF-2-B | 2.25 | 2.00 | 5.00 | 7.00 | 0.025 | 9.0 |

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 815-100020 | 25 | 60001-025L-A1-00F-1000 |
| 815-100026 | 50 | 60001-050L-A1-01F-1000 |
| 815-100015 | 100 | 60001-100L-A1-02F-1000 |
| 815-100019 | 200 | 60001-200L-A1-01F-1000 |
| 815-100022 | 250 | 60001-250L-A1-00F-1000 |
| 815-100024 | 300 | 60001-300L-A1-00F-1000 |
| 815-100027 | 500 | 60001-500L-A1-04F-1000 |
| 815-100029 | 750 | 60001-750L-A1-02F-1000 |
| 815-100017 | 1K | 60001-001E-A1-00F-1000 |
| 815-100014 | 1.5K | 60001-01E5-A1-00F-1000 |
| 815-100023 | 2K | 60001-002E-A1-00F-1000 |
| 815-100018 | 2.5K | 60001-02E5-A1-00F-1000 |
| 815-100025 | 3K | 60001-003E-A1-00F-1000 |
| 815-100054 | 5K | 60001-005E-A1-00F-1000 (20' cable) |
| 815-100028 | 5K | 60001-005E-A1-01F-1000 (50' cable) |
| 815-100055 | 10K | 60001-010E-A1-00F-1000 |
| 815-100016 | 15K | 60001-015E-A1-00F-1000 |
| 815-100030 | 20K | 60001-020E-A1-00F-1000 |

# Sensortronics 60050 S-Type Load Cell

FM APPROVED

S-Type, Stainless Steel Load Cell

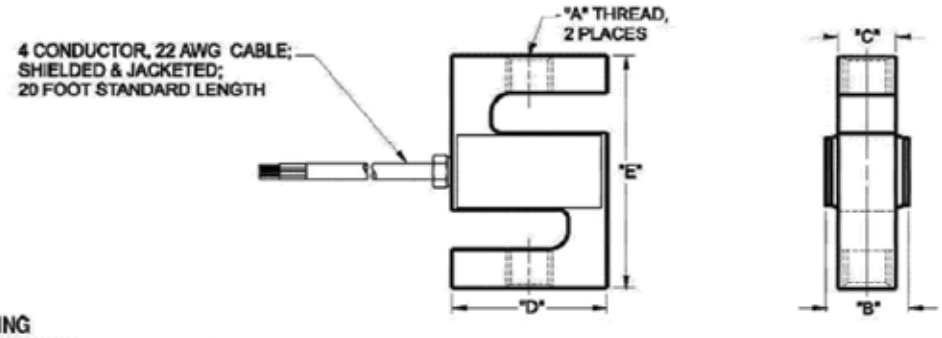
## Specifications

**Full Scale Output:** 3.0 mV/V
**Bridge Resistance:** 350 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C

**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.03% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




**WIRING**

| FUNCTION | COLOR |
|---|---|
| + Excitation | Red |
| – Excitation | Black |
| + Output | Green |
| – Output | White |

| CAPACITY | A | B | C | D | E |
|---|---|---|---|---|---|
| 250 | 3/8" - 24 | 0.75 | 0.50 | 2.00 | 3.00 |
| 500 - 1500 | 1/2" - 20 | 1.00 | 0.75 | 2.00 | 3.00 |
| 2000 - 3000 | 1/2" - 20 | 1.25 | 1.00 | 2.00 | 3.00 |
| 5000 | 3/4" - 16 | 1.25 | 1.00 | 3.00 | 4.25 |
| 10,000 | 3/4" - 16 | 1.25 | 1.00 | 3.50 | 4.75 |
| 15,000 | 1" - 14 | 1.50 | 1.25 | 4.00 | 5.50 |
| 20,000 | 1 1/4" - 12 | 2.00 | 1.94 | 5.00 | 7.00 |

**Interchangeable Products** | Celtron STC-SS

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 815-100003 | 250 | 60050-250L-NC-00F |
| 815-100063 | 500 | 60050-500L-NC-00F |
| 815-100004 | 750 | 60050-750L-NC-00F |
| 815-100065 | 1K | 60050-001E-NC-00F |
| 815-100074 | 1.5K | 60050-01E5-NC-00F |
| 815-100067 | 2K | 60050-002E-NC-00F |
| 815-100006 | 2.5 | 60050-02E5-NC-00F |
| 815-100007 | 3K | 60050-003E-NC-00F |
| 815-100071 | 5K | 60050-005E-NC-00F |
| 815-100073 | 10K | 60050-010E-NC-00F |
| 815-100031 | 15K | 60050-015E-NC-00F |
| 815-100002 | 20K | 60050-020E-NC-00F |

# Revere 363 S-Type Load Cell

S-Type, Nickle Plated Steel Load Cell

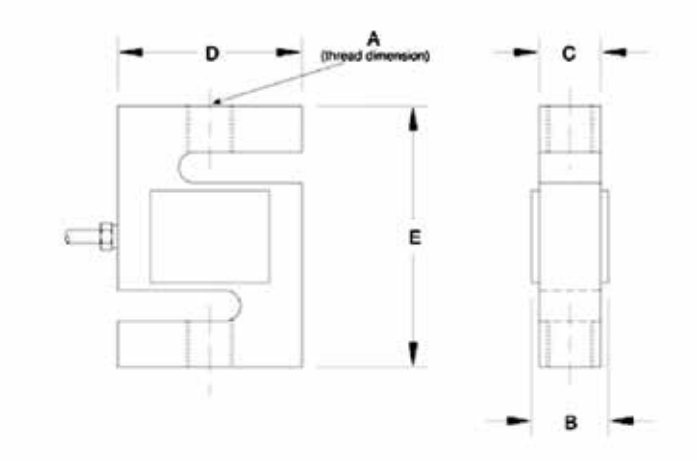
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 430 ohms
**Output Resistance:** 390 ohms
**Material/Finish:** Nickle Plated Alloy steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -40°F to 150°F / -18°C to 65°C

**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E |
|---|---|---|---|---|---|
| 50-300 | 1/4-28 UNF-2B | .65 | .50 | 2.00 | 2.50 |
| 500-1500 | 1/2-20 UNF-2B | .90 | .75 | 2.00 | 2.50 |
| 2000 | 1/2-20 UNF-2B | 1.15 | 1.00 | 2.00 | 2.50 |
| 3000 | 1/2-20 UNF-2B | 1.15 | 1.00 | 3.00 | 4.00 |
| 5000-10,000 | 3/4-16 UNF-2B | 1.15 | 1.00 | 3.00 | 4.00 |

**Interchangeable Products** | Zemic H3G

## Order Information

| B-TEK Part No. | Capacity | VPG Part No. |
|---|---|---|
| 815-100096 | 100 | 00363-100L-B1-01F |
| 815-100097 | 200 | 00363-200L-B1-01F |
| 815-100009 | 300 | 00363-300L-B1-01F |
| 815-100011 | 500 | 00363-500L-B1-01F |
| 815-100013 | 750 | 00363-750L-B1-00F |
| 815-100098 | 1K | 00363-001E-B1-01F |
| 815-100099 | 1.5K | 00363-1E5-B1-00F |
| 815-100008 | 2K | 300363-002E-B1-01F |
| 815-100010 | 3K | 00363-003E-B1-00F |
| 815-100012 | 5K | 00363-005E-B1-00F |
| 815-100005 | 10K | 00363-010E-B1-00F |
| 815-100101* | 15K | 00363-015E-D3-00F |

***Non-NTEP**

# Revere 9363 S-Type Load Cell

S-Type, Stainless Steel Load Cell

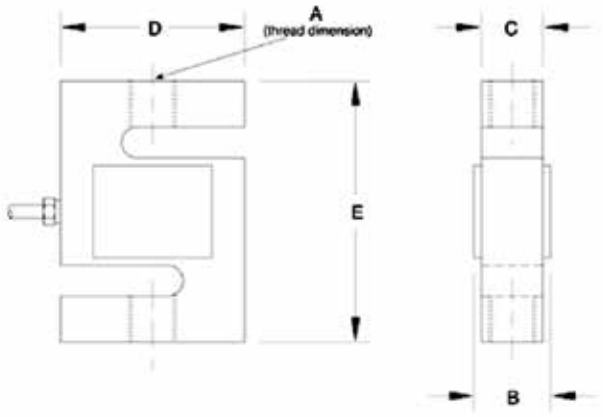
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 390 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -65°F to 200°F / -54°C to 94°C

**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.025% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E |
|---|---|---|---|---|---|
| 50-300 | 1/4-28 UNF-2B | .65 | .46 | 2.00 | 2.40 |
| 500-1500 | 1/2-20 UNF-2B | .90 | .71 | 2.00 | 2.40 |
| 2000-2500 | 1/2-20 UNF-2B | 1.13 | .96 | 2.00 | 2.40 |
| 3000 | 1/2-20 UNF-2B | 1.13 | .96 | 3.00 | 3.90 |
| 5000 | 3/4-16 UNF-2B | 1.13 | .96 | 3.00 | 3.90 |
| 10,000 | 3/4-16 UNF-2B | 1.63 | 1.21 | 2.94 | 3.90 |
| 15,000 | 1-14 UNF-2B | 1.63 | 1.46 | 3.44 | 5.50 |
| 20,000 | 1 1/4-12 UNF-2B | 1.88 | 1.69 | 4.44 | 7.00 |

## Order Information

| B-TEK Part No. | Capacity | VPG Part No. |
|---|---|---|
| 815-100033 | 100 | 09363-100L-B1-03F |
| 815-100038 | 200 | 09363-200L-B1-02F |
| 815-100041 | 300 | 09363-300L-B1-02F |
| 815-100043 | 500 | 09363-500L-B1-04F |
| 815-100045 | 750 | 09203-020E-D3-00X |
| 815-100036 | 1K | 09363-001E-B1-04F |
| 815-100032 | 1.5K | 09363-01E5-B1-02F |
| 815-100040 | 2K | 09363-002E-B1-02F |
| 815-100042 | 3K | 09363-003E-B1-03F |
| 815-100044 | 5K | 09363-003E-B1-03F |
| 815-100034 | 10K | 09363-010E-B1-03F |
| 815-100046* | 15K | 09363-015E-D3-02F |
| 815-100047* | 20K | 09363-020E-D3-02F |

***Non-NTEP**

# Single Point Load Cells

B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**


19 B-TEK Scales
20 Zemic
22 Tedea-Huntleigh
28 Flintec
30 WorldWEIGH C Series / 4x4


**Notes:**

# B-TEK BT-ASP-1 Single Point Load Cell

Single Point, Aluminum Load Cell

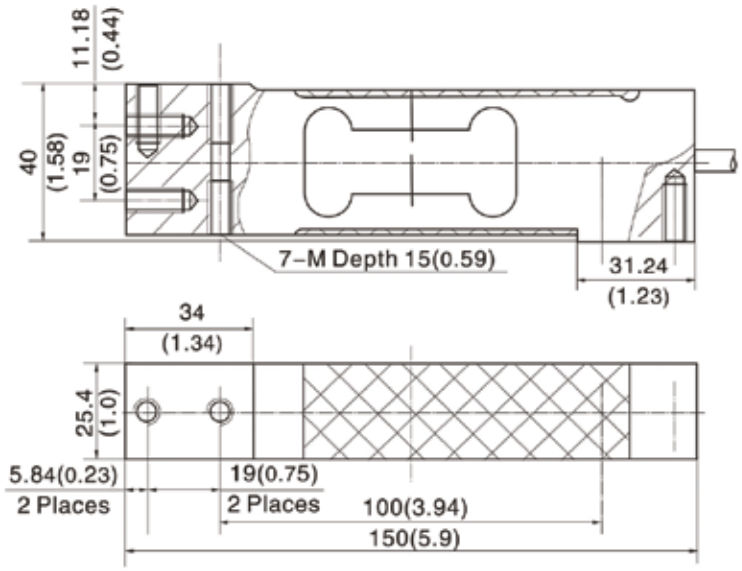
## Specifications

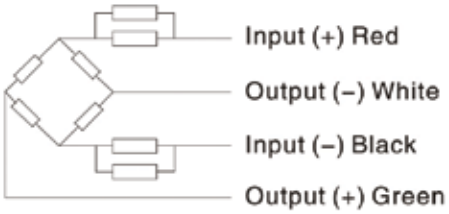
**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III Vmin
**Output Sensitivity:** 2.0 ± 0.02 mV/V
**Input Resistance:** 406 ± 6 ohms
**Output Resistance:** 350 ± 3 ohms
**Insulation Resistance:** ≥5000 (50VDC)

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 149°F / -35°C to 65°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Seal Type:** Environmentally sealed - IP65
**Cable Length:** 10 ft
**Imperial:** 1/4-20 Thread



## Outline Dimension mm (inch)




**Interchangeable Products** | Revere 642, HBM SP4, Tedea 1042, Rice Lake RL1042, Zemic L6N

## Order Information

| B-TEK Part No. | Capacity | B-TEK Model No. |
|---|---|---|
| 888-000001 | 5kg | BT-ASP-1-5kg |
| 888-000002 | 10kg | BT-ASP-1-10kg |
| 888-000003 | 15kg | BT-ASP-1-15kg |
| 888-000004 | 20kg | BT-ASP-1-20kg |
| 888-000005 | 30kg | BT-ASP-1-30kg |
| 888-000006 | 50kg | BT-ASP-1-50kg |
| 888-000007 | 75kg | BT-ASP-1-75kg |
| 888-000008 | 100kg | BT-ASP-1-100kg |

# ZEMIC L6D Single Point Load Cell

Single Point, Aluminum Load Cell

## Specifications

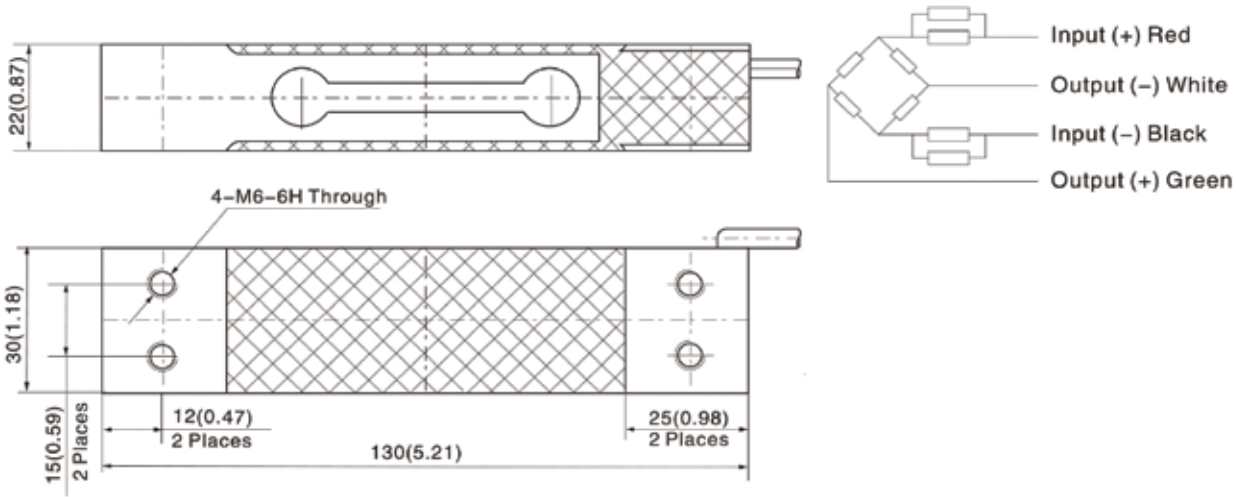
**Max No. of Verification Intervals:**
5000 Nmax
**Min Load Cell Verification Intervals:**
Class III Vmin
**Output Sensitivity:** 2.0 ± 0.02 mV/V
**Input Resistance:** 406 ± 6 ohms
**Output Resistance:** 350 ± 3 ohms
**Insulation Resistance:** ≥5000 (50VDC)

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 149°F / -35°C to 65°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 120% Full scale
**Ultimate Overload:** 300% Full scale
**Seal Type:** Environmentally sealed - IP65
**Cable Length:** 10 ft



**Metric Envelope**

## Outline Dimension mm (inch)




**Interchangeable Products** | Rice Lake RL1521A, Celtron LPS, Tedea 1022

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 814-100158 | 3kg | L6D-C3-3kg-0.4B |
| 814-100157 | 5kg | L6D-C3-5kg-0.4B |
| 814-100159 | 6kg | L6D-C3-6kg-0.4B |
| 814-100160 | 8kg | L6D-C3-8kg-0.4B |
| 814-100161 | 10kg | L6D-C3-10kg-0.4B |
| 814-100162 | 15kg | L6D-C3-15kg-0.4B |
| 814-100163 | 20kg | L6D-C3-20kg-0.4B |
| 814-100164 | 30kg | L6D-C3-30kg-0.4B |
| 814-100165 | 35kg | L6D-C3-35kg-0.4B |
| 814-100166 | 40kg | L6D-C3-40kg-0.4B |
| 814-100167 | 50kg | L6D-C3-50kg-0.4B |

# ZEMIC L6N Single Point Load Cell

Single Point, Aluminum Load Cell

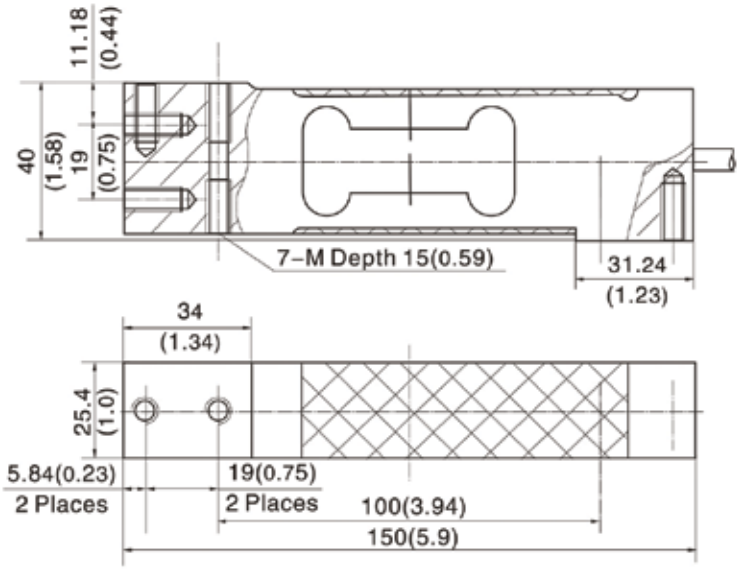
## Specifications

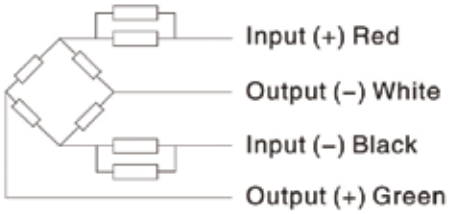
**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III Vmin
**Output Sensitivity:** 2.0 ± 0.02 mV/V
**Input Resistance:** 406 ± 6 ohms
**Output Resistance:** 350 ± 3 ohms
**Insulation Resistance:** ≥5000 (50VDC)

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 149°F / -35°C to 65°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Seal Type:** Environmentally sealed - IP65
**Cable Length:** 10 ft
**Imperial:** 1/4-20 Thread



## Outline Dimension mm (inch)




**Interchangeable Products** | Revere 642, HBM SP4, Tedea 1042, Celtron MT1041, Rice Lake RL1042, B-TEK BT-ASP-1

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 814-100126 | 3kg | L6N-C3-3kg-3YB6 |
| 814-100127 | 5kg | L6N-C3-5kg-3YB6 |
| 814-100128 | 8kg | L6N-C3-8kg-3YB6 |
| 814-100129 | 10kg | L6N-C3-10kg-3YB6 |
| 814-100130 | 15kg | L6N-C3-15kg-3YB6 |
| 814-100131 | 20kg | L6N-C3-20kg-3YB6 |
| 814-100132 | 30kg | L6N-C3-30kg-3YB6 |
| 814-100133 | 50kg | L6N-C3-50kg-3YB6 |
| 814-100134 | 75kg | L6N-C3-75kg-3YB6 |
| 814-100135 | 100kg | L6N-C3-100kg-3YB6 |

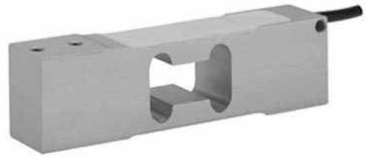
# Tedea-Huntleigh 1042 Single Point

Single Point, Aluminum Load Cell

## Specifications

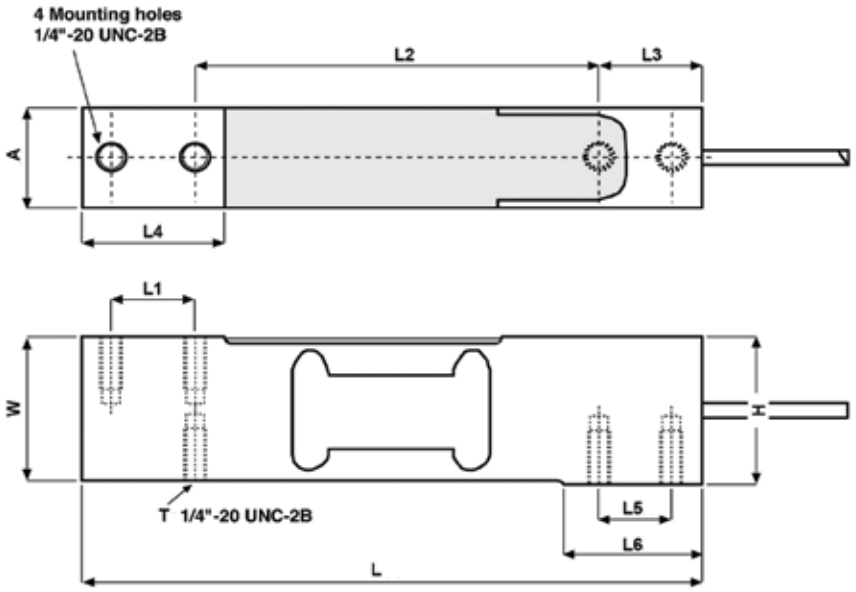
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ± 15 ohms
**Output Resistance:** 355 ± 3 ohms
**Material/Finish:** Aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 150% Full scale

**Rated Excitation:** 10 VDC (15V max)
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >2000 megohms
**Seal Type:** Environmentally sealed - IP66
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension in inches




| Capacity kg | A | H | L | L1 | L2 | L3 | L4 | L5 | L6 | W | T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-30kg | .787 | 1.54 | 5.91 | .75 | 3.937 | .984 | 1.339 | .75 | 1.339 | 1.575 | 1/4-20 UNC-2B |
| 50-100kg | .992 | 1.54 | 5.91 | .75 | 3.937 | .984 | 1.339 | .75 | 1.339 | 1.575 | 1/4-20 UNC-2B |

**Interchangeable Products** | Revere 642, HBM SP4, RLWS RL1042, Zemic L6N

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-500013 | 3kg | 1042-003K-D5-00X |
| 814-100094 | 7kg | 1042-007K-D5-03F |
| 814-100088 | 10kg | 1042-010K-D5-03F |
| 814-100089 | 15kg | 1042-015K-D5-01X |
| 814-100090 | 20kg | 1042-020K-D5-03F |
| 814-100091 | 30kg | 1042-030K-D5-05F |
| 814-100092 | 50kg | 1042-050K-D5-05F |
| 814-100093 | 75kg | 1042-075K-D5-01X |
| 814-100087 | 100kg | 1042-100K-D5-06F |

# Tedea-Huntleigh 1250 High Capacity

Single Point, Aluminum Load Cell

## Specifications

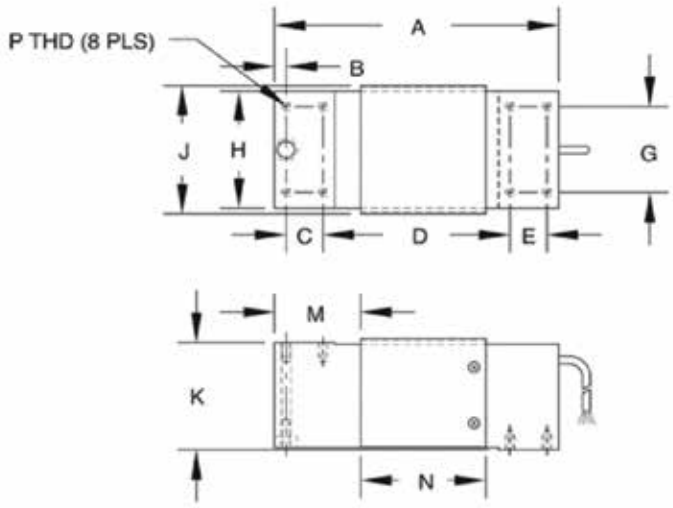
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ± 15 ohms
**Output Resistance:** 355 ± 3 ohms
**Material/Finish:** Anodized aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10 VDC (15V max)

**Combined Error:** 0.02% Full Scale
**Insulation Resistance:** >2000 megohms
**Seal Type:** Potted and/or
Environmentally sealed - IP65
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension in inches




| Capacity kg | A | B | C | D | E | G | H | J | K | M | N | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50-1000kg | 7.52 | .43 | .98 | 4.92 | .98 | 2.36 | 2.95 | 3.23 | 2.95 | 2.26 | 3.35 | 5/16-18 UNC X .59 DP |

**Interchangeable Products** | Celtron LOC, Flintec PCB, HBM PW12, RLWS RL1250

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-100083 | 50kg | 1250-050K-D5-57F |
| 814-100085 | 75kg | 1250-075K-D5-67F |
| 814-100077 | 100kg | 1250-100K-D5-57F |
| 814-100078 | 150kg | 1250-150K-D5-57F |
| 814-100080 | 200kg | 1250-200K-D5-59F |
| 814-100081 | 250kg | 1250-250K-D5-57F |
| 814-100082 | 300kg | 1250-300K-D5-57F |
| 814-100084 | 500kg | 1250-500K-D5-57F |
| 814-100115 | 635kg | 1250-635K-D5-59F |
| 814-100079 | 1000kg | 1250-001T-D5-59F |

# Tedea-Huntleigh 1010 Single Point Load Cell

Single Point, Aluminum Load Cell

## Specifications

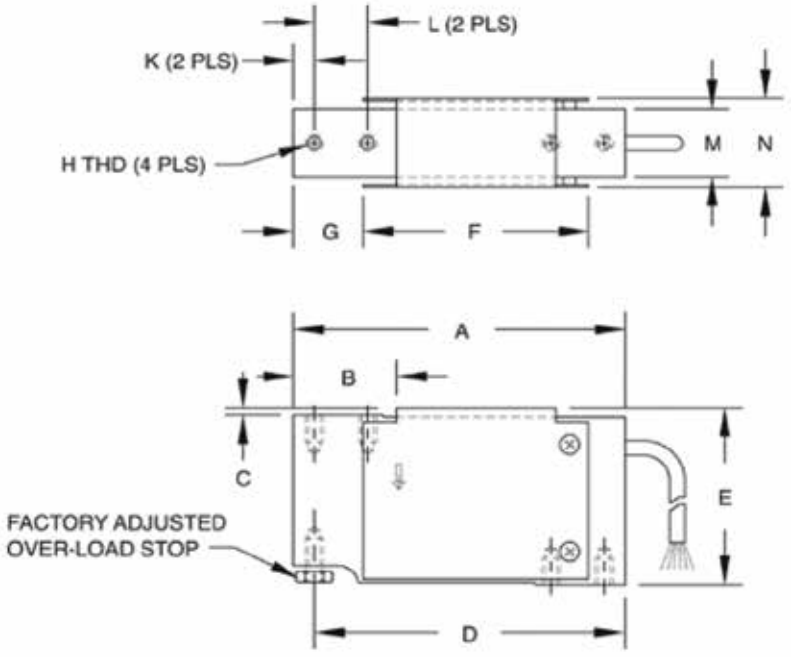
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10 VDC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Seal Type:** Potted - IP65
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension in inches




| Capacity kg | A | B | C | D | E | F | G | H | K | L | M | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-50kg | 4.65 | 1.34 | .12 | 4.35 | 2.60 | 3.15 | .98 | 1/4-20 UNC x 0.5 DP | .30 | .75 | 1.00 | 1.32 |

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-100144 | 10kg | 1010-010K-D5-54F |
| 814-100145 | 15kg | 1010-015K-D5-66X |
| 814-100146 | 20kg | 1010-020K-D5-66X |
| 814-100147 | 30kg | 1010-030K-D5-66X |
| 814-100148 | 50kg | 1010-050K-D5-54F |

# Tedea-Huntleigh 1040 Low Capacity Single

Single Point, Aluminum Load Cell

## Specifications

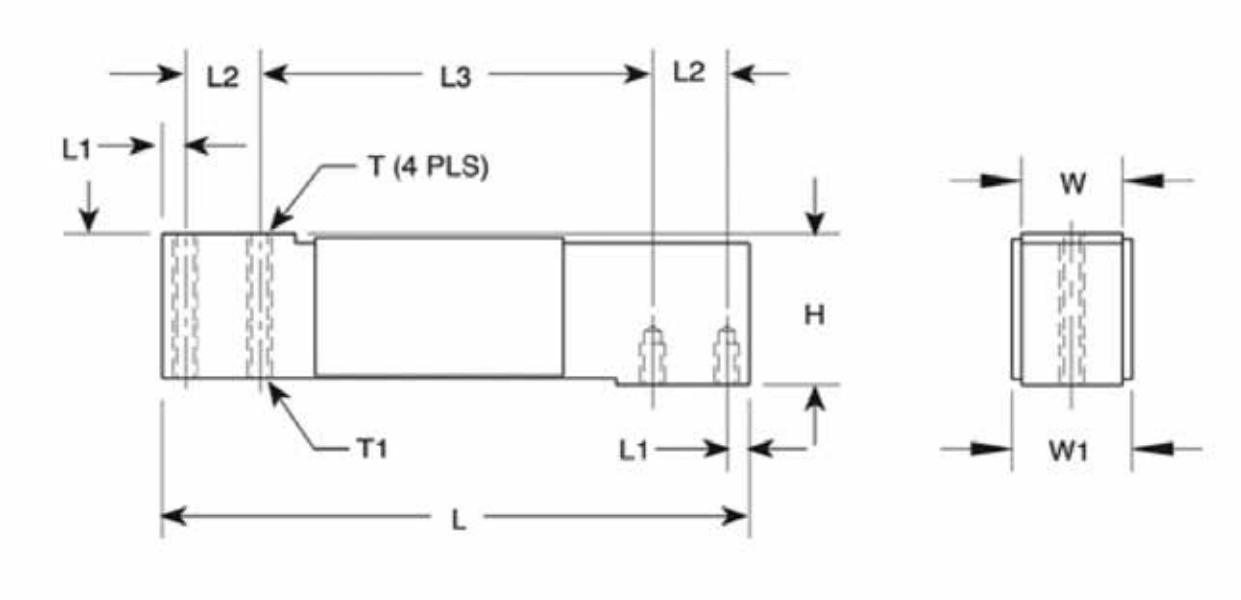
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 200% Full scale
**Rated Excitation:** 10 VDC (15V max)

