



Features and Specifications

Full Electronic

- Unique electromechanical two load cell design offers field proven mechanical dependability with low maintenance
- Weighbridge design provides maximum strength by distributing weight through main girder beams
- Utilizes 65,000# stainless steel IP 67 rated load cells with stainless steel sheathed cable
- Utilizes parallel link suspension
- Surge voltage protection
- High-performance epoxy coating
- Decks available in either diamond plate steel or reinforced concrete
- End-wall bumper checking extends load cell life and reduces wear and tear on the scale
- Design alleviates dirt and debris build up found in typical applications
- Scale height is 37-1/4"
- Unique electro-mechanical two load cell design offers field proven mechanical dependability with low maintenance
- Weighbridge design provides maximum strength by distributing weight through main girder beams
- Utilizes parallel link suspension with heavy-duty pipe lever system
- High-performance epoxy coating
- End-wall bumper checking
- Standard platform sizes available from 35' to 105' in length with widths from 8' to 13'
- Decks available in either diamond plate steel or reinforced concrete
- Design alleviates dirt and debris build up found in typical applications
- Scale height is 39-13/16"

Electro-Mechanical

- Unique electro-mechanical two load cell design offers field proven mechanical dependability with low maintenance
- Weighbridge design provides maximum strength by distributing weight through main girder beams
- Utilizes parallel link suspension with heavy-duty pipe lever system
- High-performance epoxy coating
- End-wall bumper checking
- Standard platform sizes available from 35' to 105' in length with widths from 8' to 13'
- Decks available in either diamond plate steel or reinforced concrete
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- Scale height is 39-13/16"



STEEL DECK PIT SCALE

ISO 9001 REGISTERED



General Specifications -
CPR Analog Compression Column Load Cell Package

Certificate of Conformance: 97-116

Type: Pit

Scale Capacity: Up to 200,000 lbs.

Concentrated Load Capacity: 80,000 lbs.

Scale Height: 30"

Available Widths: 8' - 13'

Weighbridge Deck: 3/8" tread plate decking

Factory bolted decking for ease of replacement and scale cleanout

Steel Preparation: Commercial blast cleaning SSPC-SP6

Paint System: Cross-Linked two-part Epoxy - 2 to 4 mil primer base coat

Two-part UV resistant Polyurethane - 3 to 5 mil top coat

Load Cell: 75K CPR 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 coating, integral

Junction Box: NEMA 4X FRP enclosure(s) and B-TEK 4-cell summing board with GDT surge protection

Surge Protection: CPR analog load cells utilize ground straps and base plate isolation disc

Surge protection enhanced by Tesco-7C line transient protection device

Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship

2-Year parts warranty covering load cells from failure or damage due to lightning

Indicator: Not included with analog cell version

General Specifications -

Optional CPD-M Digital Load Cell Package

Certificate of Conformance: 97-116

Type: Pit

Scale Capacity: Up to 200,000 lbs.

Concentrated Load Capacity: 80,000 lbs.

Scale Height: 30"

Available Widths: 8' - 13'

Weighbridge Deck: 3/8" tread plate decking

Factory bolted decking for ease of replacement and scale cleanout

Steel Preparation: Commercial blast cleaning SSPC-SP6

Paint System: Cross-Linked two-part Epoxy - 2 to 4 mil primer base coat

Two-part UV resistant Polyurethane - 3 to 5 mil top coat

Load Cell: 75K CPD-M digital compression column load cell, RS-485 digital output

Stainless steel hermetically sealed (IP68) construction

Load Cell Cable: Stainless steel sheathed cable with clear polymer coating & water-tight connectors

