

Centurion DT

Digital Truck Scale-Steel Deck

Smart
Strong
Skilled

The B-TEK Centurion provides our industry-leading combination of durability, reliability and innovation. Weigh vehicles with confidence, accuracy and repeatability. The Centurion not only delivers outstanding long-term performance and value, it also offers exclusive features including our advanced CPD-M TruDigital load cells, large top access cover plates, thick deck plate and elongated end wall clearance. With a wide array of sizes, options, modifications and accessories, the Centurion can fulfill any vehicle weighing needs.



Data

CPD-M TruDigital load cells house a nexus of information, allowing for continuous monitoring.

Access

With portal access from anywhere, you can rely on TruDigital information to be there when you need it most.

Monitoring

The core of TruDigital is Nexia, B-TEK's live monitoring software.

Accuracy

Deliver optimized weighing results in less than a hundredth of a second.



TruDigital Load Cell Technology

Advanced technology powered by live monitoring systems and cloud based software

Debris Build-up Protection

Unique weighbridge design and load cell placement prevents dirt, snow and ice from interfering with weighing

Best In Class Design

WF-Beam weighbridge with 3/8" tread plate decking

Stainless Digital Load Cells

IP68/69K hermetically sealed for superior moisture protection

Large Top Cover Plates

Better access for service and debris clean-out

Lightning Resistant

Multi-level protection to resist surge voltage and lightning damage

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Options

- Advanced Windows-based DD Indicators
- Hot Dip Galvanizing
- Sight Rail
 - Single or Double Pipe
 - Red or Safety Yellow
- Catwalks and Stairs
- Scale Height Risers
- Manholes
- Grain Dump-thru
- Drip Pits
- Custom Paint Color
- Traffic Signaling Devices
- Remote Displays
- ScaleSoft Truck Management Software

Specifications

- NTEP Certificate of Conformance: 03-096A3
- Above ground flat top and pit installation
- Scale Capacity: up to 270,000 lb
- Concentrated Load Capacity: 100,000 lb standard - up to 120,000 lb
- "r" Factor Rating: 2.94
- Scale Height: 16"
- Available Widths: 10' - 14'
- Weighbridge Deck: 3/8" tread plate decking
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross linked two-part epoxy primer followed by polyurethane topcoat
- Load Cell: 77K CPD-M digital load cell, stainless hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer coating
- Junction Box: NEMA 4X stainless steel enclosure(s)
- Surge Protection: Load cell isolation disc, grounding straps, GDT devices and AC line protection
- Warranty: 5-Years covering parts/labor/travel on weighbridge, load cells and junction box - includes lightning