**Combined Error:** 0.02% Full Scale
**Insulation Resistance:** >2000 megohms
**Seal Type:** Potted - IP65
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension in inches




| Capacity kg | H | L | L1 | L2 | L3 | T | T1 | W | W1 |
|---|---|---|---|---|---|---|---|---|---|
| 10-100kg | 1.57 | 5.91 | .23 | .75 | 3.94 | 1/4-20 UNC x 0.39 DP | 1/4-28 UNF x 0.39 DP | 1.00 | 1.16 |

**Interchangeable Products** | Celtron LOC, Mettler Toledo 0785

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-100149 | 10kg | 01040-010K-D5-03X |
| 814-100003 | 15kg | 01040-015K-D5-03X |
| 814-100004 | 20kg | 01040-020K-D5-02X |
| 814-100005 | 30kg | 01040-030K-D5-52X |
| 814-100006 | 50kg | 01040-050K-D5-50F |
| 814-100150 | 100kg | 01040-100K-D5-61X |

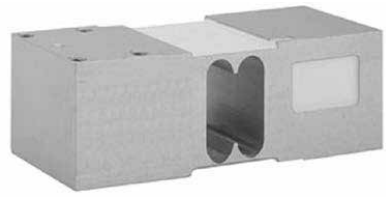
# Tedea-Huntleigh 1260 High Capacity Single

Single Point, Aluminum Load Cell

## Specifications

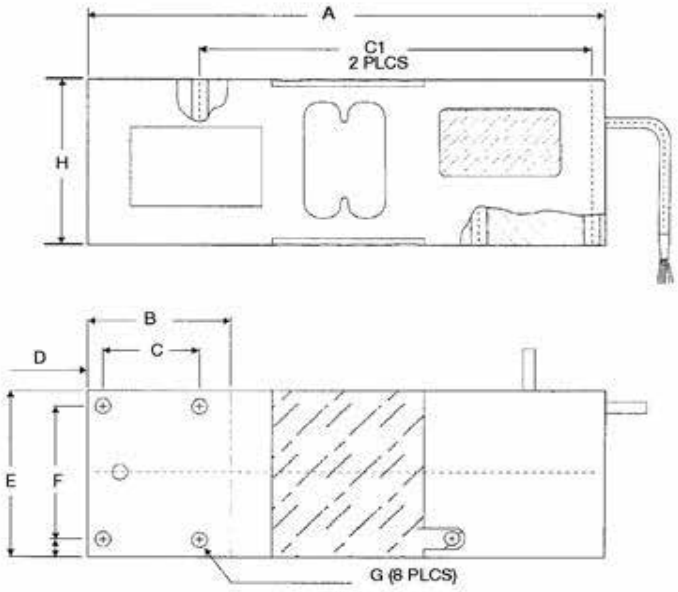
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10 VDC (15V max)

**Combined Error:** 0.02% Full Scale
**Insulation Resistance:** >2000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension in inches




| Capacity kg | A | B | C | C1 | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|---|
| 75-635kg | 7.40 | 2.05 | 1.38 | 5.59 | .22 | 2.45 | 1.97 | 5/16-18 UNC-2B | 2.45 |

**Interchangeable Products** | HBM PW16

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-100151 | 75kg | 01260-075K-D5-01X |
| 814-100152 | 100kg | 01260-100K-D5-01X |
| 814-100153 | 150kg | 01260-150K-D5-01X |
| 814-100031 | 200kg | 01260-200K-D5-01X |
| 814-100154 | 250kg | 01260-250K-D5-01X |
| 814-100155 | 300kg | 01260-300K-D5-01X |
| 814-100032 | 500kg | 01260-500K-D5-01X |
| 814-100156 | 635kg | 01260-635K-D5-01X |

# Tedea-Huntleigh 1022 Single Point

Single Point, Aluminum Load Cell

## Specifications

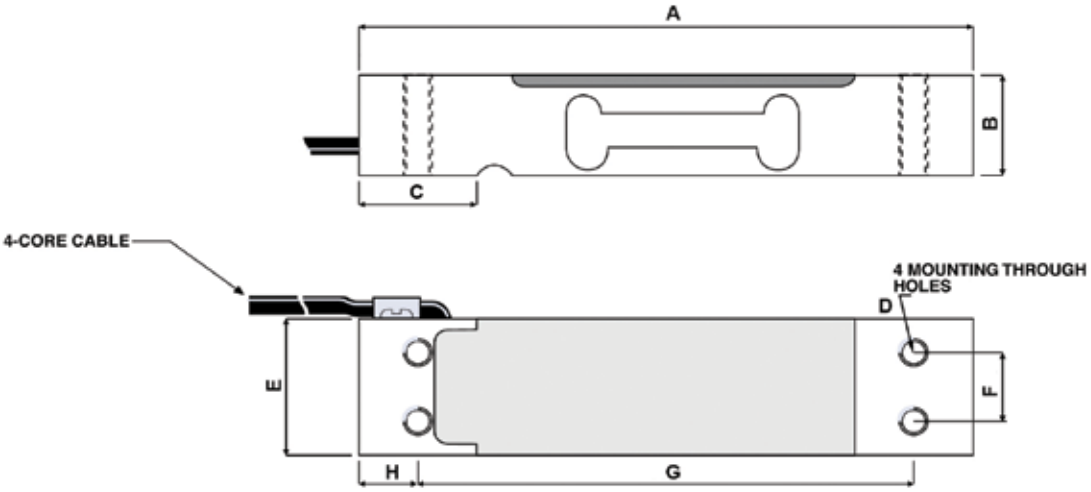
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 415 ohms
**Output Resistance:** 350 ohms
**Material Finish:** Aluminum
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 158°F / -20°C to 70°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >2000 megohms
**Seal Type:** Environmentally sealed - IP66
**Cable Length:** 10 ft / 100kg 12 ft



**Metric Envelope**

## Outline Dimension in inches




| Capacity kg | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 3-7kg | 5.12 | .87 | .99 | M6 x 1.0 | 1.00 | .59 | 4.17 | .47 |
| 10-30kg | 5.12 | .87 | .99 | M6 x 1.0 | 1.18 | .59 | 4.17 | .47 |
| 35-100kg | 5.12 | .87 | .99 | M6 x 1.0 | 1.57 | .59 | 4.17 | .47 |

**Interchangeable Products** | Rice Lake RL1521A, Celtron LPS, Zemic L6D

## Order Information

| B-TEK Part No. | Capacity | Tedea-Huntleigh Part No. |
|---|---|---|
| 814-100136 | 3kg | 1022-003K-C3-03X |
| 814-100137 | 5kg | 1022-005K-C3-05X |
| 814-100138 | 7kg | 1022-007K-C3-07X |
| 814-100139 | 10kg | 1022-010K-C3-10X |
| 814-100140 | 15kg | 1022-015K-C3-05X |
| 814-100141 | 20kg | 1022-020K-C3-08X |
| 814-100142 | 30kg | 1022-030K-C3-08X |
| 814-100143 | 35kg | 1022-035K-C3-06X |
| 816-500009 | 100kg | 1022-100K-C3-03X |

# Flintec PCB Single Point Load Cell

Single Point, Stainless Steel Load Cell

## Specifications

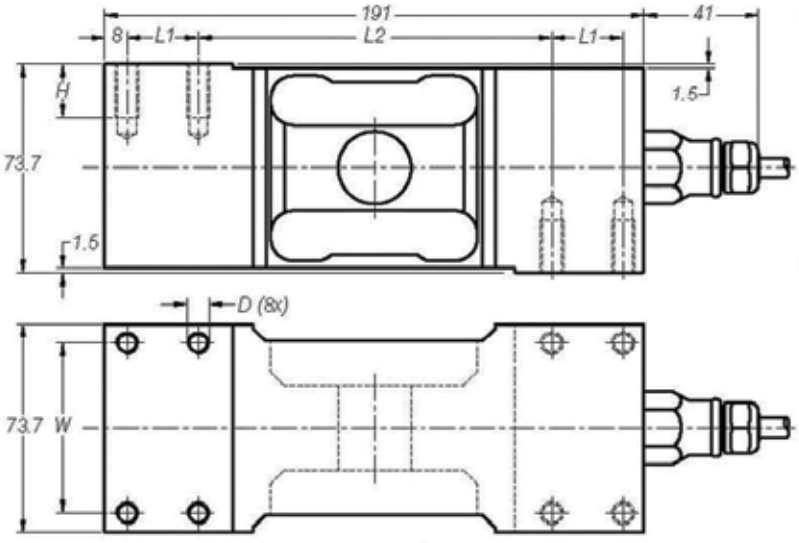
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 1100 ± 50 ohms
**Output Resistance:** 960 ± 50 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 150°F / -18°C to 65°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 200% Full scale
**Rated Excitation:** 10V DC (15V max)

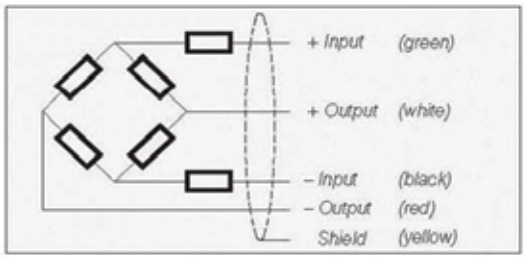
**Combined Error:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Hermetically sealed - IP68
**Cable Length:** 10 ft



**Imperial Envelope**

## Outline Dimension mm




**Wiring**
- The load cell is provided with a shielded, 4 conductor cable.
- Cable length: 3 m.
- Cable diameter: 5 mm.
- The shield is floating.

| Type | L | L2 | H | W | D | Mounting bolts** | Torque* |
|---|---|---|---|---|---|---|---|
| PCB-50/100/250/500/1000 kg | 25 | 125 | 19 | 60 | 5/16"-18 | 5/16"-18 | 25Nm |

## Order Information

| B-TEK Part No. | Capacity | Flintec Part No. |
|---|---|---|
| 814-100076 | 100kg | PCB- 100 Kg |
| 814-500004 | 250kg | PCB- 250 Kg |
| 814-500005 | 500kg | PCB- 500 Kg |
| 814-500006 | 1000kg | PCB- 1000 Kg |

# Flintec PC6 Single Point Load Cell

Single Point, Stainless Steel Load Cell

## Specifications

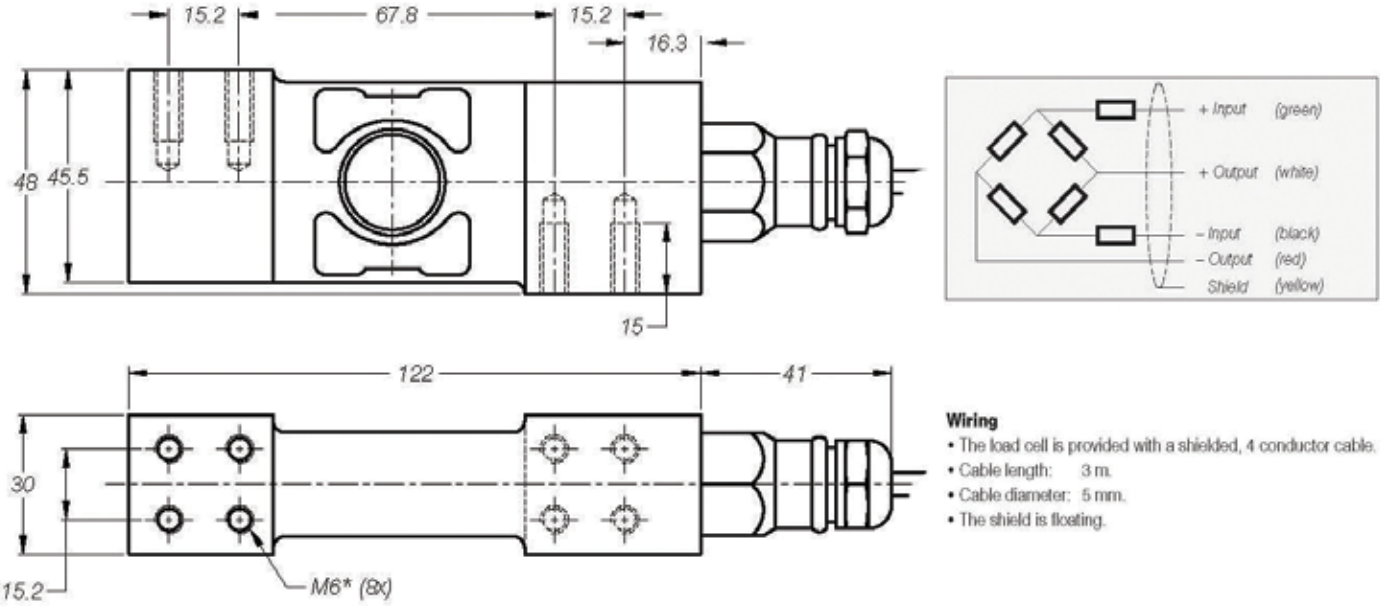
**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 1100 ± 50 ohms
**Output Resistance:** 960 ± 50 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 150°F / -18°C to 65°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 200% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Hermetically sealed - IP68
**Cable Length:** 10 ft



**Metric Envelope**

## Outline Dimension mm




**Wiring**
- The load cell is provided with a shielded, 4 conductor cable.
- Cable length: 3 m.
- Cable diameter: 5 mm.
- The shield is floating.

## Order Information

| B-TEK Part No. | Capacity | Flintec Part No. |
|---|---|---|
| 814-500018 | 10kg | PC6-10 Kg |
| 814-500002 | 20kg | PC6- 20 Kg |
| 814-500003 | 50kg | PC6- 50 Kg |
| 814-100075 | 100kg | PC6- 100 Kg |
| 814-500001 | 200kg | PC6- 200 Kg |

# WorldWEIGH C Series/4x4 Floor Scale Replacement Load Cells



899-300033



899-300037



899-300092

## Order Information

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300032 | 6 lb | C100 - 6 lb Replacement Load Cell |
| 899-300033 | 12 lb | C100 - 12 lb Replacement Load Cell |
| 899-300132 | 30 lb | C100 - 30 lb Replacement Load Cell |
| 899-300034 | 60 lb | C100 - 60 lb Replacement Load Cell |
| 899-300035 | 100 lb | C100 - 100 lb Replacement Load Cell |

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300036 | 50Kg | C200 Load Cell L6E-50Kg For C200 / 30S |
| 899-300037 | 100Kg | C200 Load Cell L6G-100Kg For C200 / 60M |
| 899-300038 | 200Kg | C200 Load Cell L6G-200Kg For C200 / 150M / 150L |
| 899-300039 | 500Kg | C200 Load Cell L6G-500 Kg For C200 / 300L |

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300048 | 50 lb | C300 / 50 WW-1214-50-BS Single Point Load Cell |
| 899-300049 | 100 lb | C300 / 100 WW-1620-100-BS Single Point Load Cell |
| 899-300092 | 250 lb | C300 / 250 WW-1620-250-BS Single Point Load Cell |



899-300057

| B-TEK Part No. | Description |
|---|---|
| 899-300056 | WW-4848-5K Stainless Steel Leveling Foot |
| 899-300057 | WW-4848-5K Platform Replacement 2K lb Load Cell |
| 899-300104 | WW-4848-5K Platform Replacement 2.5K lb Load Cell |
| 899-300058 | WW-4848 Stainless Steel Junction Box |
| 899-300059 | WW-4848 Floor Scale 4-cell Summing Board |
| 899-300060 | 14’ Poly Coated Metal Braid Cable with DB-9 Connector |
| 899-300061 | M16 Lifting Eye Bolt - 2.0 x 27mm |
| 899-300062 | 1/2-20 Fine Thread 2” Mounting Bolt for Load Cell each |
| 899-300128 | 48” x 36” Tread Plate Mild Steel Ramp w/Foot Retaining Plates |

## Notes:

# Single Ended Shear Beams

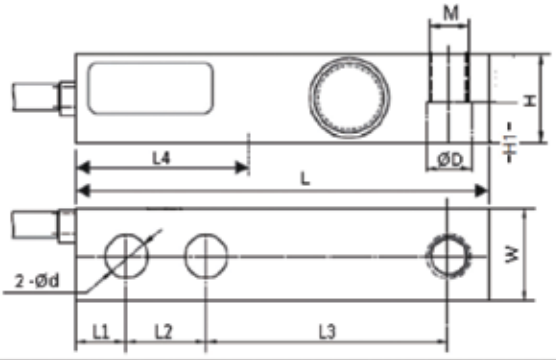
B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

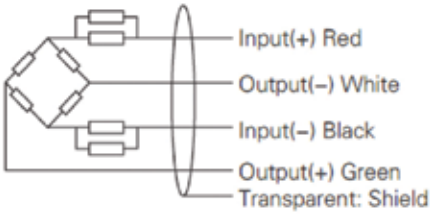

**33** Zemic **35** Sensortronics **40** Revere

**42** Celtron **44** Coti


**Notes:**




| Dimension Capacity | L | L1 | L2 | L3 | L4 | H | H1 | W | W1 | D | d | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250-5KSE | 130.0 (5.12) | 15.8 (0.62) | 25.4 (1.0) | 76.2 (3.0) | 54.2 (2.13) | 31.8 (1.25) | 15.8 (0.62) | 31.8 (1.25) | 34.0 (1.34) | 13.5 (0.53) | 13.5 (0.53) | 1/2-20UNF |
| 5k-10k | 171.5 (6.75) | 19.1 (0.75) | 38.1 (1.5) | 95.3 (3.75) | 77.2 (3.04) | 38.1 (1.5) | 18.8 (0.74) | 38.1 (1.5) | 40.0 (1.57) | 19.8 (0.78) | 19.8 (0.78) | 3/4-16UNF |




- Shielded, 4 conductor cable
- Cable diameter: 0.2in
- Standard cable length: 20ft
- Shield not connected to the element

# Coti CG-745 SST Single Ended Shear Beam

SESB Stainless Steel Environmentally Sealed Load Cell

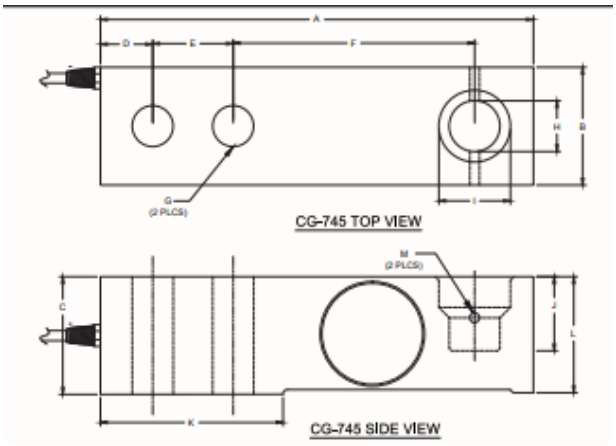
## Specifications

**Rated Output:** 2.00 mV/V
**Safe Overload:** 150% FS
**Excitation Voltage:** 10~20 (VDC)
**Input Resistance:** 385 ± 10 ohms
**Output Resistance:** 350 ± 3 ohms
**Non-Linearity:** ±.03% FS
**Hysteresis:** ±.02% FS
**Repeatability:** ±.01% FS
**Creep (30 min):** ±.02% FS

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmental IP67
**Cable Length:** 30 ft



## Outline Dimension mm (inch)




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M |
| 500LB-4K | 5.25 | 1.21 | 1.19 | 0.63 | 1.00 | 3.00 | 0.51 | 0.63 | 0.89 | 0.69 | 2.27 | 1.18 | 0.12 |
| 5K | 5.38 | 1.46 | 1.46 | 0.65 | 1.00 | 3.00 | 0.51 | 0.63 | 0.89 | 0.92 | 2.27 | 1.44 | 0.12 |
| 10K | 6.75 | 1.69 | 1.69 | 0.75 | 1.50 | 3.75 | 0.78 | 0.89 | 1.38 | 1.07 | 2.91 | 1.67 | 0.12 |

Input:
+ Excitation Green
- Excitation Black

Output;
+ Sig White
- Sig Red

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 813-500098 | 500 | CG-745-500 SST SESB NTEP LOAD CELL |
| 813-500093 | 1.25K | CG-745-1.25K SST SESB NTEP LOAD CELL |
| 813-500090 | 2.5K | CG-745-2.5K SST SESB NTEP LOAD CELL |
| 813-500097 | 4K | CG-745-4K SST SESB NTEP LOAD CELL |
| 813-500096 | 5K | CG-745-5K SST SESB NTEP LOAD CELL |
| 813-500095 | 10K | CG-745-10K SST SESB NTEP LOAD CELL |
| 100-96342 | | CG-745 SST 1.25” ROCKER PIN (1k-5k RPS PLATFORMS) |
| 100-97423 | | CG-745 SST 1.5” ROCKER PIN (10k RPS PLATFORMS) |

***Bold italicized part number denotes not commonly stocked.***

# ZEMIC B8D Single Ended Shear Beam

SESB, Stainless Steel Load Cell

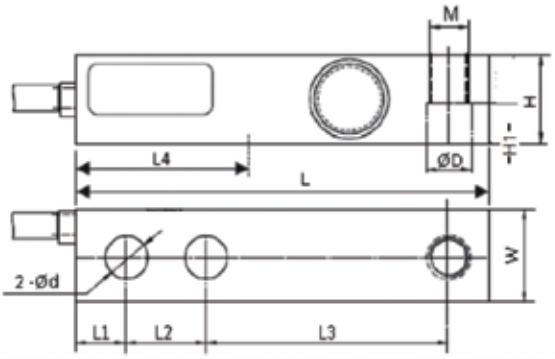
## Specifications

**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0±0.008 mV/V
**Input Resistance:** 350 ± 3.5 ohms
**Output Resistance:** 350 ± 3.5 ohms
**Insulation Resistance:** ≥5000 (50VDC)

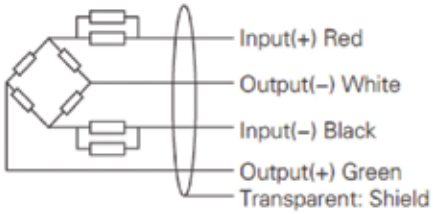
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 31°F to 158°F / -31°C to 70°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full Scale
**Ultimate Overload:** 300% Full Scale
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension mm (inch)




| Dimension Capacity | L | L1 | L2 | L3 | L4 | H | H1 | W | W1 | D | d | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250-5KSE | 130.0 (5.12) | 15.8 (0.62) | 25.4 (1.0) | 76.2 (3.0) | 54.2 (2.13) | 31.8 (1.25) | 15.8 (0.62) | 31.8 (1.25) | 34.0 (1.34) | 13.5 (0.53) | 13.5 (0.53) | 1/2-20UNF |
| 5k-10k | 171.5 (6.75) | 19.1 (0.75) | 38.1 (1.5) | 95.3 (3.75) | 77.2 (3.04) | 38.1 (1.5) | 18.8 (0.74) | 38.1 (1.5) | 40.0 (1.57) | 19.8 (0.78) | 19.8 (0.78) | 3/4-16UNF |




- Shielded, 4 conductor cable
- Cable diameter: 0.2in
- Standard cable length: 20ft
- Shield not connected to the element

**Interchangeable Products** | Revere M9123, Tedea 3410, Celtron SQB, Sensortronics 65023

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 813-100123 | 250 | B8D-N5-250-6YB (non NTEP) |
| 813-100124 | 500 | B8D-N5-500-6YB |
| ***813-100125*** | ***750*** | ***B8D-N5-750-6YB*** |
| 813-100126 | 1K | B8D-N5-1K-6YB |
| 813-100127 | 1.5K | B8D-N5-1.5K-6YB |
| 813-100128 | 2K | B8D-N5-2K-6YB |
| 813-100129 | 2.5K | B8D-N5-2.5K-6YB |
| ***813-100130*** | ***3K*** | ***B8D-N5-3K-6YB*** |
| 813-100131 | 4K | B8D-N5-4K-6YB |
| 813-100132 | 5KSE | B8D-N5-5KSE-6YB |
| 813-100133 | 5KLE | B8D-N5-5K-6YB |
| ***813-100134*** | ***7.5K*** | ***B8D-N5-7.5K-6YB*** |
| 813-100135 | 10K | B8D-N5-10K-6YB |

# ZEMIC H8C Single Ended Shear Beam

SESB, Alloy Steel Load Cell

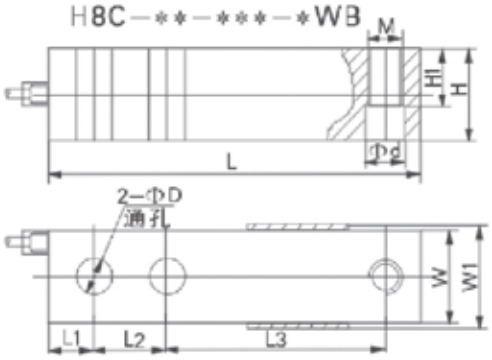
## Specifications

**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0 ± 0.008 mV/V
**Input Resistance:** 350 ± 3.5 ohms
**Output Resistance:** 350 ± 3.5 ohms
**Insulation Resistance:** ≥5000 (50VDC)

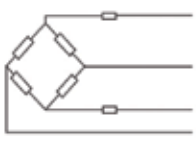
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension mm (inch)




| Dimension Capacity | L | L1 | L2 | L3 | L4 | H | H1 | W | W1 | D | d | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250-5KSE | 130.0 (5.12) | 15.8 (0.62) | 25.4 (1.0) | 76.2 (3.0) | 54.2 (2.13) | 31.8 (1.25) | 15.8 (0.62) | 31.8 (1.25) | 34.0 (1.34) | 13.5 (0.53) | 13.5 (0.53) | 1/2-20UNF |
| 5K-10K | 171.5 (6.75) | 19.1 (0.75) | 38.1 (1.5) | 95.3 (3.75) | 77.2 (3.04) | 38.1 (1.5) | 18.8 (0.74) | 38.1 (1.5) | 40.0 (1.57) | 19.8 (0.78) | 19.8 (0.78) | 3/4-16UNF |
| 20K | 222.3 (8.75) | 25.4 (1.0) | 50.8 (2.0) | 120.7 (4.75) | 101.6 (4) | 50.8 (2.0) | 25.4 (1.0) | 50.8 (2) | 52.4 (2.06) | 26.9 (1.06) | 26.0 (1.02) | 1-14UNF |




- Shielded, 4 conductor cable
- Cable diameter: Ø0.2in
- Shield not connected to element
- Standard cable length: 20ft

**Interchangeable Products** | Revere 5123, HBM B35, Tedea 3420/3421, Celtron SQB, Sensortronics 65023, Coti CG-23, Artech 30310, Rice Lake RL35023/39123, Totalcomp TSB, Transcell SBS

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 813-100136 | 250 | H8C-N5-250-6YWB-SC |
| 813-100137 | 500 | H8C-N5-500-6YWB-SC |
| ***813-100138*** | ***750*** | ***H8C-N5-750-6YWB-SC*** |
| 813-100139 | 1K | H8C-N5-1.0K-6YWB-SC |
| 813-100164 | 1K | H8C-N5-1.0K-3YWB-SC - 10' |
| 813-100140 | 1.5K | H8C-N5-1.5K-6YWB-SC |
| 813-100141 | 2K | H8C-N5-2.0K-6YWB-SC |
| 813-100142 | 2.5K | H8C-N5-2.5K-6YWB-SC |
| ***813-100143*** | ***3K*** | ***H8C-N5-3.0K-6YWB-SC*** |
| 813-100144 | 4K | H8C-N5-4.0K-6YWB-SC |
| 813-100145 | 5KSE | H8C-N5-5KSE-6YWB-SC |
| 813-100146 | 5KLE | H8C-N5-5.0K-6YWB-SC |
| ***813-100147*** | ***7.5K*** | ***H8C-N5-7.5K-6YWB-SC*** |
| 813-100148 | 10K | H8C-N5-10K-6YWB-SC |
| 813-100149 | 15K | H8C-N5-15K-6YWB-SC-M1 |
| 813-100150 | 20K | H8C-N5-20K-6YWB-SC-M1 |

# Sensortronics 65023 Single Ended Shear Beam

FM APPROVED

SESB, Nickle Plated Steel Load Cell

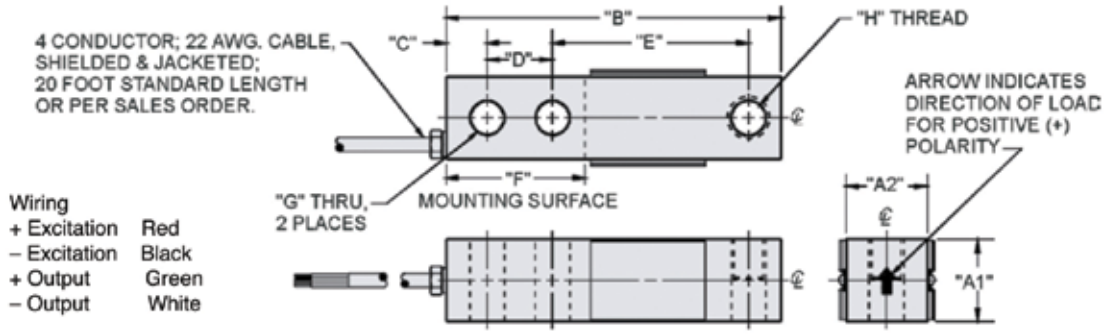
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 343 - 357 ohms
**Output Resistance:** 349 - 355 ohms
**Material/Finish:** Nickel plated steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 10 ft and 20 ft available



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 250–500 lbs | 1.00 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.50 DP C'BORE | 0.013 | 1.7 |
| 1–4k | 1.25 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.62 DP C'BORE | 0.017–0.025 | 4.0 |
| 5k–10k | 1.50 | 1.50 | 6.75 | 0.75 | 1.50 | 3.75 | 3.00 | 0.78 | 3/4-16 UNF-2B, Ø0.78 x 0.75 DP C'BORE | 0.025–0.035 | 6.5 |
| 15k–20k | 2.00 | 2.00 | 8.88 | 1.00 | 2.00 | 4.88 | 4.00 | 1.03 | 1"-14 UNF-2B, Ø1.03 x 1.00 DP C'BORE | 0.048–0.063 | 9.0 |

**Interchangeable Products** | Revere 5123, RLWS RL35023, Celtron SQB Zemic H8C

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 813-100090 | 250 | 65023-250L-NC-01F-0107 (10' cable) |
| 813-100091 | 500 | 65023-500L-NC-01F-0107 (10' cable) |
| 813-100017 | 250 | 65023-250L-NC-00F-0107 (20' cable) |
| 813-100018 | 500 | 65023-500L-NC-08F-0107 (20' cable) |
| 813-100074 | 15K | 65023-015E-NC-02F-0107 (20' cable) |
| 813-100016 | 20K | 65023-020E-NC-00F-0107 (20' cable) |

***Bold italicized part number denotes not commonly stocked.***

# Sensortronics 65023A Single Ended Shear Beam

SESB, Nickle Plated Steel Load Cell

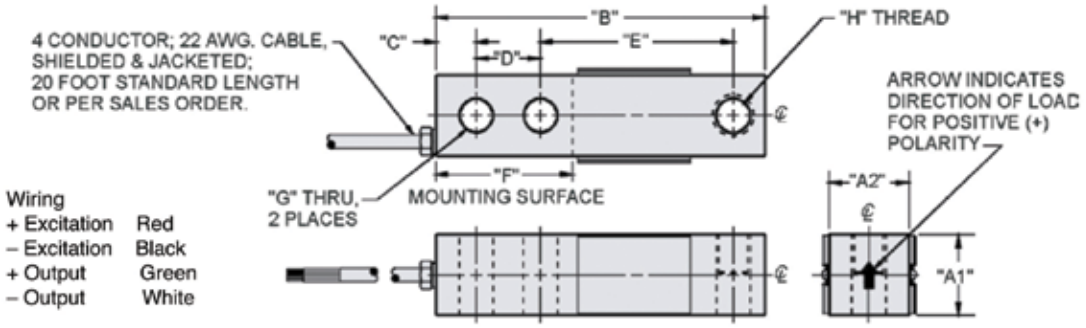
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 343 - 357 ohms
**Output Resistance:** 349 - 355 ohms
**Material/Finish:** Nickel plated steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 10 ft and 20 ft available