Junction Box: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection

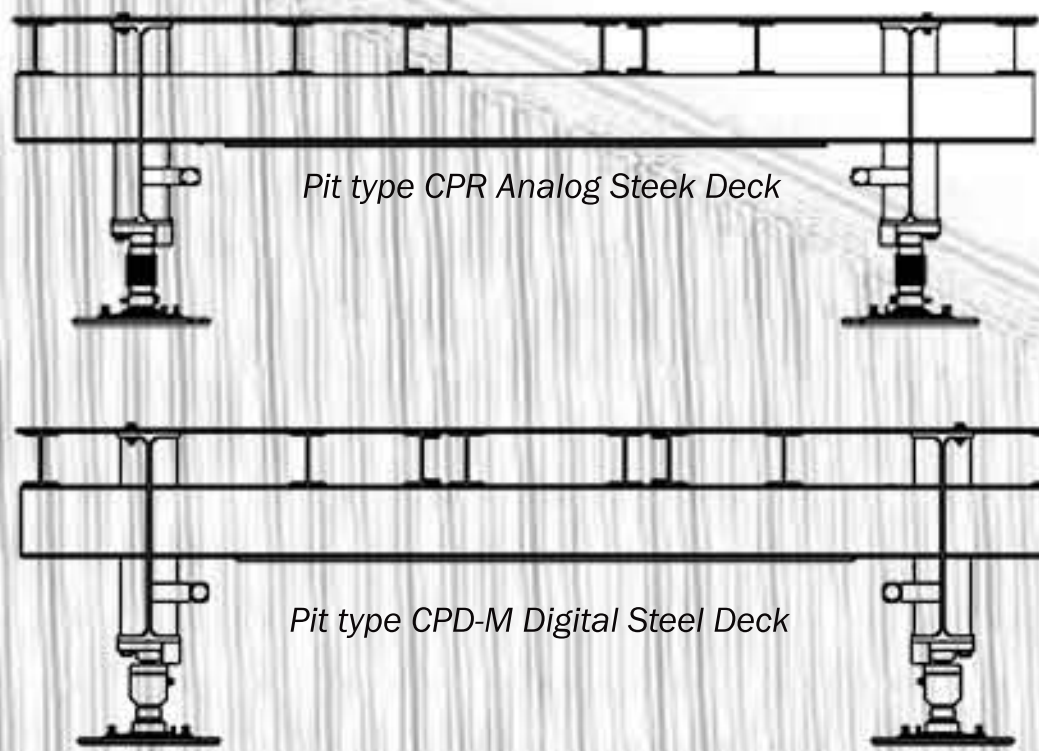
Surge Protection: CPD-M digital load cells along with Dialogik indicator protect against lightning

Built-in surge protection enhanced by Tesco-7C line transient protection device

Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship

5-Year parts warranty covering load cells from failure or damage due to lightning

Indicator: Supplied with a Dialogik D410 desk-top digital indicator (required)



EXPERIENCE. B-TEK Scales has a proud history that reaches back further than its 1994 inception. With multi-generational trade experience, the B-TEK team brings over 75 years of industry know-how to the table. That long-term knowledge of the weighing industry enables B-TEK Scales to focus on bringing new and innovative solutions to our truck scale customers.

TECHNOLOGY. In 2003, to continually improve the technology B-TEK Scales offers its customers, B-TEK announce a joint venture with the Bilanciai Group of Modena, Italy. Bilanciai Group manufactures more than 2,200 motor truck scales per year, worldwide. Bilanciai Group's advanced manufacturing techniques and scale technologies, in conjunction with B-TEK Scales' outstanding truck scale product lines, yields many advantages that B-TEK's competitors can't offer. The B-TEK and Bilanciai Group joint venture is headquartered in Canton, Ohio USA.

EXTENSIVE PRODUCT LINE. B-TEK Scales offers an extensive line of eight styles of motor truck scales spanning across all industry applications. From agricultural to industrial steel, coal and aggregate applications, B-TEK Scales offers a variety of scale solutions for a wide range of budgets and requirements. B-TEK Scales has the ability to manufacture full electronic digital, analog and electro-mechanical motor truck scales.

CUSTOMIZATION. B-TEK is proud to be known for its ability to manufacture custom scale platforms. From non-standard sizes to retrofitted components, B-TEK's commitment to quality and service will deliver a product that fits seamlessly within our customers' current configurations.



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