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 250–500 lbs | 1.00 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.50 DP C'BORE | 0.013 | 1.7 |
| 1-5k SE | 1.25 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.62 DP C'BORE | 0.017–0.025 | 4.0 |
| 5k–10k | 1.50 | 1.50 | 6.75 | 0.75 | 1.50 | 3.75 | 3.00 | 0.78 | 3/4-16 UNF-2B, Ø0.78 x 0.75 DP C'BORE | 0.025–0.035 | 6.5 |

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 813-100092 | 1K | 65023-001E-A5-15F-5107 (10' cable) |
| 813-100094 | 4K | 65023-004E-A5-01F-5107 (10' cable) (standard 4 sq) |
| 813-100020 | 1K | 65023-001E-A5-14F-5107 (20' cable) |
| 813-100093 | 2.5K | 65023-02E5-A5-02F-5107 (10' cable) |
| 813-100021 | 2.5K | 65023-02E5-A5-01F-5107 (20' cable) |
| 813-100023 | 4K | 65023-004E-A5-00F-5107 (20' cable) |
| 813-100025 | 5K | 65023-005E-A5-03F-5223 (20' cable) SE |
| 813-100024 | 5K | 65023-005E-A5-16F-5107 (20' cable) LE |
| 813-100019 | 10K | 65023-010E-A5-00F-5107 (20' cable) |

# Sensortronics 65023S Single Ended Shear Beam

SESB, Stainless Steel Load Cell

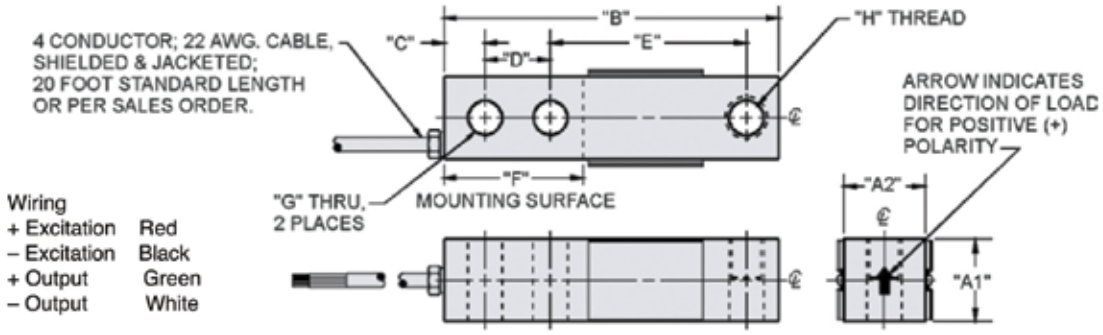
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 343 - 357 ohms
**Output Resistance:** 349 - 355 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 250–500 lbs | 1.00 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.50 DP C'BORE | 0.013 | 1.7 |
| 1–5k SE | 1.25 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.62 DP C'BORE | 0.017–0.025 | 4.0 |
| 5k–10k | 1.50 | 1.50 | 6.75 | 0.75 | 1.50 | 3.75 | 3.00 | 0.78 | 3/4-16 UNF-2B, Ø0.78 x 0.75 DP C'BORE | 0.025–0.035 | 6.5 |
| 15k–20k | 2.00 | 2.00 | 8.88 | 1.00 | 2.00 | 4.88 | 4.00 | 1.03 | 1"-14 UNF-2B, Ø1.03 x 1.00 DP C'BORE | 0.048–0.063 | 9.0 |

**Interchangeable Products** | RLWS RL35023S

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 813-100027 | 1K | 65023-001E-A5-10F-5113 |
| 813-100029 | 2.5K | 65023-02E5-A5-08F-5113 |
| 813-100031 | 4K | 65023-004E-A5-04F-5113 |
| 813-100070 | 5K | 65023-005E-A5-11F-5225 SE |
| 813-100069 | 5K | 65023-005E-A5-10F-5113 LE |
| 813-100026 | 10K | 65023-010E-A5-04F5113 |
| 813-100030 | 20K | 65023-020E-NC-02F-0113 (non |

# Sensortronics 65083S Single Shear Beam

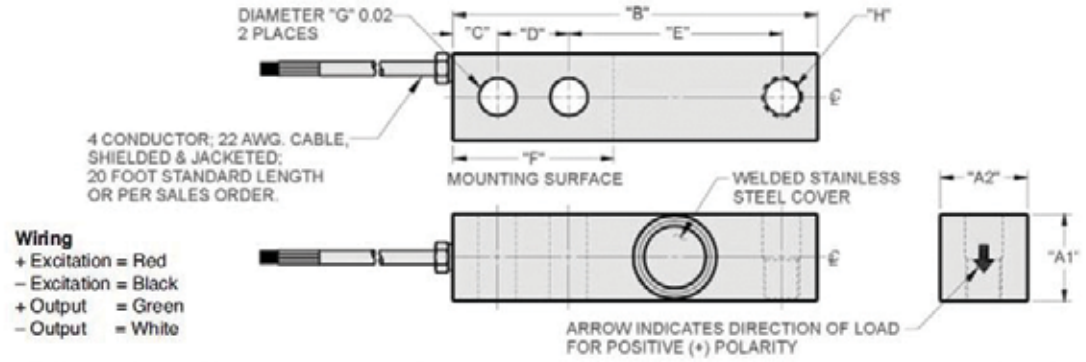
SESB, Stainless Steel Weld Seal

## Specifications

**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 343 - 357 ohms
**Output Resistance:** 349 - 355 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Welded gage cover - IP68 and IP69
**Cable Length:** 20 ft Teflon jacketed cable



## Outline Dimension inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1k–4k | 1.22 | 1.22 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.61 DEEP C'BORE | 0.008–0.026 | 4.0 |
| 5k–SE | 1.22 | 1.22 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.61 DEEP C'BORE | 0.008–0.026 | 4.0 |
| 5k–10k | 1.50 | 1.50 | 6.75 | 0.75 | 1.50 | 3.75 | 3.00 | 0.78 | 3/4-16 UNF-2B, Ø0.78 x 0.75 DEEP C'BORE | 0.030–0.055 | 6.5 |

**Interchangeable Products** | Rice Lake RL35082

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 813-500006 | 1K | 65083-001E-A5-01F-5100 Teflon Cable |
| 813-500007 | 2.5K | 65083-02E5-A5-01F-5100 Teflon Cable |
| 813-500008 | 4K | 65083-004E-A5-01F-5100 Teflon Cable |
| 813-500109 | 5K | 65083-005E-NC-05X-5100 Teflon Cable |
| 813-500021 | 5K | 65083-005E-A5-09F-5100 LE Teflon Cable |
| 813-500005 | 10K | 65083-010E-A5-01F-5100 Teflon Cable |

# Sensortronics 65083S-5000H Single Shear Beam

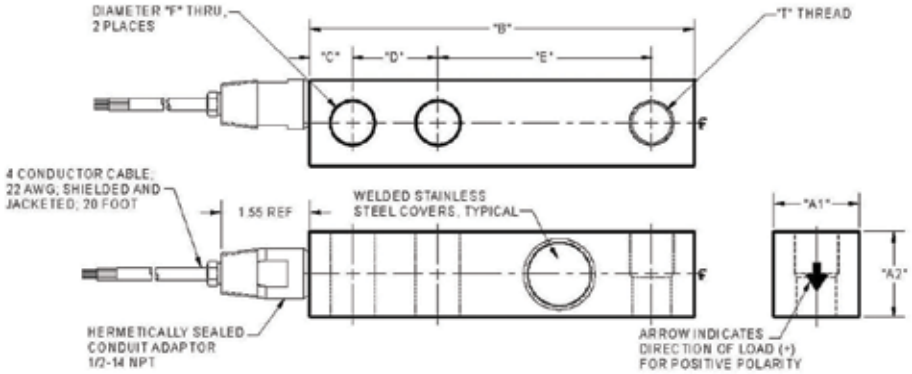
SESB, Stainless Steel Hermetic Load Cell

## Specifications

**Full Scale Output:** 2.0 mV/V
**Input Resistance:** 343 - 357 ohms
**Output Resistance:** 349 - 355 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Hermetically Sealed - IP68
**Cable Length:** 20 ft with conduit adapter



## Outline Dimension in inches (mm)




**WIRING**

| FUNCTION | COLOR |
|---|---|
| + Excitation | Red |
| – Excitation | Black |
| + Output | Green |
| – Output | White |

| CAPACITY | A1 | A2 | B | C | D | E | F | G-Thread | Deflection | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 1K - 4K | 1.22 (31.0) | 1.22 (31.0) | 5.12 (130.0) | 0.62 (16.0) | 1.00 (25.0) | 3.00 (76.0) | 0.53 (13.0) | 1/2-20 UNF-2B, .53 x .61 DP C' BORE (M12x1.75-6H) | 0.012 (.305) | 2.4 (1.1) |
| 5K-SE* | 1.22 (31.0) | 1.22 (31.0) | 5.12 (130.0) | 0.62 (16.0) | 1.00 (25.0) | 3.00 (76.0) | 0.53 (13.0) | 1/2-20 UNF-2B, .53 x .61 DP C' BORE (M12x1.75-6H) | 0.012 (.305) | 2.4 (1.1) |
| 5K-LE | 1.50 (38.0) | 1.50 (38.0) | 6.75 (171.0) | 0.75 (19.0) | 1.50 (38.0) | 3.75 (95.0) | 0.78 (20.0) | 3/4-16 UNF-2B, .78 x .75 DP C' BORE (M20x2.5-6H) | 0.030 (0.762) | 3.9 (1.8) |

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 813-500031 | 1K | 65083-001E-A5-00F-5000H |
| 813-500030 | 2.5K | 65083-02E5-A5-00F-5000H |
| 813-500009 | 4K | 65083-004E-A5-00F-5000H |
| 813-500022 | 5K | 65083-005E-A5-00X-5000H-SE |
| 813-500004 | 5K | 65083-005E-A5-08F-5000H-LE |

# Revere 5123 Single Ended Shear Beam

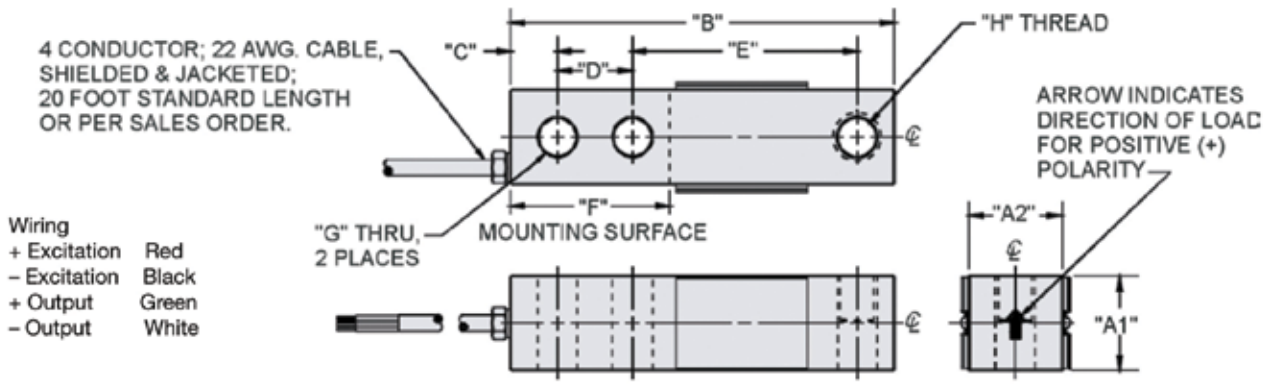
SESB, Alloy Steel Load Cell

## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 350 ohms
**Output Resistance:** 352 ohms
**Material/Finish:** Alloy steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.025% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| CAPACITY | $A_1$ | $A_2$ | B | C | D | E | F | G | H | DEFLECTION | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1k–4k lbs. | 1.25 | 1.25 | 5.12 | 0.62 | 1.00 | 3.00 | 2.25 | 0.53 | 1/2-20 UNF-2B, Ø0.53 x 0.62 DP C'BORE | 0.017 - 0.025 | 4.0 |
| 5k–10k lbs. | 1.50 | 1.50 | 6.75 | 0.75 | 1.50 | 3.75 | 3.00 | 0.78 | 3/4-16 UNF-2B, Ø0.78 x 0.75 DP C'BORE | 0.025 - 0.035 | 6.5 |

**Interchangeable Products** | Rice Lake RL30000, Tedea 3411, Artech 30310, Zemic H8C

## Order Information

| B-TEK Part No. | Capacity | VPG Part No. |
|---|---|---|
| 813-100009 | 1K | 05123-001E-A5-01X |
| 813-100010 | 2.5K | 05123-02E5-A5-01X |
| 813-100011 | 4K | 05123-004E-A5-01X |
| 813-100012 | 5K | 05123-005E-A5-00X |
| 813-100008 | 10K | 505123-010E-A5-00X |

# Revere 9123 Single Ended Shear Beam

SESB, Stainless Steel Load Cell

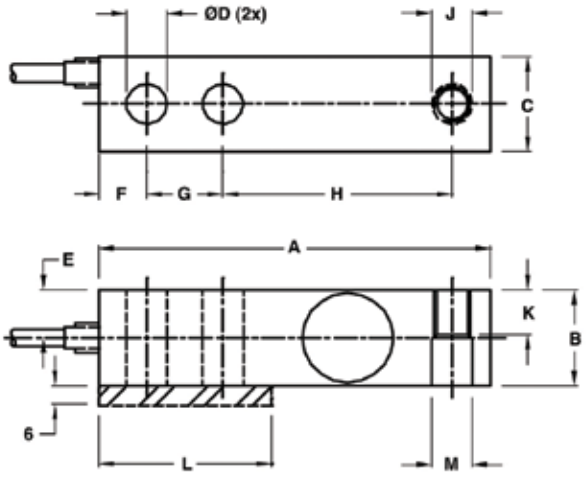
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 385 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| Capacity | Dimensions in inches | | |
|---|---|---|---|
| | 1k–4k | 5k–15k | 20k |
| A | 5.12 | 6.75 | 8.75 |
| B | 1.23 | 1.45 | 1.95 |
| C | 1.23 | 1.45 | 1.95 |
| ØD | 0.53 | 0.78 | 1.06 |
| E | 0.62 | 0.72 | 0.98 |
| F | 0.62 | 0.75 | 1.00 |
| G | 1.00 | 1.50 | 2.00 |
| H | 3.00 | 3.75 | 4.75 |
| J | ½-20UNF-2B | ¾-16UNF-2B | 1-12UNF-2B |
| K | 0.62 | 0.75 | 0.98 |
| L | 2.25 | 3.12 | 4.00 |
| ØM | 0.53 | 0.78 | 1.030 |

| | |
|---|---|
| + Excitation | Red |
| - Excitation | Black |
| + Output | Green |
| - Output | White |
| Shield | Transparent |

Cable screen is not connected to load cell body. Performance may be affected if load cell cables are shortened.

**Interchangeable Products** | Rice Lake RL39123, HBM B35, Zemic B8D

## Order Information

| B-TEK Part No. | Capacity | VPG Part No. |
|---|---|---|
| 813-100151 | 250 | 09123-250L-A5-00X |
| 813-100051 | 500 | 09123-500L-A5-00X |
| 813-100050 | 1K | 09123-001E-A5-00X |
| 813-100046 | 2.5K | 09123-02E5-A5-00X |
| 813-100047 | 4K | 09123-004E-A5-00X |
| 813-100049 | 5K | 09123-005E-A5-00X |
| 813-100048 | 5K | 09123-005E-A5-01X |
| 813-100044 | 10K | 09123-010E-A5-A5X |
| 813-100152 | 15K | 09123-015E-A5-00X |
| 813-100095 | 20K | 09123-020E-A5-00X(1-12 UNF) |

# Celtron SQB Single Ended Shear Beam

SESB, Alloy Steel Load Cell

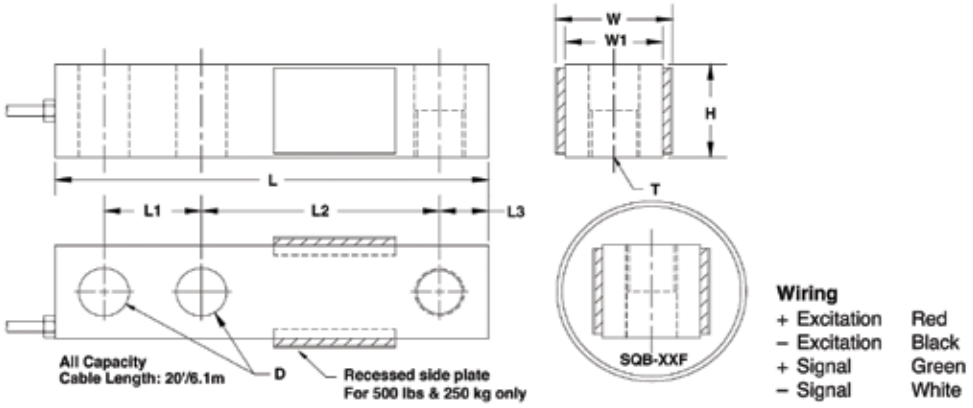
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 385 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Alloy steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 140°F / -20°C to 60°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| Capacity | L | L1 | L2 | L3 | W | W1 | H | D | T |
|---|---|---|---|---|---|---|---|---|---|
| 500 lbs | 5.12 | 1.00 | 3.00 | .50 | 1.25 | 1.25 | 1.00 | .53 | 1/2-20UNF |
| 1k/2k/2.5k/3k/4k/5kSE lbs | 5.12 | 1.00 | 3.00 | .50 | 1.50 | 1.25 | 1.25 | .53 | 1/2-20UNF |
| 5kLE/10k lbs | 6.75 | 1.50 | 3.75 | .75 | 1.74 | 1.50 | 1.50 | .78 | 3/4-16UNF |

**Interchangeable Products** | Rice Lake RL35023, Sensortronics 65023, Zemic H8C

## Order Information

| B-TEK Part No. | Capacity | Celtron Part No. |
|---|---|---|
| 813-100153 | 500 | SQB-500L-G0-00F |
| 813-100088 | 1K | SQB-001E-A5-00F |
| 813-100154 | 2K | SQB-002E-A5-00F |
| 813-100078 | 2.5K | SQB-02E5-A5-00F |
| 813-100122 | 3K | SQB-003E-A5-00F |
| 813-100155 | 4K | SQB-004E-A5-00F |
| 813-100079 | 5K | SQBS-005E-A5-11F SE |
| 813-100156 | 5K | SQB-005E-A5-00F LE |
| 813-500060 | 10K | SQB-010E-A5-00F |

# Celtron SQB Single Ended Shear Beam

SESB, Stainless Steel Welded Load Cell

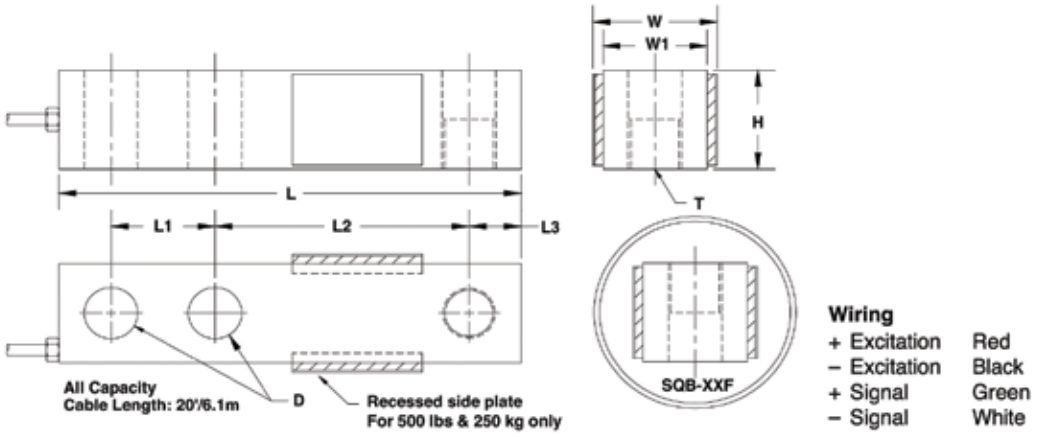
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 385 ohms
**Output Resistance:** 350 ohms
**Material/Finish:** Stainless steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 140°F / -20°C to 60°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance:** >5000 megohms
**Seal Type:** Welded seal - IP67
**Cable Length:** 20 ft



## Outline Dimension in inches




| Capacity | L | L1 | L2 | L3 | W | W1 | H | D | T |
|---|---|---|---|---|---|---|---|---|---|
| 500 lbs | 5.12 | 1.00 | 3.00 | .50 | 1.25 | 1.25 | 1.00 | .53 | 1/2-20UNF |
| 1k/2k/2.5k/3k/4k/5kSE lbs | 5.12 | 1.00 | 3.00 | .50 | 1.50 | 1.25 | 1.25 | .53 | 1/2-20UNF |
| 5kLE/10k lbs | 6.75 | 1.50 | 3.75 | .75 | 1.74 | 1.50 | 1.50 | .78 | 3/4-16UNF |

**Interchangeable Products** | Zemic B8D

## Order Information

| B-TEK Part No. | Capacity | Celtron Part No. |
|---|---|---|
| 813-100157 | 1K | SQB-001E-A5-09F |
| 813-100158 | 2K | SQB-002E-A5-08F |
| 813-100159 | 2.5K | SQB-02E5-A5-16F |
| 813-100160 | 4K | SQB-004E-A5-09F |
| 813-100161 | 5K | SQBS-005E-A5-22F SE |
| 813-100162 | 5K | SQB-005E-A5-08F LE |
| 813-100163 | 10K | SQB-010E-A5-07F |

**Notes:**

# Double Ended Shear Beams

B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

**48** Zemic **51** Sensortronics **57** Revere **61** Coti

**Notes:**

# ZEMIC B9C Double Ended Shear Beam

DESB, Stainless Steel Load Cell

## Specifications

**Max No. of Verification Intervals:** 5000/10000 Nmax

**Min Load Cell Verification Intervals:** Class III/IIIL Vmin

**Output Sensitivity:** 3.0 ± 0.008 mV/V

**Input Resistance:** 700 ± 7 ohms

**Output Resistance:** 703 ± 4 ohms

**Insulation Resistance:** ≥5000 (50VDC)

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C

**Excitation, Recommended:** 5~12V (DC)

**Excitation, Max:** 18V (DC)

**Safe Overload:** 150% Full Scale

**Ultimate Overload:** 300% Full Scale

**Seal Type:** Environmentally sealed - IP67

**Cable Length:** 30 ft

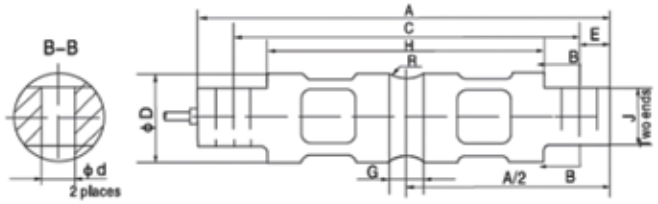


**Small capacity cell**

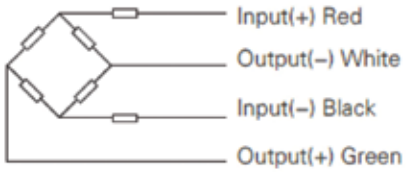


**Large capacity cell**

## Outline Dimension mm (inch)




| Dimension Capacity | A | C | H | G | ØD | J | Ød | R | E |
|---|---|---|---|---|---|---|---|---|---|
| 5Klb, 10Klb | 206.2 (8.12) | 174.6 (6.88) | 133.1 (5.24) | 15.7 (0.62) | 43.2 (1.7) | 28.4 (1.12) | 16.7 (0.66) | R12.7 (0.5) | 15.7 (0.62) |
| 15Klb, 20Klb | 206.2 (8.12) | 174.6 (6.88) | 133.1 (5.24) | 21.3 (0.84) | 49.5 (1.95) | 28.4 (1.12) | 16.7 (0.66) | R12.7 (0.5) | 15.7 (0.62) |
| 30Klb, 75Klb | 260.4 (10.25) | 215.9 (8.5) | 165.1 (6.5) | 25.4 (1.0) | 76.2 (3.0) | 60.2 (2.37) | 26.9 (1.06) | R25.4 (1.0) | 22.4 (0.88) |
| 90Klb, 100Klb | 285.8 (11.25) | 241.3 (9.5) | 190.2 (7.49) | 31.0 (1.22) | 88.9 (3.5) | 63.5 (2.5) | 26.9 (1.06) | R38.1 (1.5) | 22.4 (0.88) |
| 150Klb | 285.8 (11.25) | 241.3 (9.5) | 190.2 (7.49) | 31.0 (1.22) | 99.1 (3.9) | 71.1 (2.80) | 26.9 (1.06) | R38.1 (1.5) | 22.4 (0.88) |
| 200Klb, 250Klb | 408.9 (16.1) | 330.2 (13.0) | 254.0 (10.0) | 31.7 (1.25) | 136.6 (5.38) | 116.8 (4.6) | 39.6 (1.56) | R50.8 (2.0) | 39.4 (1.55) |




- Shielded, 4 conductor cable
- Standard cable length: 30ft
- Shield not connected to element

**Interchangeable Products** | Revere 9103, Coti CG-5103-SSW, Rice Lake RL7100HE

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 812-100182 | 5K | B9C-N3-5K-9B |
| 812-100183 | 10K | B9C-N10-10K-9B |
| 812-100184 | 20K | B9C-N10-20K-9B |
| 812-100185 | 30K | B9C-N10-30K-9B |
| 812-100186 | 40K | B9C-N10-40K-9B |
| 812-100187 | 50K | B9C-N10-50K-9B |
| 812-100188 | 60K | B9C-N10-60K-9B |
| 812-100189 | 75K | B9C-N10-75K-9B |
| ***812-100190*** | ***90K*** | ***B9C-N10-90K-9B*** |
| 812-100191 | 100K | B9C-N10-100K-9B |
| ***812-100192*** | ***150K*** | ***B9C-N3-150K-9B*** |
| ***812-100193*** | ***200K*** | ***B9C-N3-200K-9B*** |
| ***812-100194*** | ***250K*** | ***B9C-N3-250K-9B*** |

***Bold italicized part number denotes not commonly stocked.***

# ZEMIC H9C Double Ended Shear Beam

DESB Nickel Plated Alloy Steel Load Cell

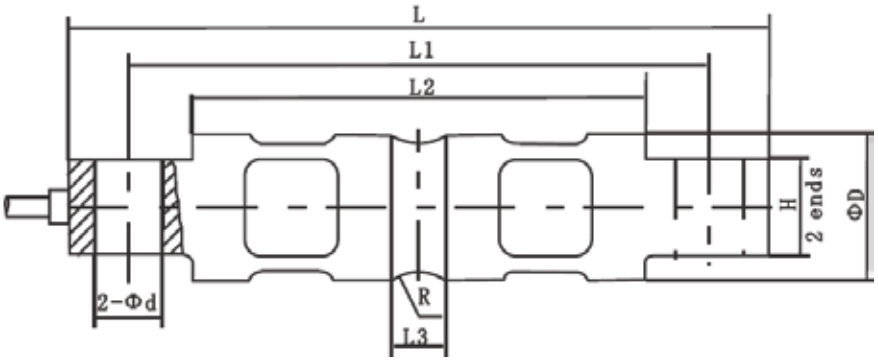
## Specifications

**Max No. of Verification Intervals:**
**10000 Nmax**
**Min Load Cell Verification Intervals:** Class III/IIIV Vmin
**Output Sensitivity:** 3.0 ± 0.008 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 703 ± 4 ohms
**Insulation Resistance:** ≥5000 (50VDC)

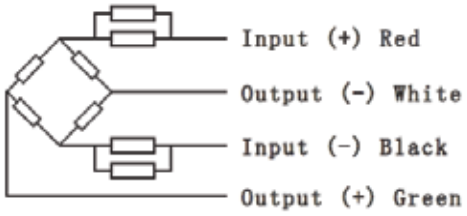
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Excitation, Recommended:** 5~12V (VDC)
**Excitation, Max:** 18V (VDC)
**Safe Overload:** 150% Full Scale
**Ultimate Overload:** 300% Full Scale
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 30 ft



## Outline Dimension mm (inch)




| Dimension / Capacity (Klb) | L | L1 | L2 | L3 | ΦD | H | Φd | R |
|---|---|---|---|---|---|---|---|---|
| 5~10 | 206.2 (8.12) | 174.6 (6.88) | 133.1 (5.24) | 15.7 (0.62) | Φ43.2 (1.7) | 28.4 (1.12) | Φ16.7 (0.66) | R12.7 (0.5) |
| 20 | 206.2 (8.12) | 174.6 (6.88) | 133.1 (5.24) | 21.3 (0.84) | Φ49.5 (1.95) | 28.4 (1.12) | Φ16.7 (0.66) | R12.7 (0.5) |
| 30~75 | 260.4 (10.25) | 215.9 (8.5) | 165.1 (6.5) | 25.4 (1.0) | Φ76.2 (3.0) | 60.2 (2.37) | Φ26.9 (1.06) | R25.4 (1.0) |
| 100 | 285.8 (11.25) | 241.3 (9.5) | 190.2 (7.49) | 31.0 (1.22) | Φ88.9 (3.5) | 63.5 (2.5) | Φ26.9 (1.06) | R38.1 (1.5) |
| 150 | 285.8 (11.25) | 241.3 (9.5) | 190.2 (7.49) | 31.0 (1.22) | Φ99.1 (3.9) | 71.1 (2.8) | Φ26.9 (1.06) | R38.1 (1.5) |
| 200~250 | 408.9 (16.1) | 330.3 (13.01) | 254.0 (10.01) | 31.7 (1.25) | Φ136.6 (5.38) | 116.8 (4.6) | Φ39.6 (1.56) | R50.8 (2.0) |




- Shielded, 4 conductor cable
- Cable diameter: 5k-20k: 0.2in
  30k-250k: 0.3in
- Standard cable length: 9m
- Shield not connected to element

**Interchangeable Products** | VPG 5103, Coti CG-5103, Artech 70210, RL70000, Mettler SLD430

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 812-100278 | 5K | H9C-N10-5K-9.3B |
| 812-100279 | 10K | H9C-N10-10K-9.3B |
| 812-100280 | 20K | H9C-N10-20K-9.3B |
| 812-100277 | 30K | H9C-N10-30K-9.3B |
| 812-100274 | 40K | H9C-N10-40K-9.3B |
| 812-100181 | 50K | H9C-N10-50K-9.3B |
| 812-100182 | 60K | H9C-N10-60K-9.3B |
| 812-100183 | 75K | H9C-N10-75K-9.3B |
| ***812-100184*** | ***100K*** | ***H9C-N10-100K-9.3B*** |

***Bold italicized part number denotes not commonly stocked.***

# ZEMIC H9D Double Ended Shear Beam

DESB, Nickle Plated Alloy Steel Load Cell

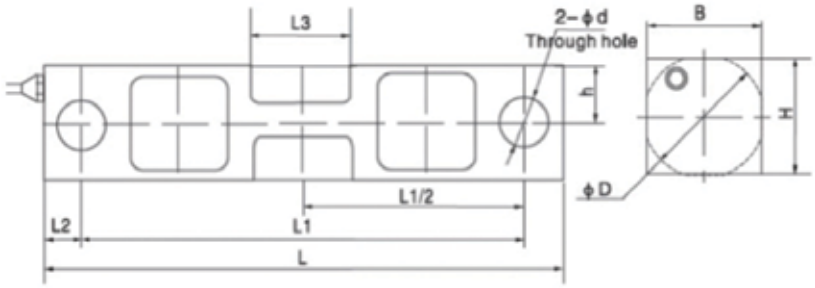
## Specifications

**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0 ± 0.008 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 703 ± 4 ohms
**Insulation Resistance:** ≥5000 (50VDC)

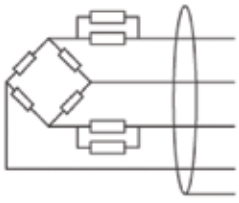
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Seal Type:** Environmentally sealed - IP67
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Cable Length:** 20 ft



## Outline Dimension mm (inch)




| Dimension Capacity | L | L1 | L2 | H | h | B | ØD | Ød |
|---|---|---|---|---|---|---|---|---|
| 1Klb-5Klb | 190.5 (7.5) | 158.75 (6.25) | 15.9 (0.63) | 30.99 (1.22) | 16.76 (0.66) | 30.99 (1.22) | 31.5 (1.24) | 12.7 (0.5) |
| 10Klb-35Klb | 222.25 (8.75) | 190.5 (7.5) | 15.9 (0.63) | 49.15 (1.94) | 24.58 (12.67) | 36.45 (1.44) | 50.8 (2.0) | 20.57 (0.81) |
| 50Klb-75Klb | 342.9 (13.5) | 292.1 (11.5) | 25.4 (1.0) | 74.68 (2.94) | 37.37 (1.47) | 61.98 (2.44) | 75.95 (2.99) | 33.32 (1.31) |




- Shielded, 4 conductor cable
- Cable Diameter: Ø0.2in
- Standard cable length: 20ft
- Shield not connected to element

**Interchangeable Products** | Revere 5203, Celtron DSR, Sensortronics 65016, Coti CG-16, Artech 70510, Rice Lake RL75016, Vishay DSR

## Order Information

| B-TEK Part No. | Capacity |
|---|---|
| 812-100285 | 1K |
| 812-100286 | 1.5K |
| 812-100287 | 2K |
| 812-100288 | 2.5K |
| 812-100289 | 4K |
| 812-100290 | 5K |
| 812-100291 | 10K |
| 812-100292 | 15K |
| 812-100293 | 20K |
| 812-100294 | 25K |
| 812-100295 | 35K |
| 812-100296 | 50K |
| 812-100297 | 75K |

***Bold italicized part number denotes not commonly stocked.***

# ZEMIC HM9E Double Ended Link

DESB, Nickle Plated Alloy Steel Load Cell

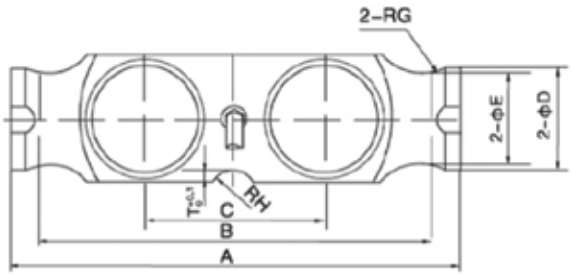
## Specifications

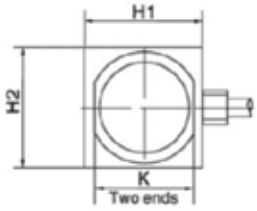
**Max No. of Verification Intervals:**
5000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0 ± 0.003 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 703 ± 4 ohms
**Insulation Resistance:** ≥5000 (50VDC)

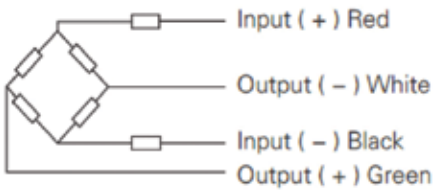
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Seal Type:** Hermetically welded - IP68
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Cable Length:** 40 ft



## Outline Dimension mm (inch)




| Dimension Capacity | A | B | C | ØD | E | RG | RH | T | H1 | H2 | K |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50Klb~125Klb | 260.5 (10.26) | 215.9 (8.5) | 101.6 (4.0) | 61 (2.40) | 52.32 (2.06) | 25.4 (1.0) | 25.4 (1.0) | 7 (0.28) | 76 (2.99) | 76.2 (3.0) | 55.9 (2.2) |
| 200Klb | 304.8 (12.0) | 254 (10.0) | 111.8 (4.40) | 70 (2.76) | 56.69 (2.23) | 38.1 (1.5) | 38.1 (1.5) | 10 (0.39) | 86.1 (3.39) | 86.36 (3.4) | 63.5 (2.5) |

- Shielded, 4 conductor cable
- Cable diameter: 0.31in
- Standard cable length: 40ft
- Shield not connected to the element

**Interchangeable Products** | Revere 5223, Celtron HED, Sensortronics 65040-1127W, Coti CG-5223, Artech 80210, Rice Lake RL75223, Thurman TSC800

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 812-500012 | 50K | HM9E-N10-50K-12B |
| 812-500013 | 65K | HM9E-N10-65K-12B |
| 812-500014 | 100K | HM9E-N10-100K-12B |
| ***812-500015*** | ***125K*** | ***HM9E-N10-125K-12B*** |
| ***812-500016*** | ***200K*** | ***HM9E-N10-200K-12B*** |

***Bold italicized part number denotes not commonly stocked.***

# ZEMIC H9N Double Ended Link Shear Beam

DESB, Alloy Steel Load Cell

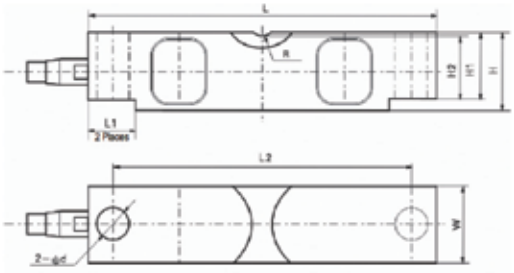
## Specifications

**Max No. of Verification Intervals:**
3000/10000 Nmax
**Min Load Cell Verification Intervals:**
Class III/IIIL Vmin
**Output Sensitivity:** 3.0±0.003 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 703 ± 4 ohms
**Insulation Resistance:** ≥5000 (50VDC)

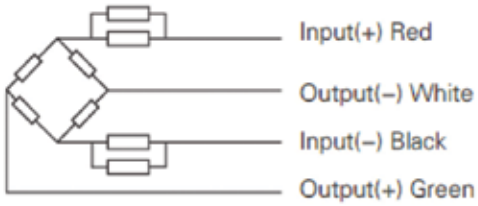
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -31°F to 158°F / -35°C to 70°C
**Seal Type:** Environmentally sealed - IP67
**Excitation, Recommended:** 5~12V (DC)
**Excitation, Max:** 18V (DC)
**Safe Overload:** 150% Full scale
**Ultimate Overload:** 300% Full scale
**Cable Length:** 30 ft



## Outline Dimension mm (inch)




| Dimension Capacity | L | L1 | L2 | H | H1 | H2 | Ød | W | R |
|---|---|---|---|---|---|---|---|---|---|
| 25Klb | 197 (7.75) | 35 (1.38) | 165 (6.5) | 49.3 (1.94) | 43.2 (1.7) | 41.4 (1.63) | Ø17.3 (0.68) | 43 (1.7) | R19.1 (0.75) |
| 40Klb | 260.4 (10.25) | 49 (1.93) | 216 (8.5) | 62 (2.44) | 53.3 (2.1) | 50.8 (2.0) | Ø20.6 (0.81) | 49.3 (1.9) | R25.4 (1.0) |
| 50~75Klb | 260.4 (10.25) | 49 (1.93) | 216 (8.5) | 74.7 (2.94) | 67.3 (2.65) | 64.5 (2.54) | Ø26.9 (1.06) | 62 (2.44) | R25.4 (1.0) |
| 100~125Klb | 387.4 (15.25) | 79.5 (3.13) | 324 (12.76) | 98 (3.86) | 87.1 (3.43) | 83.8 (3.3) | Ø41.2 (1.62) | 73.7 (2.9) | R38.1 (1.5) |
| 150~200Klb | 489 (19.25) | 127.8 (5.03) | 387.4 (15.25) | 147.3 (5.8) | 130.1 (5.12) | 112.8 (4.44) | Ø41.2 (1.62) | 96.5 (3.8) | R50.8 (2.0) |




- Shielded, 4 conductor cable
- Cable type and length for customer's own application are available on request
- Shield connected to body

**Interchangeable Products** | Celtron DLB, Sensortronics 65058, Coti CG-58, Rice Lake RL75058, Vishay CLB

## Order Information

| B-TEK Part No. | Capacity | Zemic Part No. |
|---|---|---|
| 812-100208 | 25K | H9N-N10-25K-9B |
| 812-100209 | 40K | H9N-N10-40K-9B |
| 812-100210 | 50K | H9N-N10-50K-9B |
| 812-100211 | 60K | H9N-N10-60K-9B |
| 812-100212 | 75K | H9N-N10-75K-9B |
| 812-100263 | 75K | H9N-N10-75K-18B (60' cable length) |
| 812-100264 | 75K | H9N-N10-75K-18SF-D08 (60' SST braided cable length) |
| 812-100213 | 100K | H9N-N10-100K-9B |
| ***812-100214*** | ***125K*** | ***H9N-N10-125K-9B*** |
| ***812-100215*** | ***150K*** | ***H9N-N10-150K-9B*** |
| ***812-100216*** | ***200K*** | ***H9N-N10-200K-9B*** |

***Bold italicized part number denotes not commonly stocked.***

# Sensortronics 65016 Double Ended Shear Beam

DESB, Nickel Plated Alloy Steel Load Cell

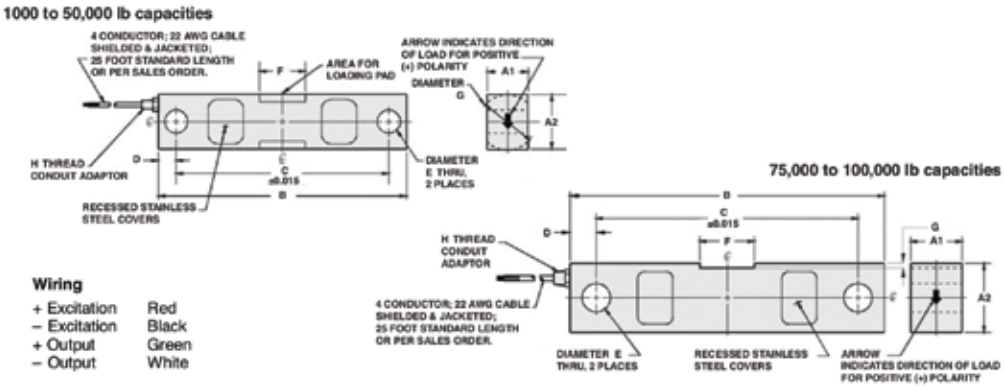
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ± 14 ohms
**Output Resistance:** 703 ± 4 ohms
**Material/Finish:** Nickel Plated Alloy Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 15V DC (25V max)

**Combined Error:** 0.03% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 25 ft



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|---|
| 1k–5k | 1.25 | 1.25 | 7.50 | 6.25 | 0.62 | 0.50 | 1.22 | 1.25 | 1/4-18NPT |
| 10k–25k | 1.44 | 1.94 | 8.75 | 7.50 | 0.62 | 0.81 | 1.62 | 1.99 | 1/4-18NPT |
| 35k | 1.50 | 2.50 | 8.75 | 7.50 | 0.62 | 0.81 | 1.62 | 2.50 | 1/4-18NPT |
| 50k | 2.44 | 2.94 | 13.50 | 11.50 | 1.00 | 1.31 | 3.25 | 2.99 | 1/2-14NPT |
| 75k | 2.44 | 2.94 | 13.50 | 11.50 | 1.00 | 1.31 | 3.12 | 0.18 | 1/2-14NPT |

**Interchangeable Products** | Rice Lake RL75016, Celtron DSR, Revere 5203

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100252 | 1K | 65016-001E-NC-00F |
| 812-100253 | 1.5K | 65016-01E5-NC-00F |
| 812-100254 | 2.5K | 65016-02E5-NC-01F |
| 812-100255 | 5K | 65016-005E-NC-00F |
| 812-100256 | 10K | 65016-010E-NC-00F |
| 812-100257 | 15K | 65016-015E-NC-00F |
| 812-100258 | 20K | 65016-020E-NC-00F |
| 812-100259 | 25K | 65016-025E-NC-00F |
| 812-100260 | 35K | 65016-035E-NC-00F |
| 812-100261 | 50K | 65016-050E-NC-00F |
| 812-100262 | 75K | 65016-075E-NC-00F |

# Sensortronics 65016-0104W Double Ended Shear Beam

FM APPROVED

DESB, Stainless Steel Welded Load Cell

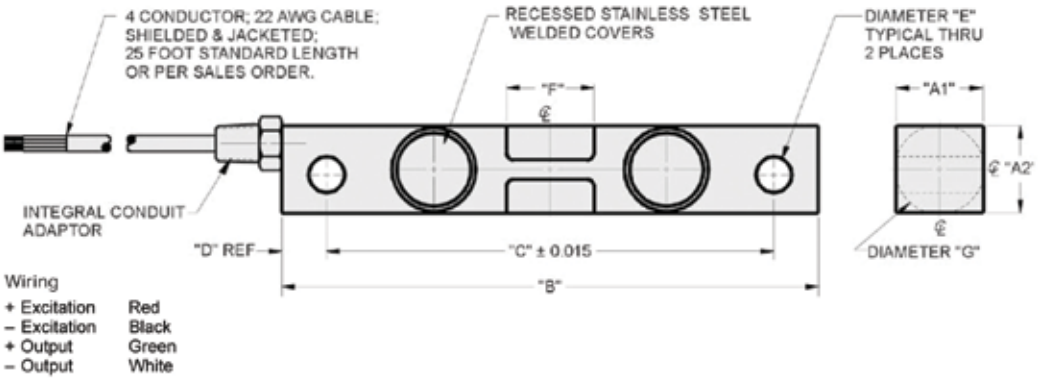
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ± 14 ohms
**Output Resistance:** 703 ± 4 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (25V max)

**Combined Error:** 0.03% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Welded seal - IP67
**Cable Length:** 25 ft



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | THREAD |
|---|---|---|---|---|---|---|---|---|---|
| 1k–5k | 1.22 | 1.22 | 7.50 | 6.25 | 0.62 | 0.50 | 1.12 | 1.25 | 1/4-18NPT |
| 10k–25k | 1.44 | 1.94 | 8.75 | 7.50 | 0.62 | 0.81 | 1.62 | 1.99 | 1/4-18NPT |
| 35k | 1.44 | 2.44 | 8.75 | 7.50 | 0.62 | 0.81 | 1.62 | 2.50 | 1/4-18NPT |
| 50k–75k | 2.44 | 2.94 | 13.50 | 11.50 | 1.00 | 1.31 | 3.25 | 2.99 | 1/2-14NPT |

**Interchangeable Products** | Revere 5203 / 9203, RLWS RL75016 SS, Rice Lake RL75016W, Celtron DSR-HSS

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100029 | 1K | 65016-001E-NC-01F-0104W |
| 812-100018 | 1.5K | 65016-01E5-NC-01F-0104W |
| 812-100022 | 2K | 65016-002E-NC-01F-0104W |
| 812-100019 | 2.5K | 65016-02E5-NC-02F-0104W |
| 812-100026 | 5K | 65016-005E-NC-01F-0104W |
| 812-500004 | 10K | 65016-010E-NC-01F-0104W |
| 812-500005 | 15K | 65016-015E-NC-01F-0104W |
| 812-100020 | 20K | 65016-020E-NC-01F-0104W |
| 812-100030 | 25K | 65016-025E-NC-01F-0104W |
| 812-100031 | 50K | 65016-050E-NC-01F-0104W |
| 812-100076 | 75K | 65016-075E-NC-01F-0104W |

# Sensortronics 65058A Double Ended

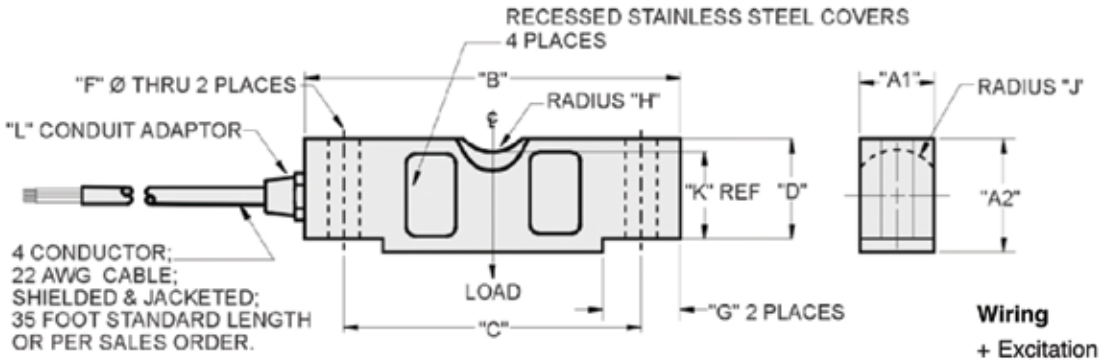
DESB, Alloy Steel Load Cell

## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ohms
**Output Resistance:** 700 ohms
**Material/Finish:** Alloy Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (25V max)
**Combined Error:** 0.03% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 35 ft



## Outline Dimension in inches




**Wiring**

| | |
|---|---|
| + Excitation | Red |
| – Excitation | Black |
| + Output | Green |
| – Output | White |

| CAPACITY | A1 | A2 | B | C | D | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10k–25k | 1.69 | 1.94 | 7.75 | 6.50 | 1.70 | 0.68 | 1.38 | 0.75 | 0.90 | 1.63 | 1/4 - 18 NPT |
| 40k–50k SE | 1.94 | 2.44 | 10.25 | 8.50 | 2.10 | 0.81 | 1.93 | 1.00 | 1.12 | 2.00 | 1/4 - 18 NPT |
| 50k–75k | 2.44 | 2.94 | 10.25 | 8.50 | 2.65 | 1.06 | 1.93 | 1.00 | 1.37 | 2.54 | 1/2 - 14 NPT |
| 100k–125k | 2.90 | 3.86 | 15.25 | 12.75 | 3.43 | 1.62 | 3.13 | 1.50 | 1.80 | 3.30 | 1/2 - 14 NPT |

**Interchangeable Products** | Rice Lake RL75058, Celtron CLB, Zemic H9N

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100220 | 20K | 65058-020E-B1-00X-1000 |
| 812-100221 | 25K | 65058-025E-B1-00X-1000 |
| 812-100222 | 40K | 65058-040E-B1-03X-1000 |
| 812-100223 | 50K | 65058-050E-A1-04X-1127 SE |
| 812-100035 | 50K | 65058-050E-A1-02X-1000 LE |
| 812-100224 | 60K | 65058-060E-A1-07X-1000 |
| 812-100225 | 75K | 65058-075E-A1-04X-1000 |
| 812-100226 | 100K | 65058-100E-A1-00X-1000 |
| 812-100227 | 125K | 65058-125E-A1-00X-1000 |

***Bold italicized part number denotes not commonly stocked.***

# Sensortronics 65058S-1000W Double Ended

DESB, Stainless Steel Welded Load Cell

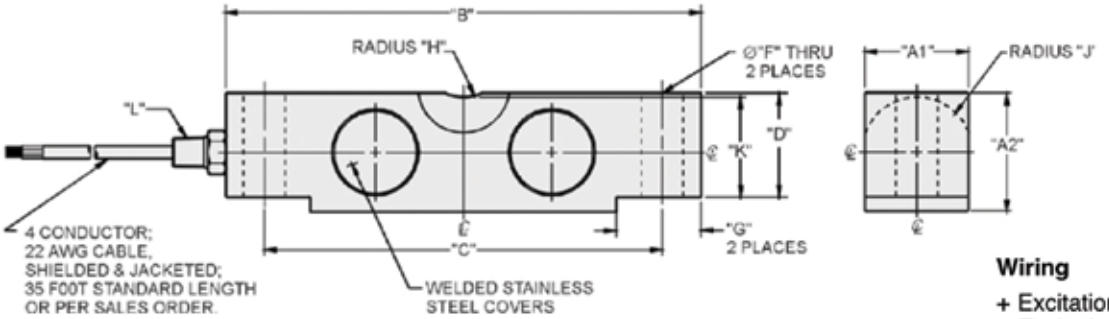
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 686 - 714 ohms
**Output Resistance:** 699 - 707 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (25V max)

**Combined Error:** 0.03% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Welded seal - IP67
**Cable Length:** 35 ft



## Outline Dimension in inches




**Wiring**

| | |
|---|---|
| + Excitation | Red |
| – Excitation | Black |
| + Output | Green |
| – Output | White |

| CAPACITY | A1 | A2 | B | C | D | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10k–25k | 1.69 | 1.94 | 7.75 | 6.50 | 1.70 | 0.68 | 1.38 | 0.75 | 0.90 | 1.63 | 1/4-18 NPT |
| 40k | 1.94 | 2.44 | 10.25 | 8.50 | 2.10 | 0.81 | 1.93 | 1.00 | 1.12 | 2.00 | 1/4-18 NPT |
| 50k–75k | 2.44 | 2.94 | 10.25 | 8.50 | 2.65 | 1.06 | 1.93 | 1.00 | 1.37 | 2.54 | 1/2-14 NPT |
| 100k | 2.44 | 3.44 | 10.25 | 8.50 | 2.65 | 1.06 | 1.93 | 1.00 | 1.37 | 2.54 | 1/2-14 NPT |

**Interchangeable Products** | Rice Lake RL75060S

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100228 | 20K | 65058-020E-B1-03X-1000W |
| 812-100229 | 25K | 65058-025E-A1-06X-1000W |
| 812-100230 | 40K | 65058-040E-B1-00F-1000W |
| 812-100231 | 50K | 65058-050E-A1-08X-1000W |
| 812-100232 | 60K | 65058-060E-A1-02X-1000W |
| 812-100233 | 75K | 65058-075E-A1-11X-1000W |

# Sensortronics 65040A Double Ended

DESB, Alloy Steel Load Cell

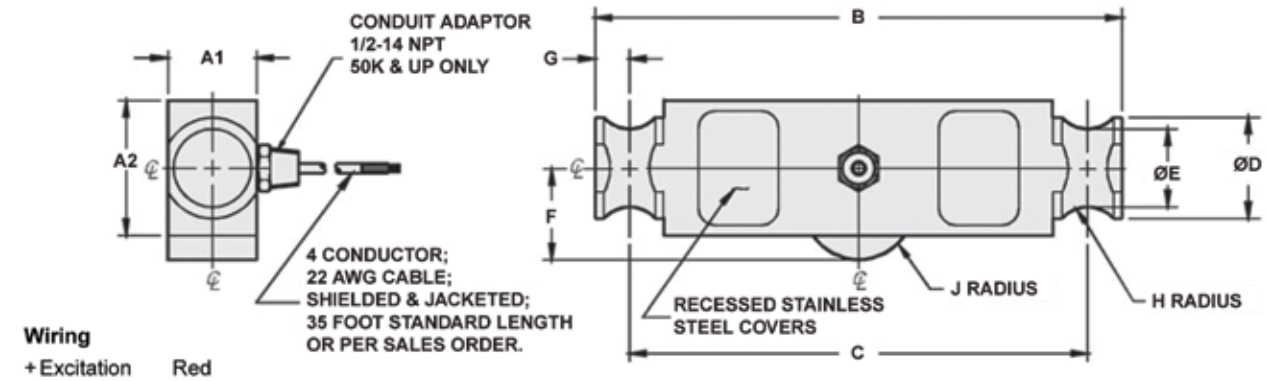
## Specifications

**NTEP:** 1:10,000
**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 686 ohms
**Output Resistance:** 700 ohms
**Material/Finish:** Alloy Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale

**Rated Excitation:** 10V DC (15V max)
**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** >1000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 35 ft



## Outline Dimension in inches




**Wiring**

| | |
|---|---|
| + Excitation | Red |
| - Excitation | Black |
| + Output | Green |
| - Output | White |

| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | J |
|---|---|---|---|---|---|---|---|---|---|---|
| 25K - 40K | 1.94 | 2.44 | 8.25 | 7.25 | 2.0 | 1.63 | 1.75 | 0.50 | 0.50 | 0.50 |
| 50K - 75K | 1.94 | 2.94 | 11.50 | 10.00 | 2.2 | 1.70 | 2.00 | 0.75 | 0.75 | 1.00 |
| 100K - 125K | 2.90 | 3.86 | 14.50 | 12.50 | 3.2 | 2.44 | 2.75 | 1.00 | 1.00 | 1.50 |

**Interchangeable Products** | Rice Lake RL75040, Thurman TSC 840, Celtron DLB, Coti CG-BE40

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100105 | 25K | 65040-025E-B1-00F-1000 |
| 812-100033 | 40K | 65040-040E-B1-00F-1000 |
| 812-100251 | 50K SE | 65040-050E-B1-06F-1141 |
| 812-100101 | 50K LE | 65040-050E-B1-00F-1000 |
| 812-100034 | 60K | 65040-060E-B1-00F-1000 |
| 812-100235 | 75K | 65040-075E-B1-00F-1000 |
| 812-100062 | 100K | 65040A100K-1000 |
| ***812-100236*** | ***125K*** | ***65040-125E-B1-00F-1000*** |

***Bold italicized part number denotes not commonly stocked.***

# Sensortronics 65040S-1000W Double Ended

DESB, Stainless Steel Welded Load Cell

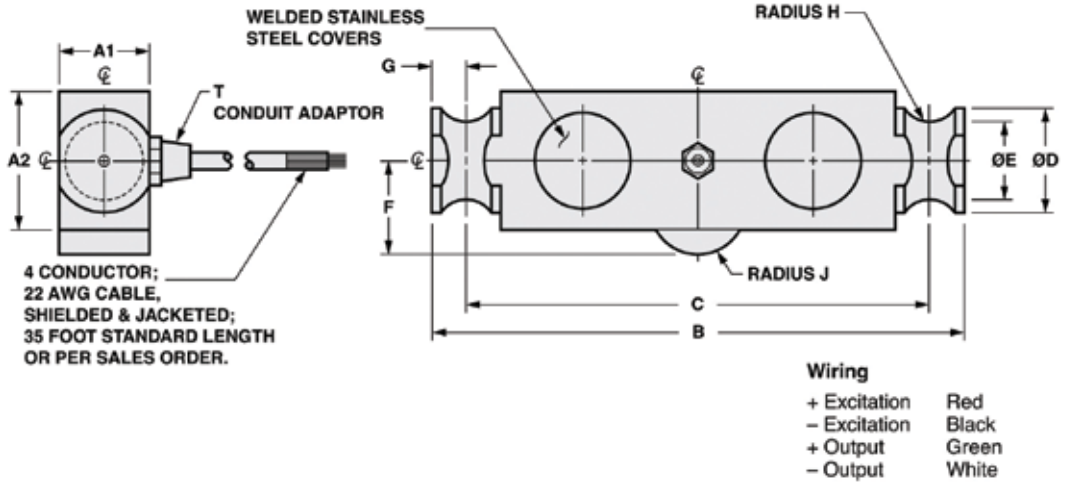
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 686 - 714 ohms
**Output Resistance:** 699 - 707 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 0°F to 150°F / -18°C to 65°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Nonlinearity:** 0.03% Full scale
**Hysteresis:** 0.02% Full scale
**Insulation Resistance:** ≥5000 megohms
**Seal Type:** Welded seal - IP68
**Cable Length:** 35 ft



## Outline Dimension in inches




| CAPACITY | A1 | A2 | B | C | D | E | F | G | H | J | T-THREAD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25k–40k | 1.94 | 2.44 | 8.25 | 7.25 | 2.0 | 1.63 | 1.75 | 0.50 | 0.50 | 0.50 | 1/4-18NPT |
| 50k–75k | 1.94 | 2.94 | 11.50 | 10.00 | 2.2 | 1.70 | 2.00 | 0.75 | 0.75 | 1.00 | 1/2-14NPT |

## Order Information

| B-TEK Part No. | Capacity | Sensortronics Part No. |
|---|---|---|
| 812-100237 | 25K | 65040-025E-B1-02F-1000W |
| 812-100238 | 40K | 65040-040E-B1-11F-1000W |
| 812-100239 | 50K | 65040-050E-B1-11F-1000W |
| 812-100240 | 60K | 65040-060E-B1-05F-1000W |
| 812-100241 | 75K | 65040-075E-B1-03F-1000W |

# Revere 5223 Double Ended Link Shear Beam

DESB, Alloy Steel Load Cell

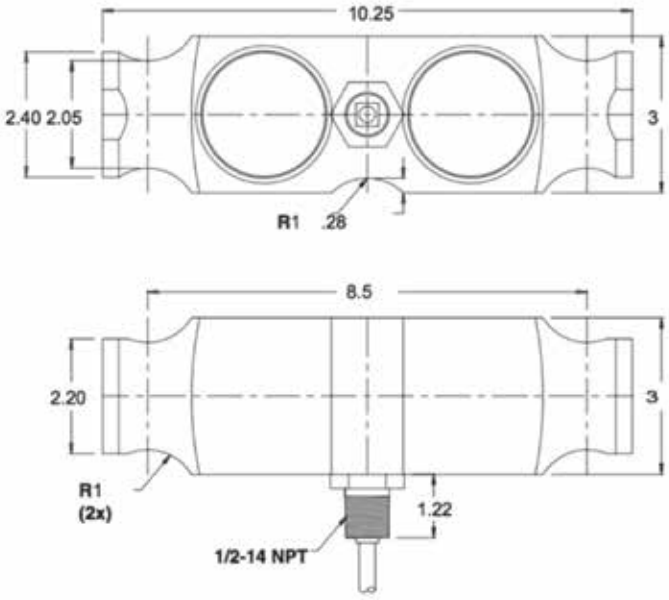
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 700 ± 7 ohms
**Material/Finish:** Nickel Plated Alloy Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance** >5000 megohms
**Seal Type:** Welded covers, environmentally sealed - IP67
**Cable Protection:** Metal braided sheath (B-TEK Standard)
**Cable Length:** 40 ft



## Outline Dimension in inches




*Cable specifications:*

Cable length: 40 ft

| | |
|---|---|
| Excitation + | Red |
| Excitation - | Black |
| Output + | Green |
| Output - | White |
| Shield | Transparent |

Cable screen is not connected to load cell body. Performance may be affected if load cell cables are shortened.

**Interchangeable Products** | Rice Lake RL75223, Thurman TSC800, Zemic HM9E, Artech 80210

## Order Information

| B-TEK Part No. | Capacity | VPN Part No. |
|---|---|---|
| 812-500002 | 50K | 05223-050E-B1-03F |
| 812-500003 | 65K | 05223-065E-B1-03F |
| 812-500001 | 100K | 05223-100E-B1-03F |

# Revere 9223 Double Ended Link Shear Beam

DESB, Stainless Steel Load Cell

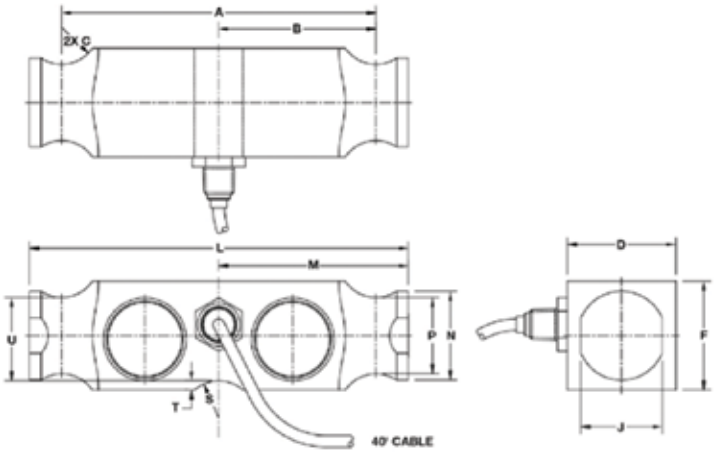
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 700 ± 7 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -65°F to 200°F / -93°C to 53°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.02% Full scale
**Insulation Resistance** >5000 megohms
**Seal Type:** Hermetically sealed - IP68
**Cable Length:** 40 ft



## Outline Dimension in inches




**Cable specifications:**
Cable length: 40 feet

| | | |
|---|---|---|
| + | Excitation | Red |
| – | Excitation | Black |
| + | Output | Green |
| – | Output | White |
| | Shield | Transparent |

Cable screen is not connected to load cell body. Performance may be affected if load cell cables are shortened.

| CAPACITY (lbs) | 50k, 65k, 100k |
|---|---|
| A | 8.50 |
| B | 4.25 |
| C RAD | 1.00 |
| D | 2.94 |
| F | 2.94 |
| J | 2.20 |
| L | 10.25 |
| M | 5.13 |
| N | 2.40 |
| P | 2.06 |
| S RAD | 1.00 |
| T | 0.25 |
| U | 2.25 |

## Order Information

| B-TEK Part No. | Capacity | VPN Part No. |
|---|---|---|
| 812-100156 | 50K | 9223-B10-50K-40F1R |
| 812-100157 | 65K | 9223-B10-65K-40F1R |
| 812-100051 | 100K | 9223-B10-100K40F1R |

# Revere 5103 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

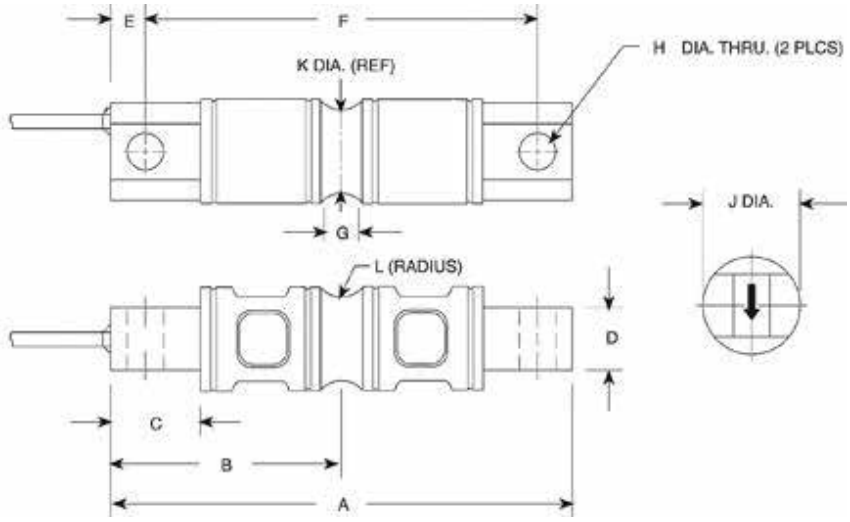
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 700 ± 7 ohms
**Output Resistance:** 700 ± 7 ohms
**Material/Finish:** Nickel Plated Alloy Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 150% Full scale

**Rated Excitation:** 10V DC (15V max)
**Combined Error:** 0.025% Full scale
**Insulation Resistance** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 5K-20K 20 ft, 30K-75K 30 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5000-10,000 | 8.12 | 4.06 | 1.44 | 1.12 | .62 | 6.87 | .62 | .65 | 1.70 | 1.48 | .50 |
| 20,000 | 8.12 | 4.06 | 1.44 | 1.12 | .62 | 6.87 | .84 | .65 | 1.95 | 1.48 | .50 |
| 30,000-75,000 | 10.25 | 5.12 | 1.88 | 2.37 | .88 | 8.50 | 1.00 | 1.06 | 3.00 | 2.73 | 1.00 |

**Interchangeable Products** | Rice Lake 70000, Coti CG-5103

## Order Information

| B-TEK Part No. | Capacity | VPN Part No. |
|---|---|---|
| 812-100006 | 5K | 05103-005E-B1-02X |
| 812-100002 | 10K | 05103-010E-B1-01X |
| 812-100003 | 20K | 05103-020E-B1-03X |
| 812-100004 | 30K | 05103-030E-B1-01X |
| 812-100005 | 40K | 05103-040E-B1-02X |
| 812-100059 | 50K | 05103-040E-B1-02X |
| 812-100102 | 60K | 05103-060E-B1-01X |
| 812-100217 | 75K | 05103-075E-B1-01X |
| 812-100001 | 100K | 05103-100E-B1-02X |

# Revere 9103 Double Ended Shear Beam

DESB, Stainless Steel Load Cell

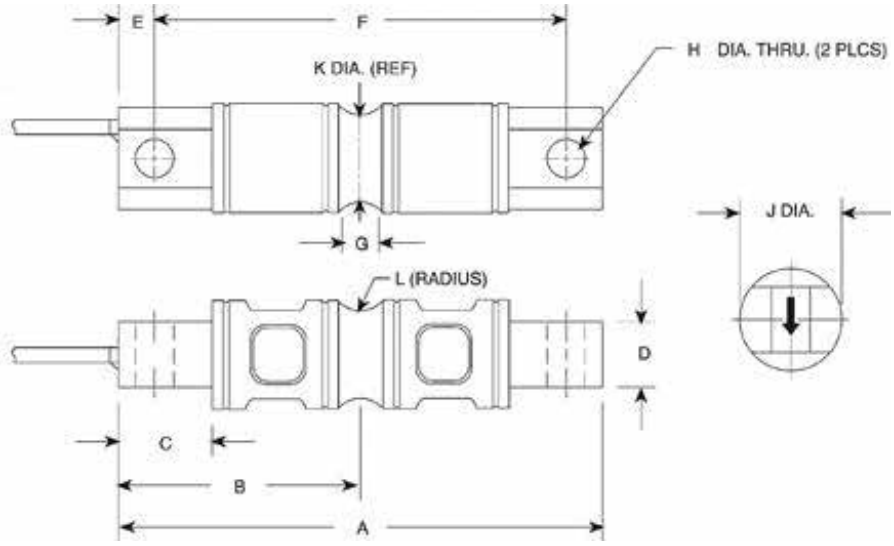
## Specifications

**Full Scale Output:** 3.0 mV/V
**Input Resistance:** 880 ± 80 ohms
**Output Resistance:** 700 ± 7 ohms
**Material/Finish:** Stainless Steel
**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -40°F to 176°F / -40°C to 80°C
**Safe Overload:** 150% Full scale
**Rated Excitation:** 10V DC (15V max)

**Combined Error:** 0.03% Full scale
**Insulation Resistance** ≥5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 10K - 20K 20 ft, 30K+ 30 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5000-10,000 | 8.12 | 4.06 | 1.44 | 1.12 | .62 | 6.88 | .62 | .66 | 1.70 | 1.48 | .50 |
| 20,000 | 8.12 | 4.06 | 1.44 | 1.12 | .62 | 6.88 | .84 | .66 | 1.95 | 1.48 | .50 |
| 30,000-60,000 | 10.25 | 5.12 | 1.88 | 2.37 | .88 | 8.50 | 1.00 | 1.06 | 3.00 | 2.73 | 1.00 |
| 100,000 | 11.25 | 5.62 | 1.88 | 2.50 | .88 | 9.50 | 1.00 | 1.06 | 3.50 | 3.24 | 1.50 |

**Interchangeable Products** | Rice Lake RL70000SS, Rice Lake RL71000HE, Zemic B9C

## Order Information

| B-TEK Part No. | Capacity | VPN Part No. |
|---|---|---|
| 812-100037 | 10K | 09103-010E-B1-01F |
| 812-100038 | 20K | 09103-020E-B1-01F |
| 812-100080 | 30K | 09103-030E-B1-01F |
| 812-100218 | 40K | 09103-040E-B1-01F |
| 812-100081 | 50K | 09103-050E-B1-01F |
| 812-100219 | 60K | 09103-060E-B1-01F |
| ***812-100169*** | ***100K*** | ***09103-100E-B1-04F*** |

***Bold italicized part number denotes not commonly stocked.***

# Coti CG-16 SSW Double Ended Shear Beam

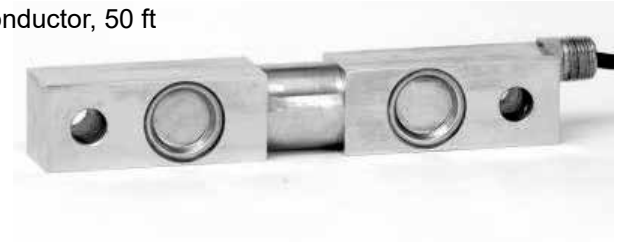
DESB, Stainless Steel Welded Load Cell

FM APPROVED

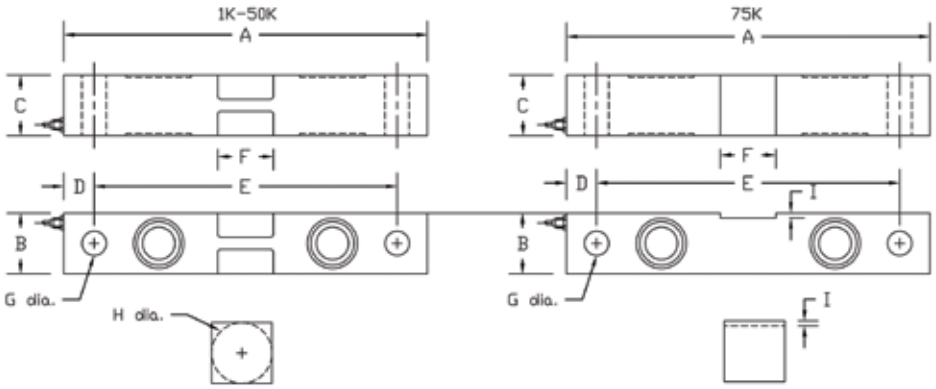
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full Scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 Ohms
**Output Resistance:** 700 ± 5 Ohms
**Non-linearity:** ± 0.03% Full Scale
**Hysteresis:** ± 0.02% Full Scale
**Repeatability:** ± 0.01% Full Scale
**Creep:** ± 0.02% Full Scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Welded seal - IP67
**Cable Length:** 4 conductor, 50 ft



## Outline Dimension in inches




| Capacity | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1K-5K | 7.50 | 1.25 | 1.25 | 0.62 | 6.25 | 1.15 | 0.50 | 1.25 | - |
| 10K-25K | 8.75 | 1.94 | 1.44 | 0.62 | 7.50 | 2.00 | 0.81 | 2.00 | - |
| 35K | 8.75 | 2.50 | 1.50 | 0.62 | 7.50 | 2.00 | 0.81 | 2.50 | - |
| 50K | 13.50 | 2.94 | 2.44 | 1.00 | 11.50 | 3.25 | 1.31 | 3.00 | - |
| 75K | 13.50 | 2.94 | 2.44 | 1.00 | 11.50 | 3.25 | 1.31 | - | 0.17 |

**Load Cell Wiring:**
Green: +EXC
Black: -EXC
White: +SIG
Red: -SIG
Braided/Yellow: Shield

**Interchangeable Products** | Celtron DSR HSS, Revere 9203, Rice Lake RL75016SS, Rice Lake RL 75016WHE, Sensortronics 65016W, Sensortronics 65016WH

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100170 | 1K | CG-16-SSW-1K w/Weld Cover |
| 812-100171 | 1.5K | CG-16-SSW-1.5K w/Weld Cover |
| 812-100172 | 2K | CG-16-SSW-2K w/Weld Cover |
| 812-100132 | 2.5K | CG-16-SSW-2.5K w/Weld Cover |
| 812-100174 | 5K | CG-16-SSW-5K w/Weld Cover |
| 812-100175 | 10K | CG-16-SSW-10K w/Weld Cover |
| 812-100176 | 15K | CG-16-SSW-15K w/Weld Cover |
| 812-100177 | 20K | CG-16-SSW-20K w/Weld Cover |
| 812-100178 | 25K | CG-16-SSW-25K w/Weld Cover |
| 812-100180 | 50K | CG-16-SSW-50K w/Weld Cover |
| 812-100181 | 75K | CG-16-SSW-75K w/Weld Cover |

***Bold italicized part number denotes not commonly stocked.***

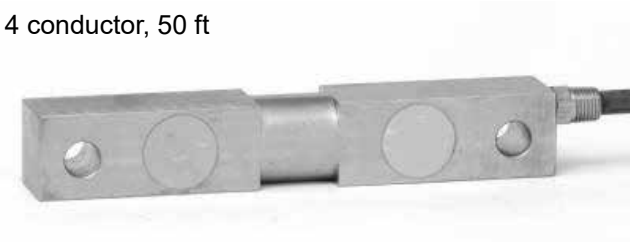
# Coti CG-16 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

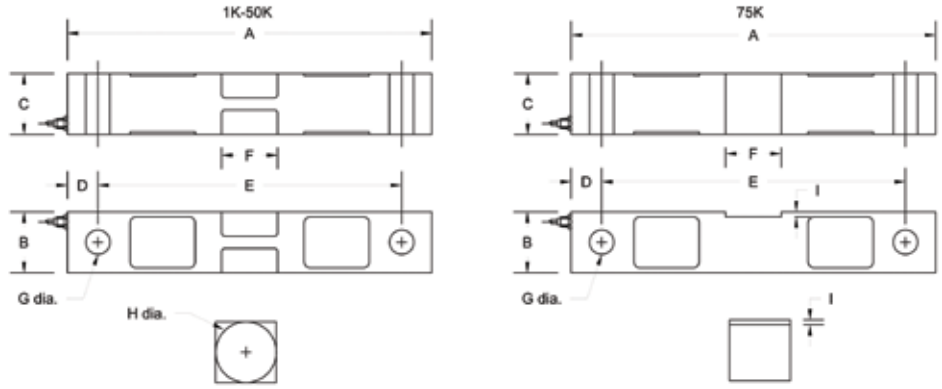
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor, 50 ft



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | F | G | H | I | | | |
| 1K-5K | | | 7.50 | 1.25 | 1.25 | 0.62 | 6.25 | 1.15 | 0.50 | 1.25 | - | | | |
| 10K-25K | | | 8.75 | 1.94 | 1.44 | 0.62 | 7.50 | 2.00 | 0.81 | 2.00 | - | | | |
| 35K | | | 8.75 | 2.50 | 1.50 | 0.62 | 7.50 | 2.00 | 0.81 | 2.50 | - | | | |
| 50K | | | 13.50 | 2.94 | 2.44 | 1.00 | 11.50 | 3.25 | 1.31 | 3.00 | - | | | |
| 75K | | | 13.50 | 2.94 | 2.44 | 1.00 | 11.50 | 3.25 | 1.31 | - | 0.17 | | | |
| 100K-125K | | | 18.50 | 3.94 | 2.94 | 1.75 | 15.00 | 3.25 | 1.63 | - | 0.25 | | | |

**Load Cell Wiring:**
Green: +EXC
Black: -EXC
White: +SIG
Red: -SIG
Braided/Yellow: Shield

**Interchangeable Products** | Artech 70510, Celtron DSR, Revere 5203, Rice Lake RL75016, Sensortronics 65016, Totalcomp GDE16, Totalcomp TDE16, Transcell DBS, Zemic H9D

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100118 | 1K | CG-16-1000 LB |
| 812-100120 | 2K | CG-16-2000 LB |
| 812-100121 | 2.5K | CG-16-2500 LB |
| 812-100122 | 5K | CG-16-5000 LB |
| 812-100123 | 10K | CG-16-10000 LB |
| 812-100125 | 15K | CG-16-15000 LB |
| 812-100126 | 20K | CG-16-20000 LB |
| 812-100127 | 25K | CG-16-25000 LB |
| 812-100129 | 50K | CG-16-50000 LB |
| 812-100130 | 75K | CG-16-75000 LB |
| ***812-100131*** | ***100K*** | ***CG-16-100000 LB*** |
| ***812-100133*** | ***125K*** | ***CG-16-125000 LB*** |

# Coti CG-5103 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

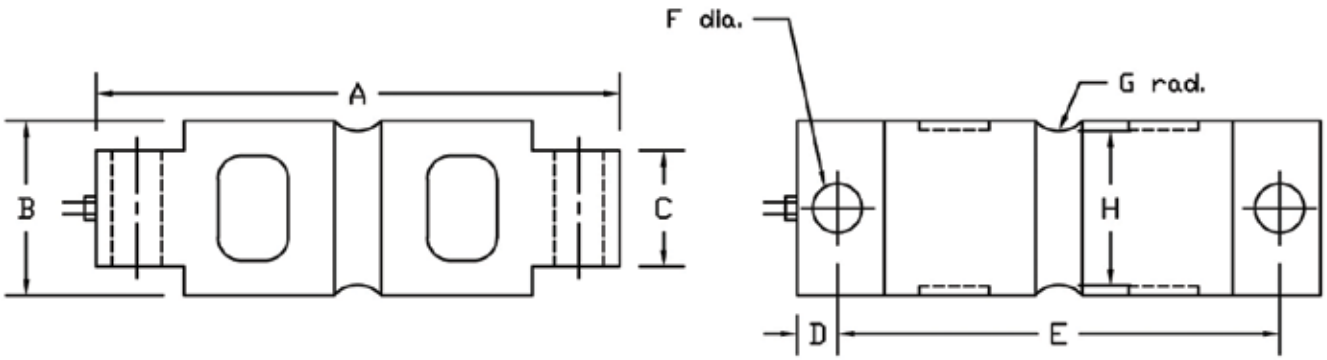
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor, 50 ft sst braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | B | C | D | E | F | G | H | | |
| 5K-10K | | | | 8.12 | 1.70 | 1.12 | 0.62 | 6.88 | 0.66 | 0.50 | 1.48 | | |
| 20K | | | | 8.12 | 1.95 | 1.12 | 0.62 | 6.88 | 0.66 | 0.50 | 1.48 | | |
| 30K-60K | | | | 10.25 | 3.00 | 2.37 | 0.88 | 8.50 | 1.06 | 1.00 | 2.73 | | |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Artech 70210, Celtron CSB, Revere 5103, Rice Lake RL70000, Sensortronics 60058, Totalcomp GDE03, Totalcomp TDE03, Zemic H9C

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100134 | 5K | CG-5103-5K |
| 812-100135 | 10K | CG-5103-10K |
| 812-100136 | 20K | CG-5103-20K |
| 812-100137 | 30K | CG-5103-30K |
| 812-100138 | 40K | CG-5103-40K |
| 812-100244 | 50K | CG-5103-50K |
| 812-100140 | 60K | CG-5103-60K |

# Coti CG-5103 SSW Double Ended Shear Beam

DESB, Stainless Steel Welded Load Cell

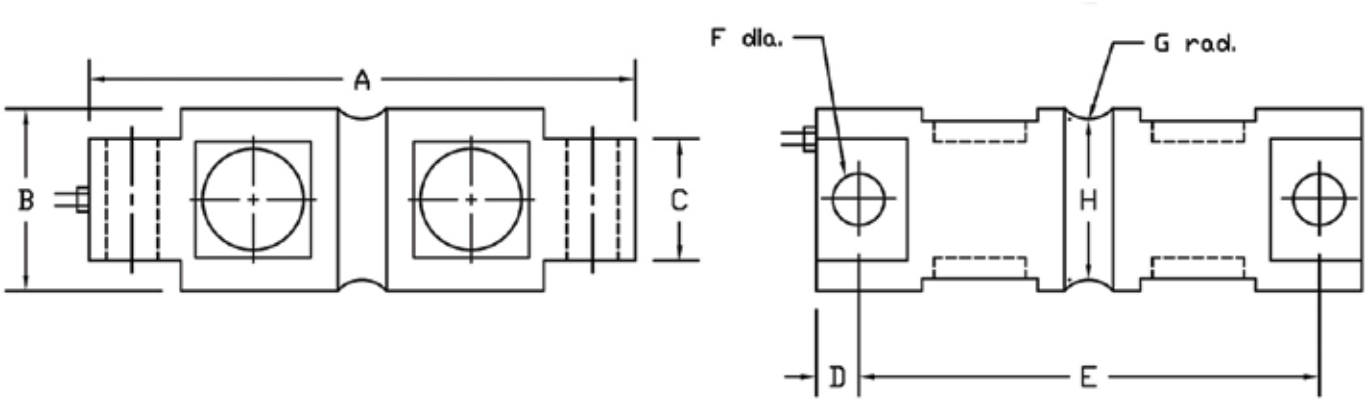
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Welded seal - IP67
**Cable Length:** 4 conductor, 50 ft braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | B | C | D | E | F | G | H | | | |
| 5K-10K | | | | 8.12 | 1.70 | 1.12 | 0.62 | 6.88 | 0.66 | 0.50 | 1.48 | | | |
| 20K | | | | 8.12 | 1.95 | 1.12 | 0.62 | 6.88 | 0.66 | 0.50 | 1.48 | | | |
| 30K-60K | | | | 10.25 | 3.00 | 2.37 | 0.88 | 8.50 | 1.06 | 1.00 | 2.73 | | | |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Artech SS70210, Revere 9103, Rice Lake RL70000 SS, Rice Lake RL71000 HE

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100150 | 10K | CG-5103-SSW-10K w/Weld Cover |
| 812-100151 | 20K | CG-5103-SSW-20K w/Weld Cover |
| 812-100246 | 30K | CG-5103-SSW-30K w/Weld Cover |
| 812-100247 | 40K | CG-5103-SSW-40K w/Weld Cover |
| 812-100248 | 50K | CG-5103-SSW-50K w/Weld Cover |
| 812-100249 | 60K | CG-5103-SSW-60K w/Weld Cover |

# Coti CG-BE40 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

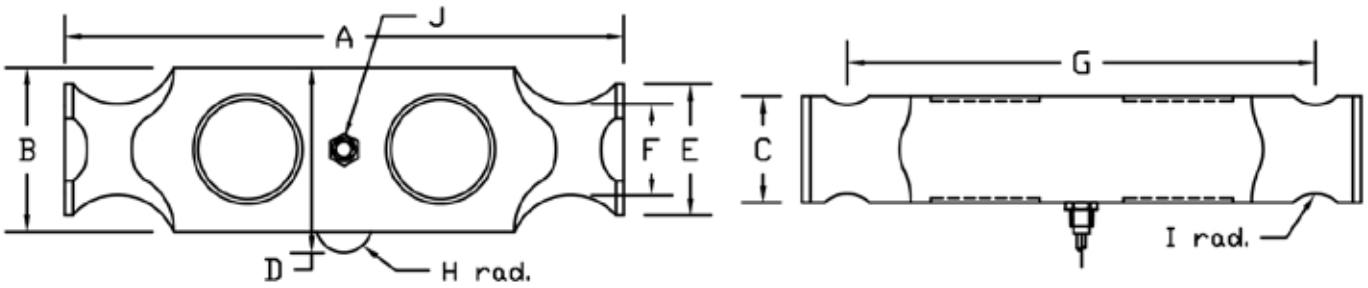
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor, 50 ft braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | |
| 25K-75KSE | 8.25 | 2.44 | 1.94 | 2.97 | 2.00 | 1.63 | 7.25 | 0.50 | 0.50 | 1/4-18NPT | |
| 50K-75K | 11.50 | 2.94 | 1.94 | 3.47 | 2.20 | 1.70 | 10.00 | 1.00 | 0.75 | 1/2-14NPT | |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Sensortronics 65040A, Rice Lake RL75040A, Celtron DLB, Thurman TSC840, Artech 80310

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100276 | 25K | CG-BE40-25K |
| 812-500017 | 50K SE | CG-BE40-50K-SE |
| 812-100250 | 60K | CG-BE40-60K-LE |
| 812-100299 | 60K SE | |

# Coti CG-SLS Double Ended Shear Beam

DESB, Alloy Load Cell

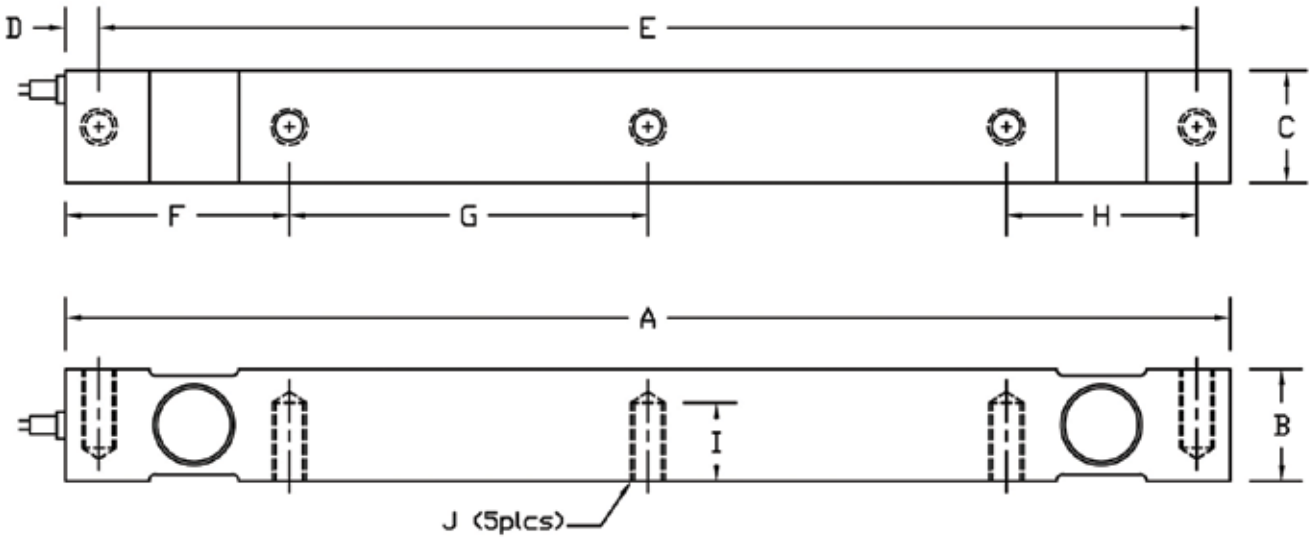
## Specifications

**Rated Output:** 2.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating -4°F to 140°F / -20°C to 80°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor, 30 ft braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J |
| 25K | 26.00 | 2.50 | 2.50 | 0.75 | 24.50 | 5.00 | 8.00 | 4.25 | 1.90 | 3/4-10UNC |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Massload ML-1100

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100167 | 25K | CG-SLS 25K Alloy DEB |
| 812-500027 | 25K | CG-SLS 25K SST DEB |

# Coti CG-5223 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

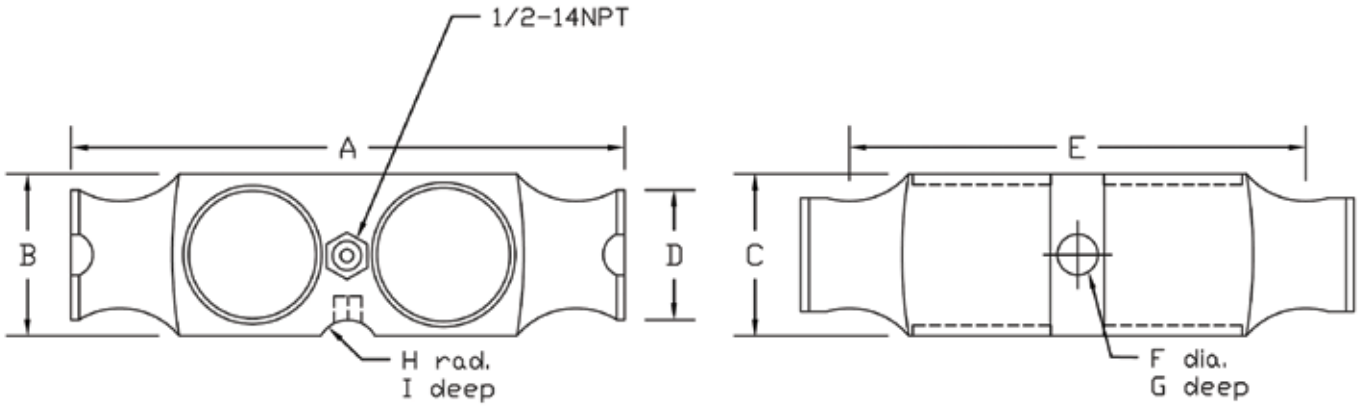
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale
**Insulation Resistance:** >5000 megohms

**Temperature:**
Compensated 14°F to 104°F / 10°C to 40°C
Operating -4°F to 140°F / -20°C to 80°C
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor,
50k and 100k: 50ft braided shield
65k: 60ft braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | F | G | H | I | | |
| 50K-125K | | | 10.25 | 3.00 | 3.00 | 2.40 | 8.50 | 0.75 | 0.78 | 1.00 | 0.28 | | |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Artech 80210, Revere 5223, Rice Lake RL75223, Sensortronics 65040A-XX-1127W, Thurman TSC800, Totalcomp TDE23, Unibridge DL90000, Zemic HM9E

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-500010 | 50K | CG-5223-50K w/50' Braided Shield |
| 812-500009 | 65K | CG-5223-65K w/60' Braided Shield |
| 812-500011 | 100K | CG-5223-100K w/50' Braided Shield |

# Coti CG-BE40 Double Ended Shear Beam

DESB, Alloy Steel Load Cell

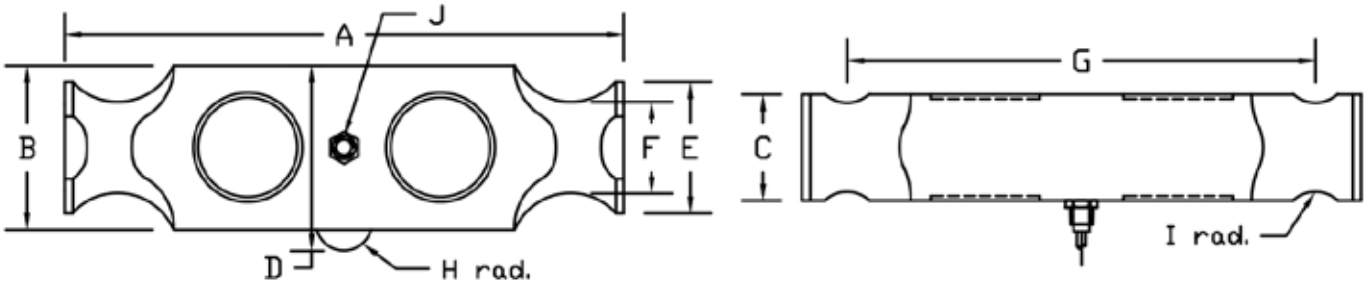
## Specifications

**Rated Output:** 3.00 mV/V
**Safe Overload:** 150% Full scale
**Excitation Voltage:** 10-20 V AC/DC
**Input Resistance:** 700 ± 10 ohms
**Output Resistance:** 700 ± 5 ohms
**Non-linearity:** ± 0.03% Full scale
**Hysteresis:** ± 0.02% Full scale
**Repeatability:** ± 0.01% Full scale
**Creep:** ± 0.02% Full scale

**Temperature:**
Compensated 14°F to 104°F / -10°C to 40°C
Operating 4°F to 140°F / -20°C to 60°C
**Insulation Resistance:** >5000 megohms
**Seal Type:** Environmentally sealed - IP67
**Cable Length:** 4 conductor, 50 ft braided shield



## Outline Dimension in inches




| RATED CAPACITY | DIMENSIONS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | |
| 25K-75KSE | 8.25 | 2.44 | 1.94 | 2.97 | 2.00 | 1.63 | 7.25 | 0.50 | 0.50 | 1/4-18NPT | |
| 50K-75K | 11.50 | 2.94 | 1.94 | 3.47 | 2.20 | 1.70 | 10.00 | 1.00 | 0.75 | 1/2-14NPT | |

**Load Cell Wiring:** Green: +EXC Black: -EXC White: +SIG Red: -SIG Braided/Yellow: Shield

**Interchangeable Products** | Sensortronics 65040A, Rice Lake RL75040A, Celtron DLB, Thurman TSC840, Artech 80310

## Order Information

| B-TEK Part No. | Capacity | Coti Part No. |
|---|---|---|
| 812-100276 | 25K | CG-BE40-25K |
| 812-500017 | 50K SE | CG-BE40-50K-SE |
| 812-100250 | 60K | CG-BE40-60K-LE |
| 812-100299 | 60K SE | |

# Load Cell Tank Mounts

B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

## 69 B-TEK Scales, LLC

**Notes:**

# B-TEK LCMT Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

**LCMT-CS:** Painted carbon steel construction

**LCMT-CS:** Load cells are plated alloy steel, environmentally protected IP67

**LCMT-SS:** 304 stainless steel construction

**LCMT-SS:** Load cells are stainless steel, environmentally protected IP67



# B-TEK SETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

**SETM-CS:** Zinc plated carbon steel construction

**SETM-CS:** Load cells are plated alloy steel, environmentally protected IP67

**SETM-SS:** 304 stainless steel construction

**SETM-SS:** Load cells are stainless steel, environmentally protected IP67



# B-TEK DETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

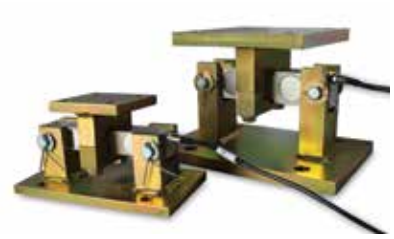
**DETM-CS:** ZINC plated carbon steel construction - 1,000 to 25,000 lb. cell capacities

**DETM-CS:** Painted carbon steel construction - 50,000 to 75,000 lb. cell capacities

**DETM-CS:** Load cells are plated alloy steel, environmentally protected IP67

**DETM-SS:** 304 stainless steel construction

**DETM-SS:** Load cells are stainless steel, environmentally protected IP67



# B-TEK BTW Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

**EZTM-CS:** ZINC plated carbon steel construction - 5,000 to 20,000 lb. cell capacities

**EZTM-CS:** Painted carbon steel construction - 30,000 to 150,000 cell capacities

**EZTM-CS:** Load cells are plated alloy steel, environmentally protected IP67

**EZTM-SS:** 304 stainless steel construction

**EZTM-SS:** Load cells are stainless steel, environmentally protected IP67



# B-TEK LCMT Truck Scale Mount

Truck Scale Mount, Carbon Steel Mounts

Painted carbon steel construction

Double ended shear beam load cell.

Load cells are plated alloy steel, environmentally protected IP67 and 40’ of metal braid sheathed cable

Mount assembly uses field proven parallel link type suspension

Used for motor truck scale conversions and heavy industrial platforms



# B-TEK LCMT Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

## Specifications

**LCMT-CS:** Painted carbon steel construction

**LCMT-CS:** Load cells are plated alloy steel, environmentally protected IP67

**LCMT-SS:** 304 stainless steel construction

**LCMT-SS:** Load cells are stainless steel, environmentally protected IP67

Mount assembly is self-checking, self-centering and has anti-tip protection

Used for small hoppers, tanks, bins, conveyors and platforms

Tank Mount Kit Includes:

- B-TEK stainless steel NEMA 4X junction box with signal trim summing board
- Load cells
- Mounts (3 or 4) and assembly hardware
- 25’ of B-TEK load cell cable



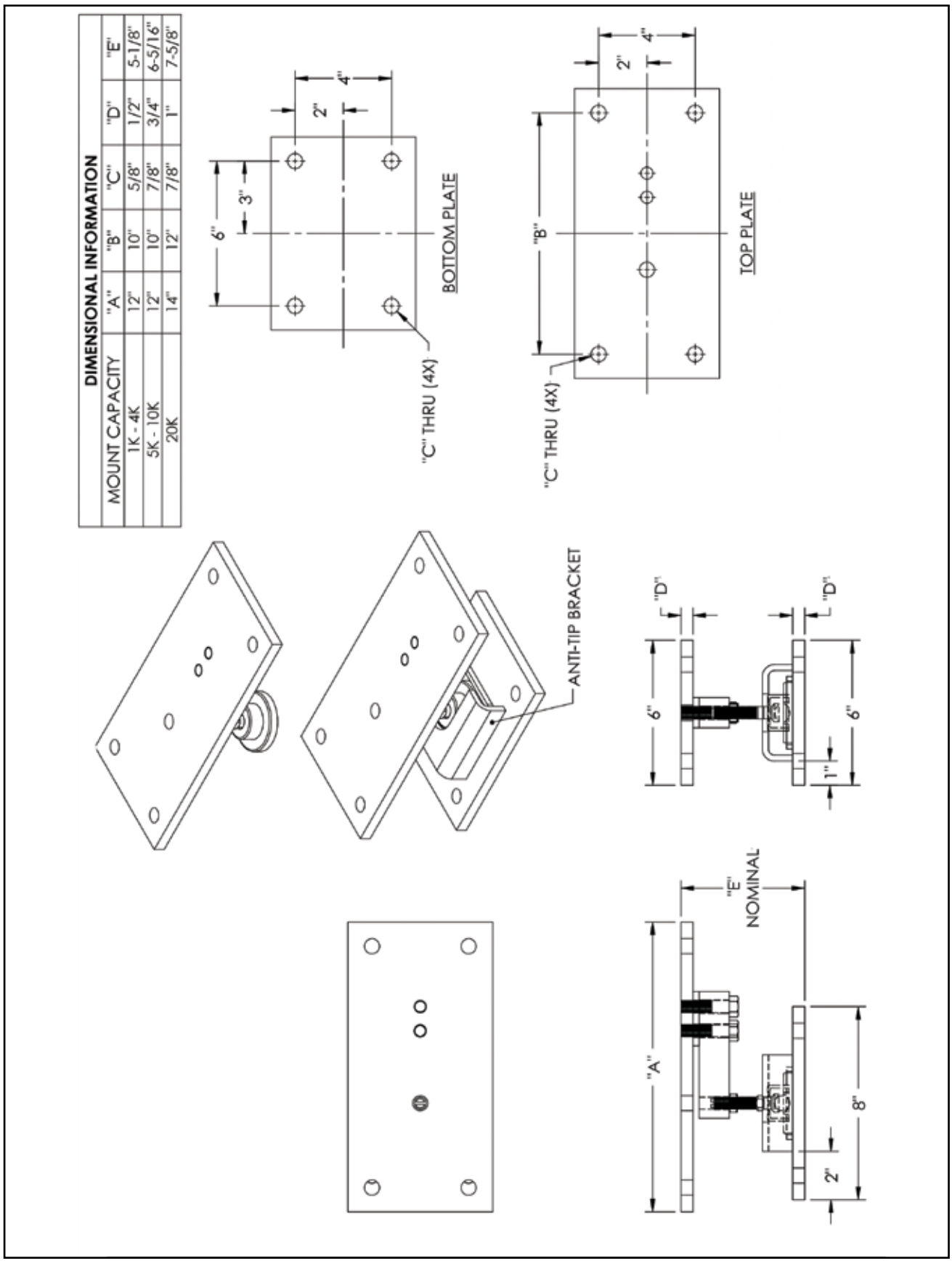
## Order Information

| B-TEK Part No. | Carbon Steel Single Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-1101 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-1102 | 3 Mount with (3 ea.) 2.5K load cells | 7.5K lbs |
| 915-1103 | 3 Mount with (3 ea.) 4K load cells | 12K lbs |
| 915-1104 | 3 Mount with (3 ea.) 5K load cells - SE | 15K lbs |
| 915-1105 | 3 Mount with (3 ea.) 5K load cells - LE | 15K lbs |
| 915-1106 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-1107 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-1108 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-1109 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-1110 | 4 Mount with (4 ea.) 4K load cells | 16K lbs |
| 915-1111 | 4 Mount with (4 ea.) 5K load cells - SE | 20K lbs |
| 915-1112 | 4 Mount with (4 ea.) 5K load cells - LE | 20K lbs |
| 915-1113 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-1114 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |

| B-TEK Part No. | Stainless Steel Single Ended Tank Mount Kit | |
|---|---|---|
| 915-1115 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-1116 | 3 Mount with (3 ea.) 2.5K load cells | 7.5K lbs |
| 915-1117 | 3 Mount with (3 ea.) 4K load cells | 12K lbs |
| 915-1118 | 3 Mount with (3 ea.) 5K load cells - SE | 15K lbs |
| 915-1119 | 3 Mount with (3 ea.) 5K load cells - LE | 15K lbs |
| 915-1120 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-1121 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-1122 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-1123 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-1124 | 4 Mount with (4 ea.) 4K load cells | 16K lbs |
| 915-1125 | 4 Mount with (4 ea.) 5K load cells - SE | 20K lbs |
| 915-1126 | 4 Mount with (4 ea.) 5K load cells - LE | 20K lbs |
| 915-1127 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-1128 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |

# B-TEK LCMT Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts



# B-TEK SETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts

## Specifications

**SETM-CS:** Zinc plated carbon steel construction

**SETM-CS:** Load cells are plated alloy steel, environmentally protected IP67

**SETM-SS:** 304 stainless steel construction

**SETM-SS:** Load cells are stainless steel, environmentally protected IP67

Mount assembly is self-checking and self-centering

Used for small hoppers, tanks, bins and conveyors

Tank Mount Kit Includes:

- B-TEK stainless steel NEMA 4X junction box with signal trim summing board
- Load cells
- Mounts (3 or 4) and assembly hardware
- 25’ of B-TEK load cell cable



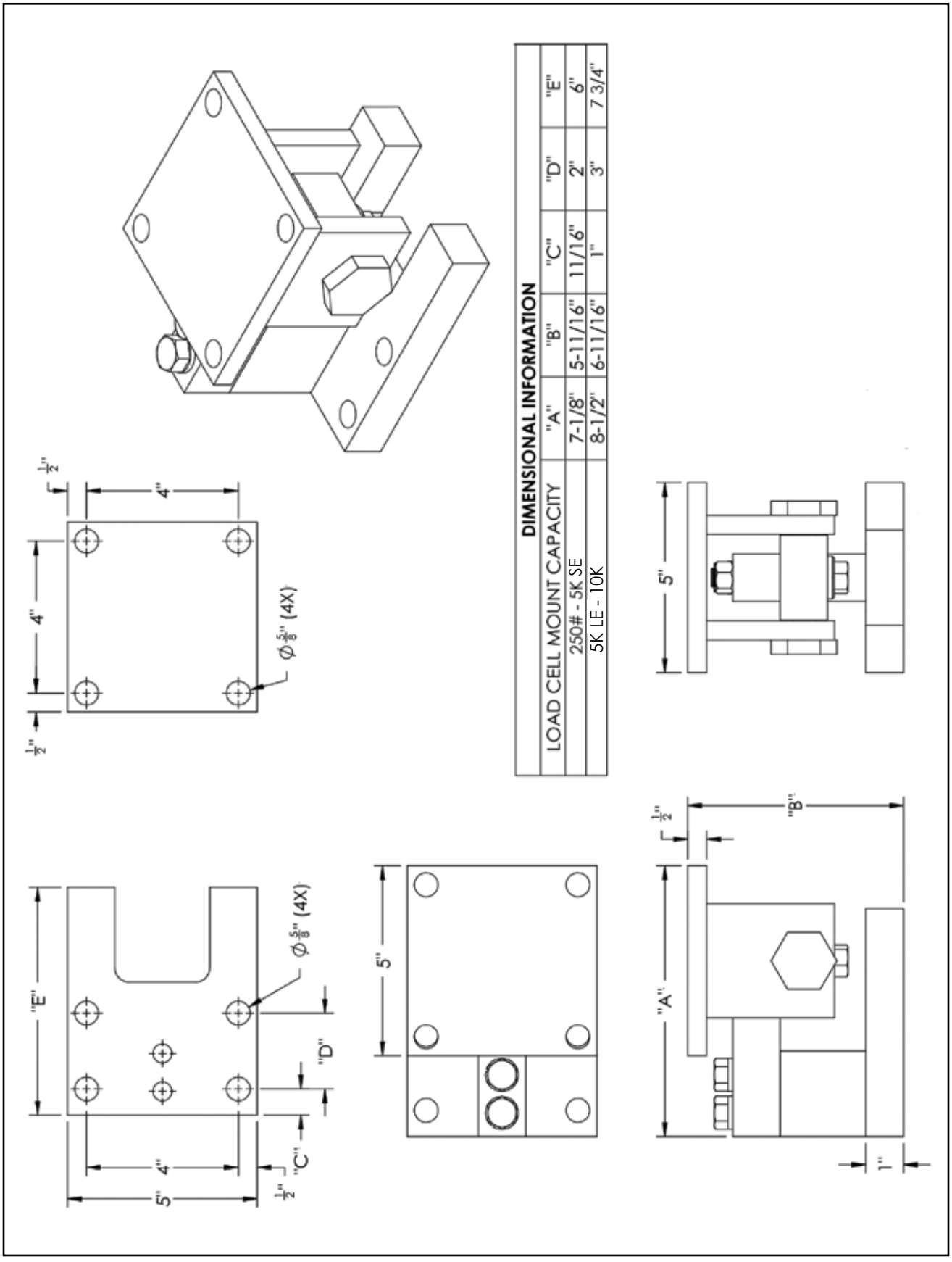
## Order Information

| B-TEK Part No. | Carbon Steel Single Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-2201 | 3 Mount with (3 ea.) .5K load cells | 1.5K lbs |
| 915-2202 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-2203 | 3 Mount with (3 ea.) 2.5K load cells | 7.5K lbs |
| 915-2204 | 3 Mount with (3 ea.) 4K load cells | 12K lbs |
| 915-2205 | 3 Mount with (3 ea.) 5K load cells - SE | 15K lbs |
| 915-2206 | 3 Mount with (3 ea.) 5K load cells - LE | 15K lbs |
| 915-2207 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-2208 | 4 Mount with (4 ea.) .5K load cells | 2K lbs |
| 915-2209 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-2210 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-2211 | 4 Mount with (4 ea.) 4K load cells | 16K lbs |
| 915-2212 | 4 Mount with (4 ea.) 5K load cells - SE | 20K lbs |
| 915-2213 | 4 Mount with (4 ea.) 5K load cells - LE | 20K lbs |
| 915-2214 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |

| B-TEK Part No. | Stainless Steel Single Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-2215 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-2216 | 3 Mount with (3 ea.) 2.5K load cells | 7.5K lbs |
| 915-2217 | 3 Mount with (3 ea.) 4K load cells | 12K lbs |
| 915-2218 | 3 Mount with (3 ea.) 5K load cells - SE | 15K lbs |
| 915-2219 | 3 Mount with (3 ea.) 5K load cells - LE | 15K lbs |
| 915-2220 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-2221 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-2222 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-2223 | 4 Mount with (4 ea.) 4K load cells | 16K lbs |
| 915-2224 | 4 Mount with (4 ea.) 5K load cells - SE | 20K lbs |
| 915-2225 | 4 Mount with (4 ea.) 5K load cells - LE | 20K lbs |
| 915-2226 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |

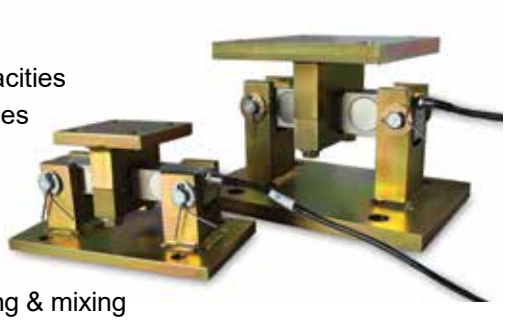
# B-TEK SETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts



# B-TEK DETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts



## Specifications

**DETM-CS:** ZINC plated carbon steel construction - 1,000 to 25,000 lb. cell capacities
**DETM-CS:** Painted carbon steel construction - 50,000 to 75,000 lb. cell capacities
**DETM-CS:** Load cells are plated alloy steel, environmentally protected IP67
**DETM-SS:** 304 stainless steel construction
**DETM-SS:** Load cells are stainless steel, environmentally protected IP67
Mount assembly is self-checking and self-centering
Used for hoppers, tanks, bins & material handling equipment for batching, blending & mixing
Tank Mount Kit Includes:

- B-TEK stainless steel NEMA 4X junction box with signal trim summing board
- Load cells
- Mounts (3 or 4) and assembly hardware
- 25' of B-TEK load cell cable

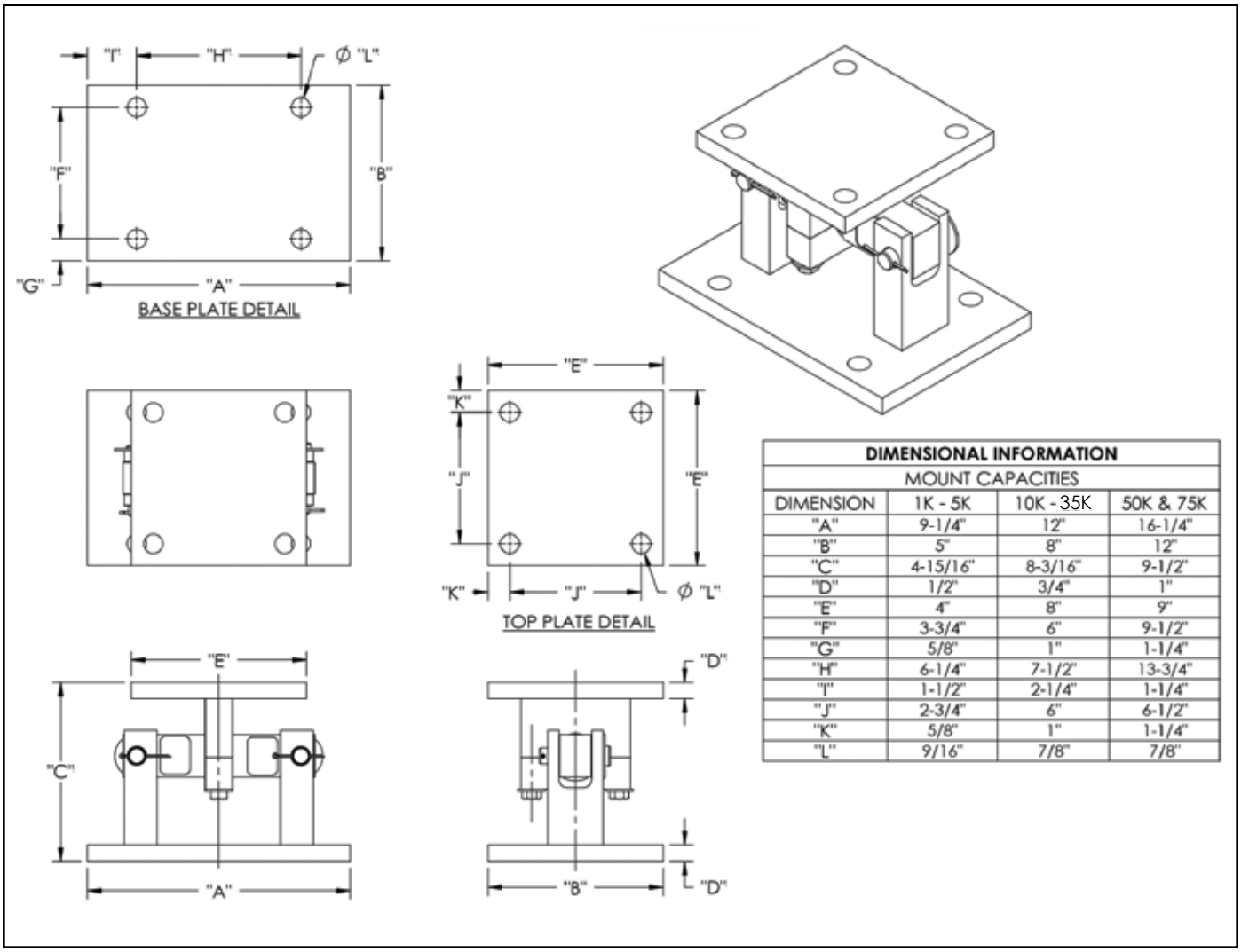
## Order Information

| B-TEK Part No. | Carbon Steel Double Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-4401 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-4402 | 3 Mount with (3 ea.) 1.5K load cells | 4.5K lbs |
| 915-4403 | 3 Mount with (3 ea.) 2K load cells | 6K lbs |
| 915-4404 | 3 Mount with (3 ea.) 2.5K load cells | 7.5Klbs |
| 915-4405 | 3 Mount with (3 ea.) 5K load cells | 15K lbs |
| 915-4406 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-4407 | 3 Mount with (3 ea.) 15K load cells | 45K lbs |
| 915-4408 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-4409 | 3 Mount with (3 ea.) 25K load cells | 75K lbs |
| 915-4410 | 3 Mount with (3 ea.) 50K load cells | 150K lbs |
| 915-4411 | 3 Mount with (3 ea.) 75K load cells | 225K lbs |
| 915-4412 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-4413 | 4 Mount with (4 ea.) 1.5K load cells | 7K lbs |
| 915-4414 | 4 Mount with (4 ea.) 2K load cells | 8K lbs |
| 915-4415 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-4416 | 4 Mount with (4 ea.) 5K load cells | 20K lbs |
| 915-4417 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-4418 | 4 Mount with (4 ea.) 15K load cells | 60K lbs |
| 915-4419 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |
| 915-4420 | 4 Mount with (4 ea.) 25K load cells | 100K lbs |
| 915-4421 | 4 Mount with (4 ea.) 50K load cells | 200K lbs |
| 915-4422 | 4 Mount with (4 ea.) 75K load cells | 300K lbs |

| B-TEK Part No. | Stainless Steel Double Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-4423 | 3 Mount with (3 ea.) 1K load cells | 3K lbs |
| 915-4424 | 3 Mount with (3 ea.) 1.5K load cells | 4.5K lbs |
| 915-4425 | 3 Mount with (3 ea.) 2K load cells | 6K lbs |
| 915-4426 | 3 Mount with (3 ea.) 2.5K load cells | 7.5K lbs |
| 915-4427 | 3 Mount with (3 ea.) 5K load cells | 15K lbs |
| 915-4428 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-4429 | 3 Mount with (3 ea.) 15K load cells | 45K lbs |
| 915-4430 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-4431 | 3 Mount with (3 ea.) 25K load cells | 75K lbs |
| 915-4432 | 3 Mount with (3 ea.) 50K load cells | 150K lbs |
| 915-4433 | 3 Mount with (3 ea.) 75K load cells | 225K lbs |

# B-TEK DETM Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts




| DIMENSIONAL INFORMATION | | | |
|---|---|---|---|
| MOUNT CAPACITIES | | | |
| DIMENSION | 1K - 5K | 10K - 35K | 50K & 75K |
| "A" | 9-1/4" | 12" | 16-1/4" |
| "B" | 5" | 8" | 12" |
| "C" | 4-15/16" | 8-3/16" | 9-1/2" |
| "D" | 1/2" | 3/4" | 1" |
| "E" | 4" | 8" | 9" |
| "F" | 3-3/4" | 6" | 9-1/2" |
| "G" | 5/8" | 1" | 1-1/4" |
| "H" | 6-1/4" | 7-1/2" | 13-3/4" |
| "I" | 1-1/2" | 2-1/4" | 1-1/4" |
| "J" | 2-3/4" | 6" | 6-1/2" |
| "K" | 5/8" | 1" | 1-1/4" |
| "L" | 9/16" | 7/8" | 7/8" |

## Order Information

| B-TEK Part No. | Stainless Steel Double Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-4434 | 4 Mount with (4 ea.) 1K load cells | 4K lbs |
| 915-4435 | 4 Mount with (4 ea.) 1.5K load cells | 7K lbs |
| 915-4436 | 4 Mount with (4 ea.) 2K load cells | 8K lbs |
| 915-4437 | 4 Mount with (4 ea.) 2.5K load cells | 10K lbs |
| 915-4438 | 4 Mount with (4 ea.) 5K load cells | 20K lbs |
| 915-4439 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-4440 | 4 Mount with (4 ea.) 15K load cells | 60K lbs |
| 915-4441 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |
| 915-4442 | 4 Mount with (4 ea.) 25K load cells | 100K lbs |
| 915-4443 | 4 Mount with (4 ea.) 50K load cells | 200K lbs |
| 915-4444 | 4 Mount with (4 ea.) 75K load cells | 300K lbs |

# B-TEK BTW Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts



## Specifications

**EZTM-CS:** ZINC plated carbon steel construction - 5,000 to 20,000 lb. cell capacities
**EZTM-CS:** Painted carbon steel construction - 30,000 to 150,000 cell capacities
**EZTM-CS:** Load cells are plated alloy steel, environmentally protected IP67
**EZTM-SS:** 304 stainless steel construction
**EZTM-SS:** Load cells are stainless steel, environmentally protected IP67
Mount assembly is self-centering and self-checking
Used for hoppers, tanks, bins, material handling equipment for batching, blending and mixing
Tank Mount Kit Includes:

- B-TEK stainless steel NEMA 4X junction box with signal trim summing board
- Load cells
- Mounts (3 or 4) and assembly hardware
- 25' of B-TEK load cell cable

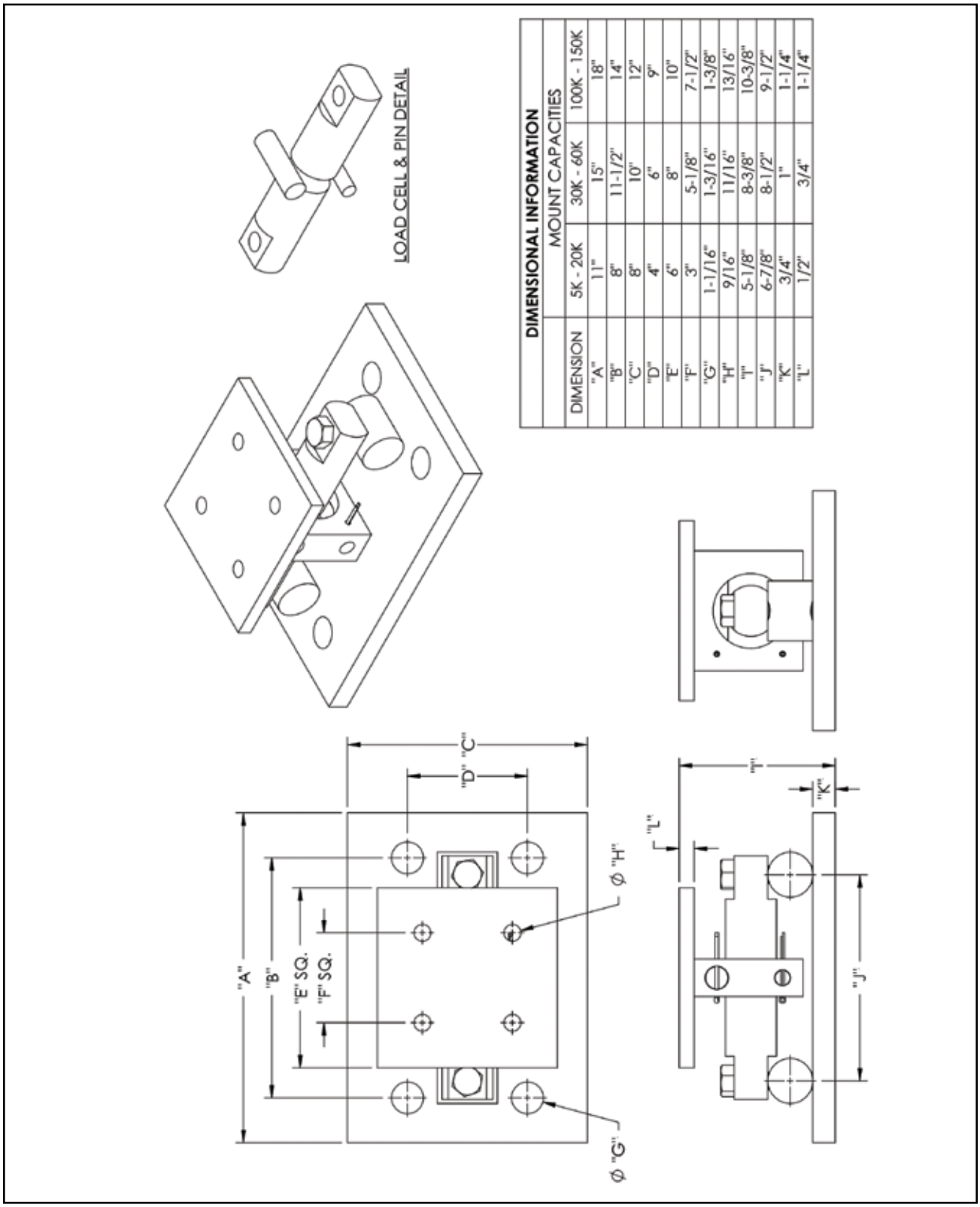
## Order Information

| B-TEK Part No. | Carbon Steel Double Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-5501 | 3 Mount with (3 ea.) 5K load cells | 15K lbs |
| 915-5502 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-5503 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-5504 | 3 Mount with (3 ea.) 30K load cells | 90K lbs |
| 915-5505 | 3 Mount with (3 ea.) 40K load cells | 120K lbs |
| 915-5506 | 3 Mount with (3 ea.) 50K load cells | 150K lbs |
| 915-5507 | 3 Mount with (3 ea.) 60K load cells | 180K lbs |
| 915-5529 | 3 Mount with (3 ea.) 100K load cells | 300K lbs |
| 915-5508 | 4 Mount with (4 ea.) 5K load cells | 20K lbs |
| 915-5509 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-5510 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |
| 915-5511 | 4 Mount with (4 ea.) 30K load cells | 120K lbs |
| 915-5512 | 4 Mount with (4 ea.) 40K load cells | 160K lbs |
| 915-5513 | 4 Mount with (4 ea.) 50K load cells | 200K lbs |
| 915-5514 | 4 Mount with (4 ea.) 60K load cells | 240K lbs |
| 915-5530 | 4 Mount with (4 ea.) 100K load cells | 400K lbs |

| B-TEK Part No. | Stainless Steel Double Ended Tank Mount Kit | Total Capacity |
|---|---|---|
| 915-5515 | 3 Mount with (3 ea.) 5K load cells | 15K lbs |
| 915-5516 | 3 Mount with (3 ea.) 10K load cells | 30K lbs |
| 915-5517 | 3 Mount with (3 ea.) 20K load cells | 60K lbs |
| 915-5518 | 3 Mount with (3 ea.) 30K load cells | 90K lbs |
| 915-5519 | 3 Mount with (3 ea.) 40K load cells | 12K lbs |
| 915-5520 | 3 Mount with (3 ea.) 50K load cells | 150K lbs |
| 915-5521 | 3 Mount with (3 ea.) 60K load cells | 180K lbs |
| 915-5522 | 4 Mount with (4 ea.) 5K load cells | 20K lbs |
| 915-5523 | 4 Mount with (4 ea.) 10K load cells | 40K lbs |
| 915-5524 | 4 Mount with (4 ea.) 20K load cells | 80K lbs |
| 915-5525 | 4 Mount with (4 ea.) 30K load cells | 120K lbs |
| 915-5526 | 4 Mount with (4 ea.) 40K load cells | 160K lbs |
| 915-5527 | 4 Mount with (4 ea.) 50K load cells | 200K lbs |
| 915-5528 | 4 Mount with (4 ea.) 60K load cells | 240K lbs |

# B-TEK BTW Tank Mount

Tank Mount, Carbon and Stainless Steel Mounts




| DIMENSIONAL INFORMATION | | | |
|---|---|---|---|
| | MOUNT CAPACITIES | | |
| DIMENSION | 5K - 20K | 30K - 60K | 100K - 150K |
| "A" | 11" | 15" | 18" |
| "B" | 8" | 11-1/2" | 14" |
| "C" | 8" | 10" | 12" |
| "D" | 4" | 6" | 9" |
| "E" | 6" | 8" | 10" |
| "F" | 3" | 5-1/8" | 7-1/2" |
| "G" | 1-1/16" | 1-3/16" | 1-3/8" |
| "H" | 9/16" | 11/16" | 13/16" |
| "I" | 5-1/8" | 8-3/8" | 10-3/8" |
| "J" | 6-7/8" | 8-1/2" | 9-1/2" |
| "K" | 3/4" | 1" | 1-1/4" |
| "L" | 1/2" | 3/4" | 1-1/4" |

# B-TEK LCMT Truck Scale Mount

Truck Scale Mount, Carbon Steel Mounts



## Specifications

Painted carbon steel construction

Double ended shear beam load cell.

Load cells are plated alloy steel, environmentally protected IP67 and 40’ of metal braid sheathed cable

Mount assembly uses field proven parallel link type suspension

Used for motor truck scale conversions and heavy industrial platforms

Tank Mount Kit Includes:

Load cell, base mount, chair plate, loops and chair-pin

Mount-only packages include mounts & hardware only

## Order Information

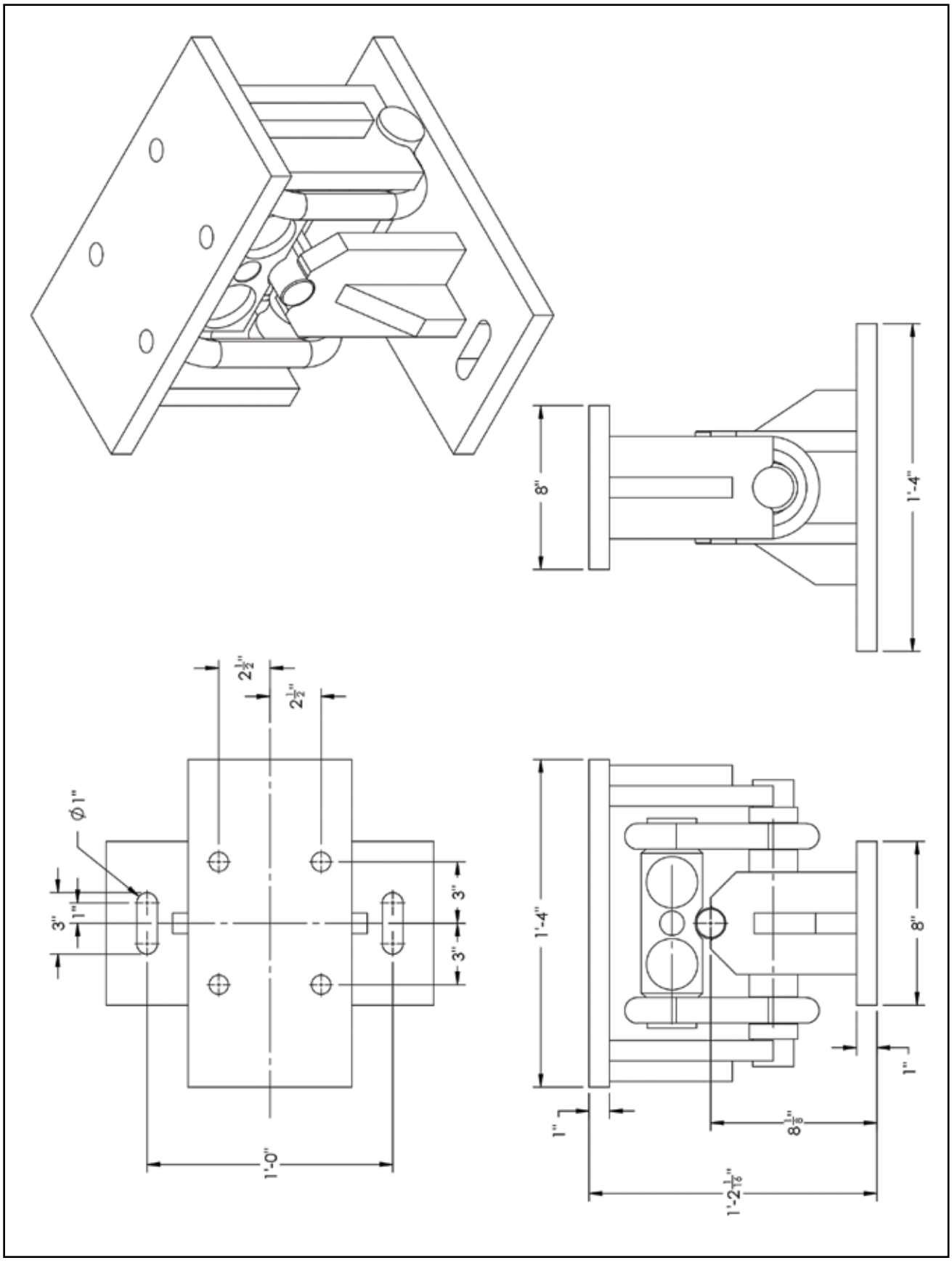
| B-TEK Part No. | Total Capacity |
|---|---|
| 915-3301 | 50K lbs |
| 915-3302 | 65K lbs |
| 915-3303 | 100K lbs |

| B-TEK Part No. | Mount Assembly Parts |
|---|---|
| 812-500002 | 5223-B10– 50K DESB Plated Tool Steel Load Cell |
| 812-500003 | 5223-B10– 65K DESB Plated Tool Steel Load Cell |
| 812-500001 | 5223-B10- 100K DESB Plated Tool Steel Load Cell |
| 400-150000 | Link, FE 1.25-1 Forged Link (Loop) |
| 400-160000 | Chair Pin 14IN FE 14” Long Chair Pin, Plated |
| 400-160002 | Mount / Cell Dowel Pin 5/8” x 1” |
| FE Replacement Stand | Standard Height DESB Base Mount ( Specify Scale S/N ) |
| FE Replacement Chair | Standard Height DESB Chair Plate ( Specify Scale S/N ) |

***Link, Pin & Dowel Are Same For 50K - 100K Cells***

# B-TEK LCMT Truck Scale Mount

Truck Scale Mount, Carbon Steel Mounts



# Hardware and Accessories

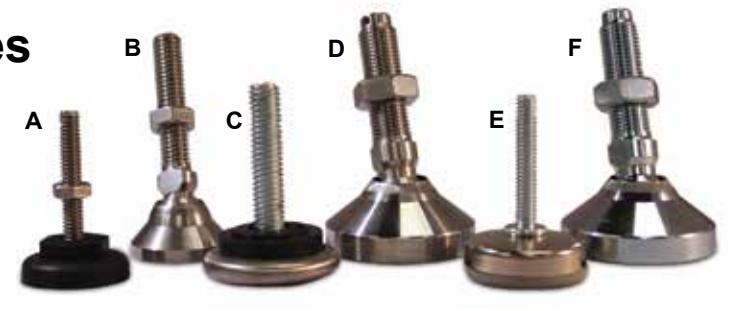
B-TEK Scales, LLC Load Cell and Hardware Catalog

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

## 81 Hardware

**Notes:**

# Bench Scale Foot Assemblies




## Order Information

| B-TEK Part No. | | Foot Design | Foot Dia. | Overall Height | Stem Dia. | Stem Height |
|---|---|---|---|---|---|---|
| 911-000002 | F | Ball/Rubber pad - CS | 1.88” | 3.13” | 1/2” - 20 | 1.50” |
| 912-000001 | D | Ball/Rubber pad - SS | 1.88” | 3.13” | 1/2” - 20 | 1.50” |
| 912-000005 | B | Ball/Rubber pad - SS | 1.25” | 2.94” | 3/8” - 16 | 1.75” |
| 911-000016 | C | Rigid (pack of 4) | 1.56” | 2.25” | 3/8” - 16 | 1.63” |
| 912-000002 | E | Rigid/Rubber pad | 1.38” | 2.13” | 1/4” - 20 | 1.50” |
| 912-000003 | A | Rubber base-SST Stem | 1.25” | 2.00” | 1/4” - 20 | 1.50” |

# Floor Scale Foot Assemblies

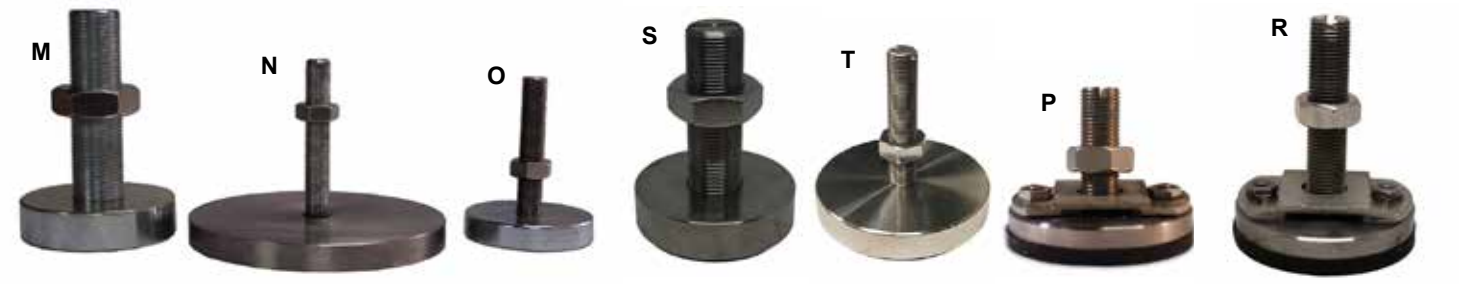



## Order Information

| B-TEK Part No. | | Foot Design | Foot Dia. | Overall Height | Stem Dia. | Stem Height |
|---|---|---|---|---|---|---|
| *911-000036 | I | Ball - SS | 3.00" | 5.56" | 1" - 14 | 3.38" |
| 911-000012 | F | Ball - SS | 3.00” | 5.56” | 1” - 12 | 4.25” |
| 911-000037 | H | Ball - SS | 3.00” | 4.28” | 1” - 14 | 3.00” |
| 911-000035 | G | Ball - SS | 3.00" | 3.25" | 3/4" - 16 | 2.25" |
| 911-000014 | B | Ball - SS | 3.00” | 3.38” | 1/2” - 20 | 1.50” |
| *911-000032 *Interchangeable with 911-000005* | D | Ball - Integral - SS | 2.50" | 3.38" | 1/2" - 20 | 2.38" |
| *911-000039 | Q | Ball - SS | 3.00" | 4.10" | 3/4" - 16 | 3.09" |
| 911-000017 | J | Rubber | 3.00” | 4.00” | 3/4” - 16 | 3.00” |
| 911-000009 | L | Rubber | 3.00” | 2.50” | 1/2” - 20 | 1.63” |
| 911-000013 | K | Rubber- 4 Square | 2.50” | 3.09” | 1/2” - 20 | 2.31” |

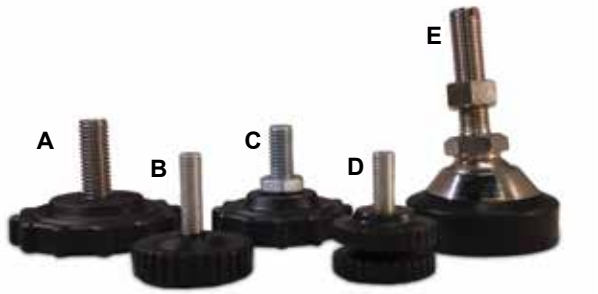
***Used in Standard Clydesdale Floor Scales***

# Floor Scale Foot Assemblies




| B-TEK Part No. | | Foot Design | Foot Dia. | Overall Height | Stem Dia. | Stem Height |
|---|---|---|---|---|---|---|
| 911-000026 | N | Rigid | 5.00” | 3.50“ | 1/2” - 20 | 3.00” |
| 911-000025 | M | Rigid/Rubber pad | 3.00” | 4.38” | 1” - 14 | 3.50” |
| 911-000043 | T | Rigid/Rubber pad - SS | 3.00" | 3.00" | 1/2" - 20 | 2.31" |
| 911-000019 | O | Rigid | 2.50” | 3.19” | 1/2” - 20 | 2.63” |
| 911-000041 | S | Rigid - SS | 3.00" | 3.75" | 1" - 14 | 2.88" |
| 911-000015 | P | Swivel Low Profile - SS | 2.25” | 1.75” | 1/2” - 20 | 1.13” |
| 911-000040 | R | Swivel Low Profile - SS | 2.25" | 2.75" | 1/2" - 20 | 2.13" |

# WorldWEIGH Foot Assemblies




## Order Information

| B-TEK Part No. | | Description |
|---|---|---|
| 899-300043 | B | C100 Counting Scale 5-60 lb Foot Assy |
| 899-300044 | D | C100 Counting Scale 100 lb Foot Assy |
| 899-300050 | C | C300 WW1314 50/100lb Leveling Foot Assy |
| 899-300066 | A | C200 12mm 2.5” Dia Foot Assy |
| 899-300056 | E | WW-4848-5k-FS Leveling Foot Assy |

# WorldWEIGH C Series/4x4 Floor Scale Replacement Load Cells



899-300033



899-300037



899-300092



899-300057

## Order Information

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300032 | 6 lb | C100 - 6 lb Replacement Load Cell |
| 899-300033 | 12 lb | C100 - 12 lb Replacement Load Cell |
| 899-300132 | 30 lb | C100 - 30 lb Replacement Load Cell |
| 899-300034 | 60 lb | C100 - 60 lb Replacement Load Cell |
| 899-300035 | 100 lb | C100 - 100 lb Replacement Load Cell |

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300036 | 50Kg | C200 Load Cell L6E-50Kg For C200 / 30S |
| 899-300037 | 100Kg | C200 Load Cell L6G-100Kg For C200 / 60M |
| 899-300038 | 200Kg | C200 Load Cell L6G-200Kg For C200 / 150M / 150L |
| 899-300039 | 500Kg | C200 Load Cell L6G-500 Kg For C200 / 300L |

| B-TEK Part No. | Capacity | Description |
|---|---|---|
| 899-300048 | 50 lb | C300 / 50 WW-1214-50-BS Single Point Load Cell |
| 899-300049 | 100 lb | C300 / 100 WW-1620-100-BS Single Point Load Cell |
| 899-300092 | 250 lb | C300 / 250 WW-1620-250-BS Single Point Load Cell |

| B-TEK Part No. | Description |
|---|---|
| 899-300056 | WW-4848-5K Stainless Steel Leveling Foot |
| 899-300057 | WW-4848-5K Platform Replacement 2K lb Load Cell |
| 899-300104 | WW-4848-5K Platform Replacement 2.5K lb Load Cell |
| 899-300058 | WW-4848 Stainless Steel Junction Box |
| 899-300059 | WW-4848 Floor Scale 4-cell Summing Board |
| 899-300060 | 14’ Poly Coated Metal Braid Cable with DB-9 Connector |
| 899-300061 | (2) M16 Lifting Eye Bolt |
| 899-300062 | 1/2-20 Fine Thread 2” Mounting Bolt for Load Cell each |
| 899-300128 | 48” x 36” Tread Plate Mild Steel Ramp w/Foot Retaining |

# 4 Conductor Interface Cable



## Specifications

• 22AWG / Polypro Insulation / PVC Jacketed / Shielded

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 861-000001 | 4 Conductor Interface Intercom cable |

# Standard 7-Wire Load Cell Cable



## Specifications

• 22AWG / Polypro Insulation / PVC Jacketed / Shielded

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 861-000004 | B-TEK 7-Wire LC Cable by the Foot |

# 6 Conductor Analog Interconnect Cable



## Specifications

• 18AWG / Copper Conductor / Insulated / Jacketed / Shielded

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 861-000029 | 6 Conductor Analog Interconnect cable |

# Tinned Copper Braided Sheath 7-Wire Load Cell Cable



## Specifications

• 22AWG / Polypro Insulation / PVC Jacketed /Shielded

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 861-000026 | B-TEK Sheathed 7-Wire LC Cable by the Foot |

# #6 Copper Ground Cable



## Specifications

• 6AWG

• PVC Jacketed / Shielded / Green

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 861-000006 | #6 Copper Ground Cable @ specific cut lengths p/ft. |

# T-Grip Molding w/Barbs



## Order Information

| B-TEK Part No. | Description |
|---|---|
| 900-100000 | CG-T Grip Molding w/Barbs per Foot<br>Std Roll Size is 143 Feet<br>Individual Cut lengths |

# Surge Voltage Protection Devices




875-000057




877-000232



877-000233



877-000423

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 875-000057 | AC Line 4-Outlet Surge Protector |
| 877-000232 | RS-232 In-line Surge Protection and RS-422 - (1) DB9 Male, (1) DB9 Female |
| 877-000233 | RS-232 In-line Surge Protection Screw terminal connector on each end of case |
| 877-000423 | RS-422 In-line Surge Protection Screw terminal connector on each end of case |

# Wire Security Seals



## Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000031 | #30 Galvanized Wire - 22” - bundle of 100 |

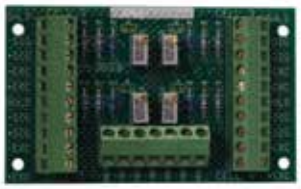
# Floor Scale Junction Boxes and Summing Boards



864-000008



864-000015



862-000029
862-000012



862-000025

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000008 | NEMA4 FRP Jbox w/4 cell signal trim summing card - JB2000 |
| 863-000025 | NEMA4 FRP Jbox w/cord grips only |
| 864-000015 | NEMA4x SST Jbox w/4 cell signal trim summing card - JB2000 |
| 863-000022 | NEMA4x SST Jbox w/cord grips only |
| 862-000012 | Signal Trim Summing Card 4 Cell JB2000 - 100K Pots |
| 862-000029 | Signal Trim Summing Card 4 Cell JB2000 - 50K Pots |
| 862-000025 | Signal Trim Summing Card 4 Cell - AX200/AX300 |
| 862-000026 | Summing Card No Trim 4 Cell - AX200/AX300 (Standard) |
| 864-000026 | NEMA4x SST Jbox FM w/4 cell signal trim summing card |
| 864-000037 | Low profile 6 cell stainless steel junction box |
| 864-000030 | CG-FM Approved ABS Junction Box and Signal Trim Board |

# Motor Truck Scale Junction Boxes and Summing Boards

## Truck Scale FRP JBox and Board - 3/8"



- NEMA4x FRP Jbox with 4-Cell Summing Board with terminal screw connectors
- 3/8” Bottom Cord Grips
- Fully assembled - 8" x 6" x 4"

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000023 | Truck Scale FRP Junction Box & Board |

## Truck Scale FRP JBox and Board - 1/2"



- NEMA4x FRP Jbox with 4-Cell Summing Board with terminal screw connectors
- 1/2” Bottom Cord Grips
- Fully assembled - 8" x 6" x 4"

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000024 | Truck Scale FRP Junction Box & Board |

## Truck Scale FRP JBox and Board - 1/2"



- NEMA4x FRP Jbox with 4-Cell Summing Board - JB1000
- 1/2” Bottom Cord Grips
- Fully Assembled - 10” x 8” x 6”

Available while supplies last. To be discontinued.

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000017 | Truck Scale - FRP Junction Box & Board |

## Truck Scale FRP JBox and Board - 3/8"



- Board with Spring Connectors
- 3/8" Cord Grips - (Side Entry Cord Grips)

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000034 | Truck Scale - FRP Junction Box & Board |

## Truck Scale FRP JBox and Board - 1/2"



- Board with Spring Connectors
- 1/2" Cord Grips - (Side Entry Cord Grips)

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000033 | Truck Scale FRP Junction Box & Analog Board |

# Truck Scale SST JBox, Card and Cord Grips - 3/8"



- NEMA 4x SST Jbox with 4-Cell Summing Board with terminal screw connectors
- 3/8" Cord Grips
- Fully assembled - 10" x 8" x 4"

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000027 | Truck Scale SST JBox, 4-Cell Summing Card & Cord Grips |

# Truck Scale SST JBox, Card and Cord Grips - 1/2"



- NEMA 4x SST Jbox with 4-Cell Summing Board with spring connectors
- 1/2" Cord Grips
- Fully assembled - 10" x 8" x 4"

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000028 | Truck Scale SST JBox, 4-Cell Summing Card & Cord Grips |

# Truck Scale Polycarbonate JBox and Board - 3/8" & 1/2”



- Board 50K Pots with Spring Connectors
- 3/8" & 1/2” Cord Grip Inserts - (Side Entry Cord Grips)
- Fully assembled - 9” x 8” x 2”
- IP68 Quick Latch Enclosure with Breather
- Split Expansion Ports for Easy Troubleshooting
- Low Profile for Easier Wiring
- Compatible with Board 862-000027 & 862-000049
- 100-70003A Adaptor Bracket Available for Enclosure Upgrades

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000041 | Truck Scale - FRP Junction Box & Board |

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

# Motor Truck Scale Junction Boxes and Summing Boards

## Truck Scale FRP JBox - 3/8"



- No Board
- NEMA4x FRP Jbox
- 3/8” Cord Grips
- Fully assembled - 10” x 8” x 6”

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000009 | Truck Scale FRP Junction Box |

## Truck Scale FRP JBox - 1/2"



- No Board
- NEMA4x FRP Jbox
- 1/2” Cord Grips
- Fully assembled - 10” x 8” x 6”

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000029 | Truck Scale FRP Junction Box |

## Truck Scale FRP JBox



- No Board
- NEMA4x FRP Jbox, no holes, no cord grips, no back plate
- 10” x 8” x 6”

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000023 | FRP Junction Box |

## Truck Scale FRP JBox - 1/2"



- No Board
- 1/2" Cord Grips

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000032 | Truck Scale FRP Junction Box |

## Truck Scale FRP JBox - 3/8"



- No Board
- 3/8" Cord Grips"

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000033 | Truck Scale FRP Junction Box |

# Truck Scale JBox - 3/8"



- No Board
- Side Entry Cord Grips of 3/8”

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000036 | Truck Scale Junction Box |

# Truck Scale JBox - 1/2"



- No Board
- Side Entry Cord Grips of 1/2”

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000037 | Truck Scale Junction Box |

# Truck Scale JBox w/7 Cord Grips - 3/8"



- No Board
- With 7 Cord Grips of 3/8” - For Analog Scales w/3 Junction Boxes

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000038 | Truck Scale Junction Box |

# Truck Scale JBox w/7 Cord Grips - 1/2"



- No Board
- With 7 Cord Grips of 1/2” - For Analog Scales w/3 Junction Boxes

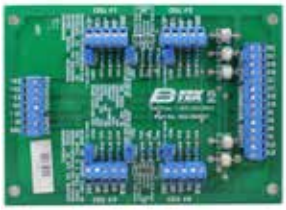
## Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000039 | Truck Scale Junction Box |

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

# Motor Truck Scale Junction Boxes and Summing Boards

## Truck Scale 4-Cell Summing Card



- 4-Cell Summing Card w/ individual, section trim
- GDT devices for surge voltage - lightning protection

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 862-000027 | Truck Scale - 4-Cell Summing Card |

## Truck Scale - Board Only



- 4-Cell Summing Card with 100K Pots with Spring Connectors
- Individual, section trim GDT Devices for surge – lightning protection

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 862-000049 | Truck Scale - Board Only |

## Truck Scale - Board Only



- 4-Cell Summing Card 50K Pots with Spring Connectors
- Individual, section trim GDT Devices for surge – lightning protection
- Split Expansion Ports

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 862-000030 | Truck Scale - Board Only |

## Truck Scale 4-Cell Summing Card & Back Plate



- 4-Cell Summing Card w/ retrofit aluminum back plate to fit old style
- 10” x 8” x 6” FRP Jbox
- Fits 862-000027- summing card

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 862-000028 | Truck Scale - 4-Cell Summing Card & Back Plate |

## Back Plate



- Aluminum 8.875" x 6.875" - standoff’s & mounting screws included
- Fits summing cards 862-000027 and 862-000049
- Used in enclosure 863-000023

### Order Information

| B-TEK Part No. | Description |
|---|---|
| 863-000040 | Back Plate |

# Truck Scale FRP JBox Retrofit Brackets



- Set of (2) brackets
- Brackets match mounting hole pattern on existing weighbridges
- Adapts 8" x 6" x 3" to 10" x 8" x 6" Enclosure
- See drawing below

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 862-000048 | Truck Scale FRP Junction Box Retrofit Brackets |

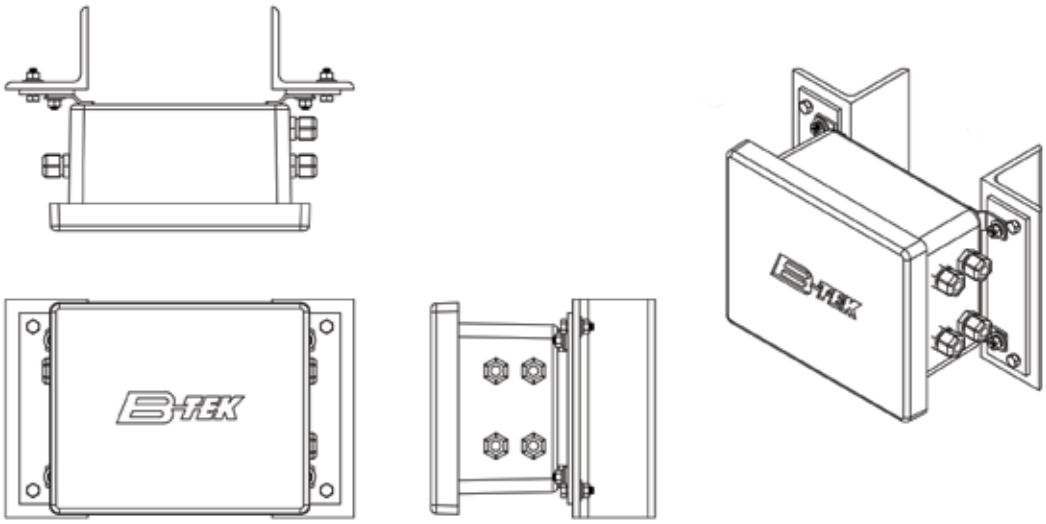
# Truck Scale FRP JBox Single Retrofit Bracket



- 1 bracket
- Matches mounting hole pattern on existing weighbridges
- Adapts 8" x 6" x 3" to 10" x 8" x 6" Enclosure
- See drawing below

## Order Information

| B-TEK Part No. | Description |
|---|---|
| 864-000025 | Truck Scale FRP Junction Box Single Retrofit Bracket |



# Truck Scale Polycarbonate JBox Retrofit Bracket

- 1 bracket and hardware
- Adapts to weighbridges using 8" x 6" x 3" Enclosure



## Order Information

| B-TEK Part No. | Description |
|---|---|
| 100-70003A | Truck Scale Polycarbonate Junction Box Retrofit Bracket |

**B-TEK Scales, LLC inventory is not limited to this catalog. Please call 800.266.8900 and we can help.**

# Load Cell Spacers / Shims



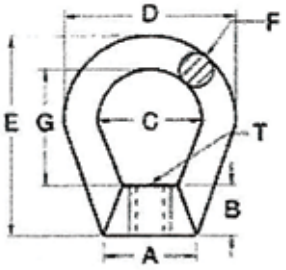
## Order Information

| B-TEK Part No. | Description |
|---|---|
| 100-72062 | Shim 5k/10k SESB CS Cells 1/8 x 2 x 3 |
| 100-72062-1 | Shim 5k/10k SESB SS Cells 1/8 x 2 x 3 |
| 900-100044 | Shim CS LC .25 x 1.25 x 2.25 |
| 900-100045 | Shim SS ST LC .25 x 1.25 x 2.25 |
| 900-100106 SHIM | Shim CS SE FS 1/8 x 1.25 x 2.25 |

# Eye Nut Drop Forged Carbon Self Colored

## Specifications

- Drop forged steel
- Zinc and clear chrome plated






| | T | A | B | C | D | E | F | G | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Diameter & Thread UNC-2B | Bell | Thread Length | Eye I.D. | Eye O.D. | Overall Length | Ball Dia. Thickness | I.D. Length | Rated Capty. lbs. | Weight |
| EN3816 | 3/8-16 | 7/8 | 5/8 | 1 1/4 | 2 | 2 1/2 | 3/8 | 1 1/2 | 2,700 | 0.25 |
| EN1213 | 1/2-13 | 7/8 | 5/8 | 1 1/4 | 2 | 2 1/2 | 3/8 | 1 1/2 | 2,700 | 0.23 |
| EN5811 | 5/8-11 | 1 3/8 | 3/4 | 1 1/2 | 2 1/2 | 3 | 1/2 | 1 3/4 | 5,000 | 0.56 |
| EN3410 | 3/4-10 | 1 3/8 | 3/4 | 1 1/2 | 2 1/2 | 3 | 1/2 | 1 3/4 | 5,000 | 0.55 |

## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0000 | 3/8-16 Thread | 2.7K | EN3816 |
| 985-0001 | 1/2-13 Thread | 2.7K | EN1213 |
| 985-0002 | 5/8-11 Thread | 5K | EN5811 |
| 985-0003 | 3/4-10 Thread | 5K | EN3410 |

***Do not exceed Safe Load.***

# Coupling Nut Grade 2 Zinc Plated



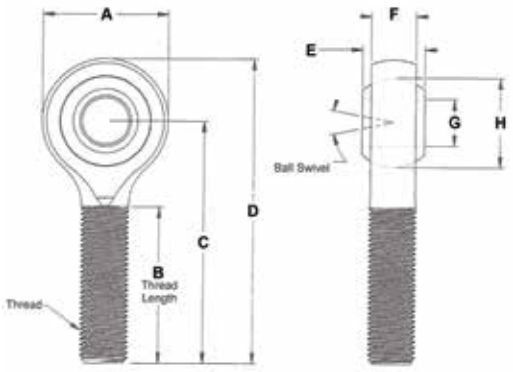
## Order Information

| B-TEK Part No. | Size (inches) | Model No. |
|---|---|---|
| 985-0013 | 1/4-20 x 1 1/2” x 7/16 W | CN1420 |
| 985-0014 | 3/8-16 x 1 3/4 x 5/8 W | CN3816 |
| 985-0015 | 1/2-13 x 1 3/4 x 11/16 W | CN1213 |
| 985-0016 | 5/8-11 x 2 1/8 x 13/16 W | CN5811 |
| 985-0017 | 3/4-10 x 2 1/4 x 1 1/4 W | CN3410 |

# Rod End Ball Joints Static Radial Load

## Specifications

- Carbon steel, Zinc plated
- Includes Jam Nut






| | Thread | A | B | C | D | E | F | G | H | Ball Swivel |
|---|---|---|---|---|---|---|---|---|---|---|
| RE1428 | 1/4-28 | 3/4 | 1.00 | 1 9/16 | 1 15/16 | 3/8 | 1/4 | 1/4 | 1/2 | 27° Max |
| RE3824 | 3/8-24 | 1.00 | 1 1/4 | 1 15/16 | 2 7/16 | 1/2 | 23/64 | 3/8 | 23/32 | 22° Max |
| RE1220 | 1/2-20 | 1 5/16 | 1 1/2 | 2 7/16 | 3 3/32 | 5/8 | 29/64 | 1/2 | 15/16 | 20° Max |
| RE3416 | 3/4-16 | 1 3/4 | 1 3/4 | 2 7/8 | 3 3/4 | 7/8 | 19/32 | 3/4 | 1 5/16 | 24° Max |
| RE1114 | 1-14 | 2 3/4 | 2 1/8 | 4 1/8 | 5 1/2 | 1 3/8 | 1.00 | 1.00 | 1 7/8 | 17° Max |
| RE11412 | 1 1/4-12 | 2 3/4 | 2 1/8 | 4 1/8 | 5 1/2 | 1 1/16 | 15/16 | 1 1/4 | 1 51/64 | 7° Max |
| RE11212 | 1 1/2-12 | 3 1/2 | 3.00 | 5 3/8 | 7 1/8 | 1 5/16 | 1 1/8 | 1 1/2 | 2 5/32 | 6.5° Max |

## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0067 | 1/4 - 28 x 1 | 2,835 | RE1428 |
| 985-0068 | 3/8 - 24 x 1 1/4 | 6,323 | RE3824 |
| 985-0069 | 1/2 - 20 x 1 1/2 | 10,046 | RE1220 |
| 985-0070 | 3/4 - 16 x 1 3/4 | 15,894 | RE3416 |
| 985-0071 | 1-14 x 2 | 43,341 | RE1114 |
| 985-0072 | 1 1/4 - 12 x 2 | 44,500 | RE11412 |
| 985-0073 | 1 1/2 - 12 x 3 | 64,770 | RE11212 |

***Do not exceed Safe Load.***

# Stainless Steel Threaded Adapter with Jam Nuts

## Specifications

- Precision machined from stainless steel
- Includes (2) SS jam nuts



## Order Information

| B-TEK Part No. | Size (inches) | Model No. |
|---|---|---|
| 985-0074 | 1/4 - 28 NF | TAS1428 |
| 985-0075 | 1/4 - 28 x 1/4 - 20 | TAS1428-1420 |
| 985-0076 | 1/4 - 28 x 3/8 - 24 | TAS1428-3824 |
| 985-0077 | 1/4 - 28 x 3/8 - 16 | TAS1428-3816 |
| 985-0078 | 1/4 - 20 x 3/8 - 16 | TAS1420-3816 |
| 985-0079 | 1/4 - 20 x 3/8 - 24 | TAS1420-3824 |
| 985-0080 | 1/4 - 28 x 1/2 - 13 | TAS1428-1213 |
| 985-0081 | 3/8 - 24 | TAS3824 |
| 985-0082 | 3/8 - 16 x 3/8 - 24 | TAS3816-3824 |
| 985-0083 | 3/8 - 24 x 1/2 - 13 | TAS3824-1213 |
| 985-0084 | 1/2 - 20 | TAS1220 |
| 985-0085 | 1/2 - 20 x 5/8 - 11 | TAS1220-5811 |
| 985-0086 | 1/2 - 13 x 5/8 - 11 | TAS1213-5811 |
| 985-0087 | 1/2 - 13 x 1/2 - 20 | TAS1213-1220 |
| 985-0088 | 3/4 - 10 x 3/4 - 16 | TAS3410-3416 |

# Isolated S-Type Tension Alignment / Swivel Isolator

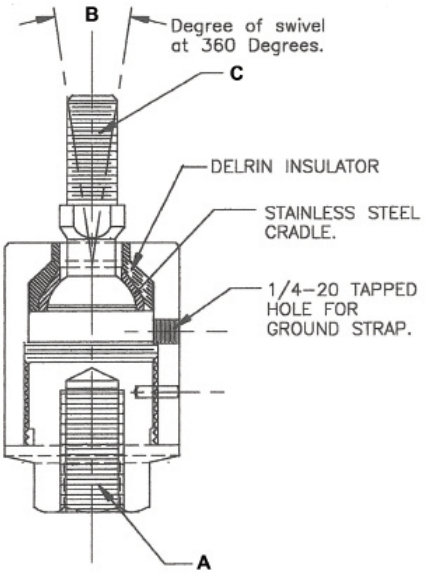
## Specifications

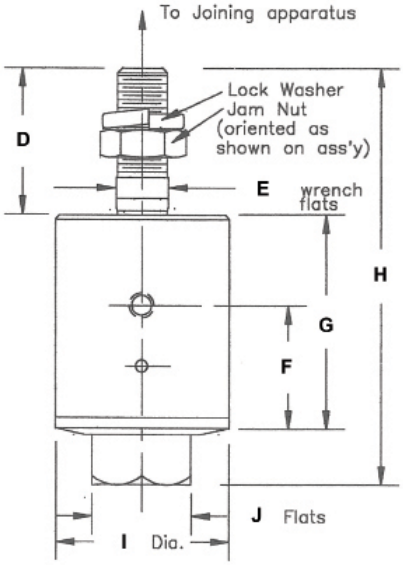
- Frictionless nylon self-aligning inserts provide best accuracy in harsh/wet environments
- Load cell is electrically isolated for surge protection; load cell and rod ends not included
- Hardware is zinc-plated for corrosion resistance / load cell stems are stainless steel

(1) Isolator
(1) Lock washer
(1) Hex nut

(1) 4/20 machine screw for termination of grounding strap






| | Thread A | B | C | D | Wrench Flats E | F | G | H | Dia. I | Flats J |
|---|---|---|---|---|---|---|---|---|---|---|
| 985-0004 | 1/4-20 UNC | 15° | 1/4-28 UNF | 1.00 | 0.25 | 1.31 | 2.13 | 3.55 | 1.47 | 0.75 |
| 985-0005 | 3/8-24 NF | 15° | 3/8-24 NF | 1.50 | 0.50 | 1.38 | 2.13 | 4.13 | 1.75 | 1.00 |
| 985-0006 | 1/2-20 NF | 15° | 1/2-13 UNF | 1.56 | 0.50 | 1.38 | 2.13 | 4.13 | 1.75 | 1.00 |
| 985-0007 | 5/8-11 UNC | 15° | 1/2- 20 UNF | 1.50 | 0.50 | 1.25 | 2.12 | 4.12 | 1.75 | 1.00 |
| 985-0008 | 3/4-10 UNC | 15° | 3/4-16 UNF | 2.13 | 0.75 | 1.45 | 2.63 | 5.25 | 2.47 | 1.75 |
| 985-0009 | 7/8-9 UNC | 15° | 3/4-16 UNF | 2.25 | 0.75 | 1.38 | 2.62 | 5.38 | 2.38 | 1.75 |
| 985-0010 | 1-12 UNC | 15° | 1 1/4-7 UNF | 2.75 | 1.00 | 1.25 | 2.50 | 5.75 | 2.75 | 1.75 |
| 985-0011 | 1 1/4-7 UNC | 15° | 1-14 UNF | 2.75 | 1.00 | 1.25 | 2.50 | 5.75 | 2.75 | 1.75 |
| 985-0012 | 1 1/2-6 UNC | 15° | 1 1/4 1 12 UNF | 3.25 | 1.25 | 1.50 | 2.88 | 6.75 | 3.5 | 2.62 |

## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0004 | 1/4 - 28 NF x 1/4 - 20 NC | 300 | TAA25020 |
| 985-0005 | 3/8 - 24 NF x 3/8-24 NC | 300 | TAA35016 |
| 985-0006 | 1/2 - 20 NF x 1/2-13 NC | 2.5K | TAA75013 |
| 985-0007 | 1/2 - 20 NF x 5/8 -11 NC | 3K | TAA75011 |
| 985-0008 | 3/4 - 16 NF x 3/4 - 10 NC | 5K | TAA95010 |
| 985-0009 | 3/4 - 16 NF x 7/8 - 9 NC | 10K | TAA95009 |
| 985-0010 | 1 - 12 NF x 1 1/4 - 7 NC | 15K | TAA15112 |
| 985-0011 | 1 - 14 NF x 1 1/4 - 7 NC | 15K | TAA15114 |
| 985-0012 | 1 1/4 - 12 NF x 1 1/2 - 6 NC | 20K | TAA20008 |

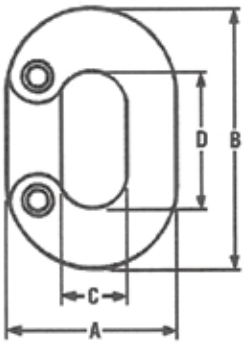
***Do not exceed Safe Load.***

# Connecting Link

## Specifications

- Drop forged steel
- Zinc and clear chrome plated






| | A | B | C | D | Working Load Limit | Weight |
|---|---|---|---|---|---|---|
| CL14 | 1.00 | 1 1/2 | 7/16 | 7/8 | 1,400 | 0.06 |
| CL38 | 1 3/8 | 2 1/8 | 9/16 | 1 1/8 | 2,800 | 0.18 |
| CL12 | 1 23/32 | 2 11/16 | 21/32 | 1 7/16 | 4,750 | 0.39 |
| CL58 | 2 1/8 | 3 3/8 | 13/16 | 1 7/8 | 7,250 | 0.75 |
| CL34 | 2 1/2 | 3 7/8 | 31/32 | 2 1/8 | 10,250 | 1.16 |

## Order Information

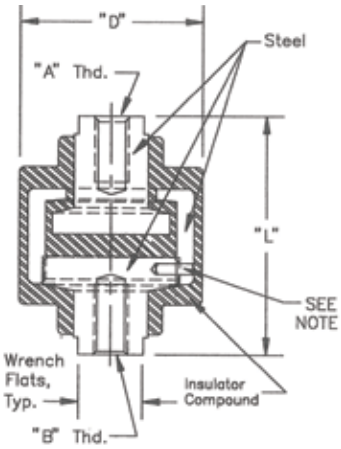
| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0018 | 1/4 | 1.4K | CL14 |
| 985-0019 | 3/8 | 2.8K | CL38 |
| 985-0020 | 1/2 | 4.75K | CL12 |
| 985-0021 | 5/8 | 7.25K | CL58 |
| 985-0022 | 3/4 | 10.25K | CL34 |

***Do not exceed Safe Load.***

# Black Jacket Load Cell Isolator

Helps to prevent damage to load cells, indicators and/or peripherals from power surges by electrically separating the mechanical assembly from its tension mounted load cell.






| | A Thread | B Thread | D Dia. | L | Wrench Flats |
|---|---|---|---|---|---|
| YJ3816 | 3/8-16 UNC | 3/8-16 UNC | 1.92 | 2.71 | 11/16 |
| YJ3824 | 3/8-24 UNF | 3/8-24 UNF | 1.92 | 2.71 | 11/16 |
| YJ1213 | 1/2-13 UNC | 1/2-13 UNC | 1.92 | 2.71 | 11/16 |
| YJ1213/1220 | 1/2-13 UNC | 1/2-20 UNF | 1.92 | 2.71 | 11/16 |
| YJ1220 | 1/2-20 UNF | 1/2-20 UNF | 1.92 | 2.71 | 11/16 |
| YJ3410 | 3/4-10 UNC | 3/4-10 UNC | 2.99 | 5.50 | 1 1/2 |
| YJ3416 | 3/4-16 UNF | 3/4-16 UNF | 2.99 | 5.50 | 1 1/2 |

Note: Components are joined by threads and roll pin.

## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0035 | 3/8 - 24 NF | 500 | YJ3824 |
| 985-0036 | 3/8 - 16 NC | 500 | YJ3816 |
| 985-0037 | 1/2 - 13 NC | 2.5K | YJ1213 |
| 985-0038 | 1/2 - 20 NF | 2.5K | YJ1220 |
| 985-0039 | 1/2 - 13 x 1/2 - 20 | 2.5K | YJ1213/1220 |
| 985-0040 | 3/4 - 10 NC | 5K | YJ3410 |
| 985-0041 | 3/4 - 16 NF | 5K | YJ3416 |

***Do not exceed Safe Load.***

# Eyebolt Zinc Plated with Jam Nut



## Specifications

- Drop forged, zinc and clear chrome plated
- Jam nut is zinc plated for corrosion resistance

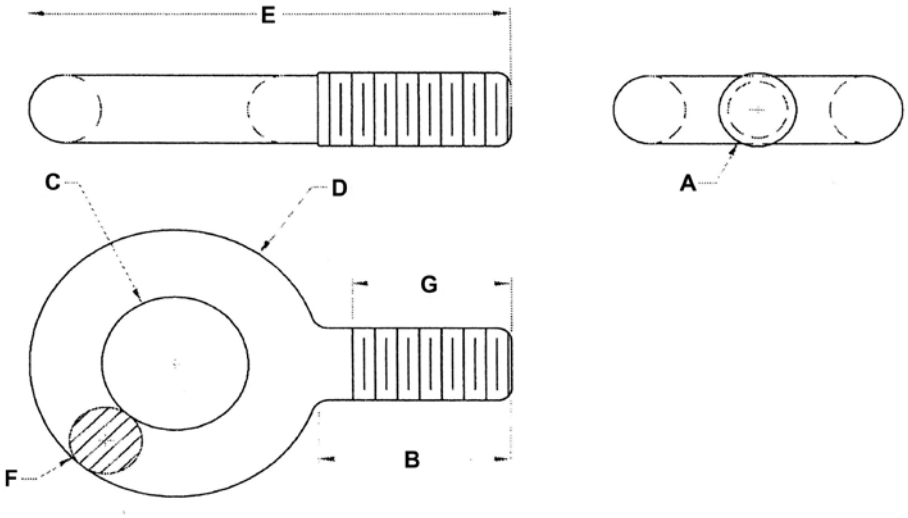
## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0042 | 1/4 - 28 | 500 | EB1428 - Fine Thread Carbon Steel |
| 985-0043 | 3/8 - 24 | 1.3K | EB3824 - Fine Thread Carbon Steel |
| 985-0044 | 1/2 - 20 | 2.4K | EB1220 - Fine Thread Carbon Steel |
| 985-0045 | 3/4 - 16 | 5K | EB3416 - Fine Thread Carbon Steel |
| 985-0046 | 1 - 12 | 9K | EB1012 - Fine Thread Carbon Steel |
| 985-0047 | 1 - 14 | 9K | EB1014 - Fine Thread Carbon Steel |
| 985-0048 | 1 1/4 - 12 | 15K | EB114-12 - Fine Thread Carbon Steel |
| 985-0049 | 1 1/2 - 12 | 20K | EB112-12 - Fine Thread Carbon Steel |

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0050 | 1/4 - 20 | 500 | EB1420 - Course Thread Carbon Steel |
| 985-0051 | 3/8 - 16 | 1.3K | EB3816 - Course Thread Carbon Steel |
| 985-0052 | 1/2 - 13 | 2.4K | EB1213 - Course Thread Carbon Steel |
| 985-0053 | 5/8 - 11 | 4K | EB5811 - Course Thread Carbon Steel |
| 985-0054 | 3/4 - 10 | 5K | EB3410 - Course Thread Carbon Steel |
| 985-0055 | 7/8 - 9 | 7K | EB7809 - Course Thread Carbon Steel |
| 985-0056 | 1 - 8 | 9K | EB1008 - Course Thread Carbon Steel |
| 985-0057 | 1 1/4 - 7 | 15K | EB114-7 - Course Thread Carbon Steel |
| 985-0058 | 1 1/2 - 6 | 21K | EB112-6 - Course Thread Carbon Steel |

***Do not exceed Safe Load.***

# Eyebolt Zinc Plated with Jam Nut




| | A Thread Dia.-TPI (UNF-2A) | B Shank Length | C Eye I.D. | D Eye O.D. | E Overall Length | F Eye Sec. Dia. | G Min. Thread Length | Rated Capacity (lbs) |
|---|---|---|---|---|---|---|---|---|
| EB1428 | 1/4-28 | 1.00-1.06 | .69-.81 | 1.19 | 2.06-2.38 | .19-.25 | .75 | 500 |
| EB3824 | 3/8-24 | 1.25-1.38 | .94-1.06 | 1.69 | 2.81-3.19 | .31-.38 | .88 | 1,300 |
| EB1220 | 1/2-20 | 1.50-1.62 | 1.12-1.25 | 2.12 | 3.50-3.88 | .44-.50 | 1.12 | 2,400 |
| EB3416 | 3/4-16 | 2.00-2.12 | 1.44-1.56 | 2.81 | 4.69-5.06 | .62-.69 | 1.62 | 5,000 |
| EB1012 | 1-12 | 2.50-2.62 | 1.69-1.81 | 3.56 | 5.94-6.31 | .88-.94 | 2.06 | 9,000 |
| EB1014 | 1-14 | 2.50-2.62 | 1.69-1.81 | 3.56 | 5.94-6.31 | .88-.94 | 2.06 | 9,000 |
| EB114-12 | 1 1/4-12 | 3.00-3.12 | 2.12-2.25 | 4.44 | 7.31-7.69 | 1.09-1.16 | 2.50 | 15,000 |
| EB112-12 | 1 1/2-12 | 3.50-3.62 | 2.44-2.56 | 5.19 | 8.56-8.94 | 1.31-1.38 | 3.00 | 21,000 |
| EB1420 | 1/4-20 | 1.00-1.06 | .69-.81 | 1.19 | 2.06-2.38 | .19-.25 | .75 | 500 |
| EB3816 | 3/8-16 | 1.25-1.38 | .94-1.06 | 1.69 | 2.81-3.19 | .31-.38 | .88 | 1,300 |
| EB1213 | 1/2-13 | 1.50-1.62 | 1.12-1.25 | 2.12 | 3.50-3.88 | .44-.50 | 1.12 | 2,400 |
| EB5811 | 5/8-11 | 1.75-1.88 | 1.31-1.44 | 2.56 | 4.19-4.56 | .56-.62 | 1.38 | 4,000 |
| EB3410 | 3/4-10 | 2.00-2.12 | 1.44-1.56 | 2.81 | 4.69-5.06 | .62-.69 | 1.62 | 5,000 |
| EB7809 | 7/8-9 | 2.25-2.38 | 1.56-1.69 | 3.19 | 5.31-5.69 | .75-.81 | 1.81 | 7,000 |
| EB1008 | 1-8 | 2.50-2.62 | 1.69-1.81 | 3.56 | 5.94-6.31 | .88-.94 | 2.06 | 9,000 |
| EB114-7 | 1 1/4-7 | 3.00-3.12 | 2.12-2.25 | 4.44 | 7.31-7.69 | 1.09-1.16 | 2.50 | 15,000 |
| EB112-6 | 1 1/2-6 | 3.50-3.62 | 2.44-2.56 | 5.19 | 8.56-8.94 | 1.31-1.38 | 3.00 | 21,000 |

# Load Receiver Plate Assembly

## Specifications

- 17-4 PH heat treated hardened receiver bearing
- Zinc plated carbon steel receiver base



## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0059 | 5/8 | 5K | LRA58 |
| 985-0060 | 7/8 | 10K | LRA78 |

***Do not exceed Safe Load.***

# Chrome Steel Ball Bearing



## Order Information

| B-TEK Part No. | Size (inches) | Safe Load | Model No. |
|---|---|---|---|
| 985-0061 | 5/8 Dia | 295K PSI | TS141 |
| 985-0062 | 7/8 Dia | 295K PSI | TS142 |

***Do not exceed Safe Load.***

# Stainless Steel Load Cup

## Specifications

- Heat treated / polished stainless steel construction



## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0063 | 1/2 - 20 | 5K | LC1220 |
| 985-0064 | 3/4 - 16 | 5K | LC3416 |

***Do not exceed Safe Load.***

# Stainless Steel Load Button

## Specifications

- Heat treated / polished stainless steel construction



## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0065 | 1/2 - 20 | 5K | LB1220 |
| 985-0066 | 3/4 - 16 | 10K | LB3416 |

***Do not exceed Safe Load.***

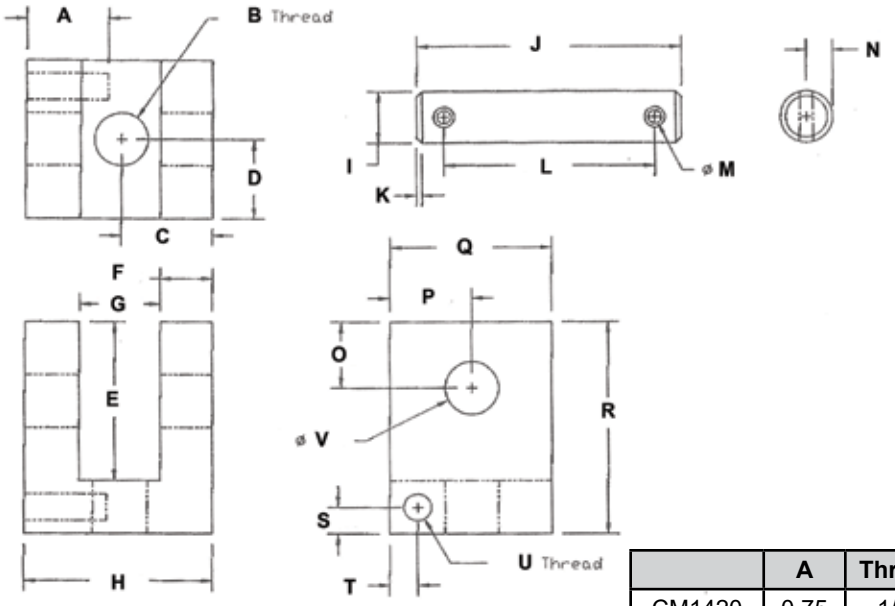
# Clevis Mount Block Complete with Pin / Jam Nut

## Specifications

- Not Included: Threaded rods, Rod Ends, or Load Cell
- Includes Zinc or Stainless

(1) Clevis
(1) Load pin
(2) Cotter pins
(2) Teflon insulating washers
(1) 4/20 machine screw for termination of grounding strap






| | A | Thread B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| CM1420 | 0.75 | 1/4-20 | 0.75 | 0.63 | 1.13 | 0.50 | 0.50 | 1.50 |
| CM3816 | 0.75 | 3/8-16 | 0.75 | 0.63 | 1.13 | 0.44 | 0.63 | 1.50 |
| CM1213 | 0.75 | 1/2-13 | 0.88 | 0.75 | 1.50 | 0.50 | 0.75 | 1.75 |
| CM5811 | 0.75 | 5/8-11 | 1.23 | 1.00 | 1.63 | 0.63 | 1.00 | 2.25 |
| CM3410 | 0.75 | 3/4-10 | 1.13 | 1.00 | 1.98 | 0.63 | 1.00 | 2.25 |

| | I | J | K | L | M | N | O | P | Q | R | S | T | Thread U | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CM1420 | 0.24 | 2.00 | 0.03 | 1.75 | 0.06 | 0.12 | 0.56 | 0.63 | 1.25 | 1.63 | 0.25 | 0.25 | 1/4-20 | 0.26 |
| CM3816 | 0.37 | 2.00 | 0.03 | 1.75 | 0.06 | 0.18 | 0.56 | 0.63 | 1.25 | 1.63 | 0.25 | 0.25 | 1/4-20 | 0.38 |
| CM1213 | 0.49 | 2.50 | 0.05 | 2.00 | 0.13 | 0.25 | 0.63 | 0.75 | 1.50 | 2.00 | 0.25 | 0.25 | 1/4-20 | 0.50 |
| CM5811 | 0.62 | 3.00 | 0.05 | 2.50 | 0.13 | 0.31 | 0.75 | 1.00 | 2.00 | 2.25 | 0.25 | 0.25 | 1/4-20 | 0.63 |
| CM3410 | 0.74 | 3.00 | 0.05 | 2.50 | 0.13 | 0.37 | 1.00 | 1.00 | 2.00 | 2.73 | 0.25 | 0.25 | 1/4-20 | 0.75 |

## Order Information

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0023 | 1/4 - 20 | 300 | CM1420 - Zinc Plated |
| 985-0024 | 3/8 - 16 | 300 | CM3816 - Zinc Plated |
| 985-0025 | 1/2 - 13 | 2.5K | CM1213 - Zinc Plated |
| 985-0026 | 5/8 - 11 | 3K | CM5811 - Zinc Plated |
| 985-0027 | 3/4 - 10 | 5K | CM3410 - Zinc Plated |
| 985-0028 | 1 1/4 - 7 | 15K | CM1417 - Zinc Plated |
| 985-0029 | 1 1/2 - 6 | 20K | CM1216 - Zinc Plated |

| B-TEK Part No. | Size (inches) | Safe Load lbs | Model No. |
|---|---|---|---|
| 985-0030 | 1/4 - 20 | 300 | CM1420SS - Stainless Steel |
| 985-0031 | 3/8 - 16 | 300 | CM3816SS - Stainless Steel |
| 985-0032 | 1/2 - 13 | 2.5K | CM1213SS - Stainless Steel |
| 985-0033 | 5/8 - 11 | 3K | CM5811SS - Stainless Steel |
| 985-0034 | 3/4 - 10 | 5K | CM3410SS - Stainless Steel |

***Do not exceed Safe Load.***

# Spherical Washer Sets



Stainless - Sets of 2



Carbon - Sets of 2

## Order Information

| B-TEK Part No. | Size (inches) | Model No. & Description |
|---|---|---|
| 900-300002 | 1.0 | 900-300002 - 1 Stainless Steel |
| 900-300004 | 0.5 | 900-300004 - 1/2 Stainless Steel |
| 900-300007 | 0.75 | 900-300007 - 3/4 Stainless Steel |

| B-TEK Part No. | Size (inches) | Model No. & Description |
|---|---|---|
| 100-130394 | 2.0 | 100-130394 - 2 Carbon Steel |
| 900-300008 | 1.5 | 900-300008 - 1.5 Carbon Steel |
| 900-300001 | 1.0 | 900-300001 - 1 Carbon Steel |
| 900-300006 | 0.75 | 900-300006 - 3/4 Carbon Steel |
| 900-300003 | 0.5 | 900-300003 - 1/2 Carbon Steel |
| 900-300005 | 0.25 | 900-300005 - 1/4 Carbon Steel |

# Printer Ribbons



## Order Information

| B-TEK Part No. | Model No. & Description |
|---|---|
| 835-100003 | 331-0102 Ribbon Spool 1/2” W x 32” L x 1-1/4” Dia<br>160/260/543/DP8340 |
| 835-100010 | 654-0100 Okidata 182/192/320/321/184/186/3500-S<br>Black Nylon Woven Loop |
| 835-100004 | 46D-0177 Ribbon TM295 290II M66SA<br>FB50-3930,3960 TOL8807 |
| 835-100007 | 659D-0100 TM300/200/U220/M118 |
| 835-100011 | 655D-0102 Citizen DP600 - IDP 3550 |
| 835-100013 | 660D-0177 Star Micronics SP300 Purple Nylon |
| 835-100014 | 691D-0177 Star SP200/500/298/2520 Ribbon Purple Nylon |
| 821-550108 | PL-180 Print Ribbon |

# Connectors

## 5-Position




## 6-Position




## 7-Position




### Order Information

| B-TEK Part No. | Model No. & Description | |
|---|---|---|
| 985-0089 | A | DMS3106E14S-5S-A-BSN-0 Straight Cable Plug 5 Socket |
| 985-0090 | B | DMS3106E14S-5P-A-BSN-0 Straight Cable Plug 5 Pin |
| 985-0091 | C | DMS3101E14S-5S-A-BSN-0 Straight Cable Receptacle 5 Socket |
| 985-0092 | D | DMS3101E14S-5P-A-BSN-0 Straight Cable Receptacle 5 Pin |
| 985-0093 | E | DMS3102E14S-5S-A Panel Mount Receptacle 5 Socket |
| 985-0094 | F | DMS3102E14S-5P-A Panel Mount Receptacle 5 Pin |
| 985-0095 | G | D/MS25043-14DK Dust Cap for Receptacle Size 14S |
| 985-0096 | H | D/MS25042-14DK Dust Cap for Plug Size 14S |
| 985-0097 | I | DMS3101E14S-6S-A-BSN-0 Straight Cable Receptacle 6 Socket |
| 985-0098 | J | DMS3106E14S-6P-A-BSN-0 Straight Cable Plug 6 Pin |
| 985-0099 | K | DMS3102E14S-6S-A Panel Mount Receptacle 6 Socket |
| 985-0100 | L | DMS3102E14S-6P-A Panel Mount Receptacle 6 Pin |
| 985-0101 | M | DMS3106E14S-6S-A-BSN-0 Straight Cable Plug 6 Socket |
| 985-0102 | N | DMS3101E14S-6P-A-BSN-0 Straight Cable Receptacle 6 Pin |
| 985-0103 | S | DMS3102E16S-1P-A Panel Mount Receptacle 7 Pin |
| 985-0104 | P | DMS3106E16S-1S-A-BSN-0 Straight Cable Plug 7 Socket |
| 985-0105 | Q | DMS3101E16S-1P-A-BSN-0 Straight Cable Receptacle 7 Pin |
| 985-0106 | R | DMS3101E16S-1S-A-BSN-0 Straight Cable Receptacle 7 Socket |
| 985-0107 | O | DMS3106E16S-1P-A-BSN-0 Straight Cable Plug 7 Pin |
| 985-0108 | T | DMS3102E16S-1S-A Panel Mount Receptacle 7 Socket |
| 985-0109 | U | D/MS25043-16DK Dust Cap for Receptacle Size 16/16S |
| 985-0110 | V | D/MS25042-16DK Dust Cap for Plug Size 16/16S |
| 861-000010 | | (1) Male Circ 5-pin connector w/pigtail end 20 ft IP68 |
| 861-000011 | | (1) Female Circ 5-pin connector w/pigtail end 5 ft IP68 |