

CENTURION-DT

TRUCK SCALE

CUTTING-EDGE TECHNOLOGY

Over 95 years of combined manufacturing experience

CENTURION-DT TRUCK SCALE

B-TEK's Centurion-DT Truck Scale is built from the ground up with cutting edge technology designed to provide unmatched reliability and accuracy. The Centurion-DT achieves this industry leading performance through the use of the B-TEK CPD-M Digital Load Cell, unique beam design, and advanced manufacturing practices. These features are designed to work together to stand up to the harshest environments.

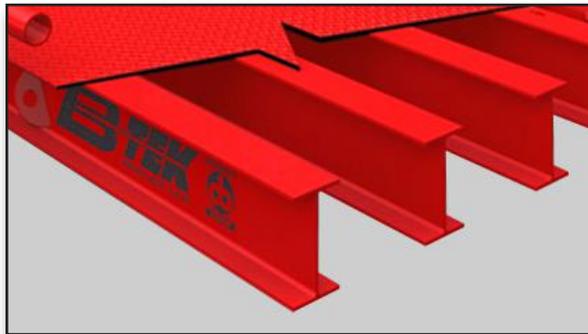


CPD-M Digital Load Cell

The Centurion Truck Scale is empowered by industry-leading CPD-M Digital Load Cells. This unit offers robust construction and measurement technology far superior to traditional analog output load cells. The hermetically sealed design protects the load cell from water and lightning damage. The CPD-M Digital load cell has the capability to weigh in 10 lb. resolutions. Continuous diagnostic self-checks and instantaneous adjustment to environmental changes ensures error-free performance, superior accuracy and industry-leading, long-term measurement stability.

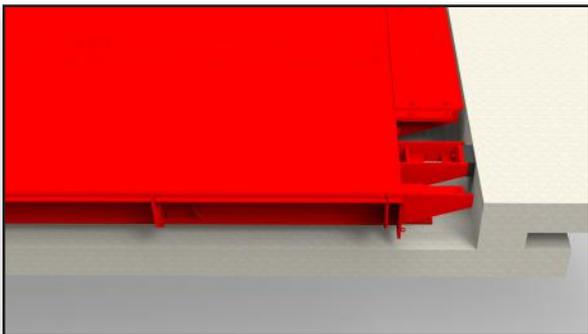
The Digital Difference

Our digital load cells and indicators are designed to minimize downtime due to repair or calibration. When it comes to performance, uptime and accuracy, nothing compares to a fully-digital scale. We call this the Digital Difference. Fully-digital scales provide lightning resistance, data redundancy stored calibrations and proven long-term measurement stability. They also provide all the data points needed to remotely monitor and troubleshoot your scales through B-TEK Nexia software.



Heavy Steel Beam Design

The Centurion's design focuses on strength and stability. Each module is constructed using structural steel I-Beams which provide superior support compared to competitor's weighbridges which are built using bent plate material. The Centurion's open beam design also allows for continuous airflow around the beams lowering the risk of rust or corrosion.



Full Access Cover Plates / End-Wall Clearance

The Centurion-DT's modular weighbridge features full-width sectional and center cover plates that make each load cell accessible for easy installation, calibration, and replacement, decreasing scale downtime.

The Centurion-DT's design positions the load cells 14" from the end-wall. This positioning prevents dirt, debris, or ice from interfering with the scale's operation.

DECK OPTIONS

CONCRETE

The Centurion-DT's 8" concrete deck option improves traction in times of inclement weather.

GALVANIZED

A hot dip galvanized finish weighbridge will stand up in the toughest conditions.



WARRANTY

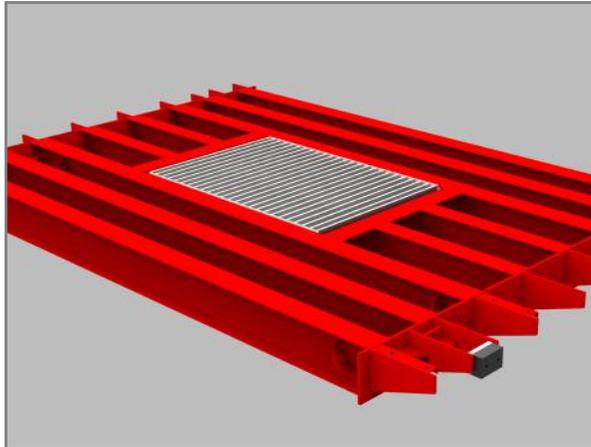
The Centurion-DT has an available industry leading "End-Wall to End-Wall" 10-Year warranty which includes coverage for lightning strikes.

HARDWARE OPTIONS

CATWALK



GRAIN DUMP



RISERS



SYSTEM OPTIONS

STEEL DECK

The Centurion-DT is the only truck scale on the market to come standard with a 3/8" steel deck plate.



*Shown with optional single pipe sight rail.



DD Series

The DD Series terminals combine computer programming power and flexibility together with the measuring requirements of a weighing instrument.



Traffic Lights

B-TEK's traffic control packages are available in single or multiple light configurations.

Scoreboard

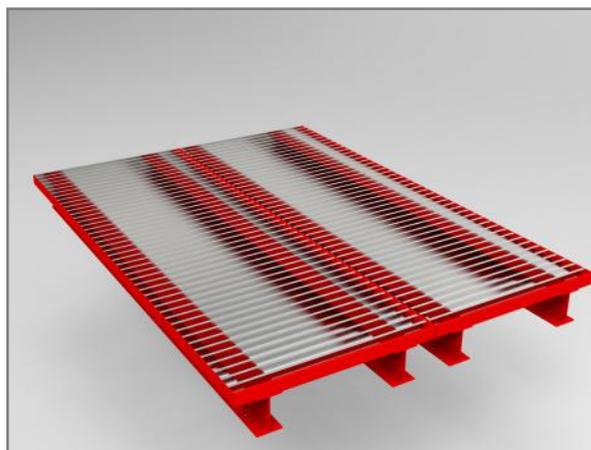
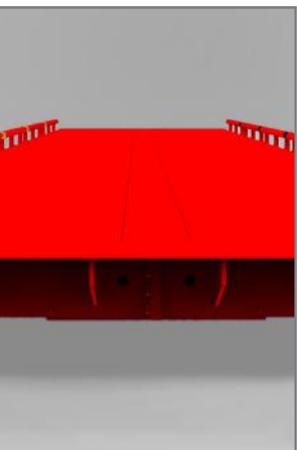
These high-intensity LED displays are designed to ensure proper visibility in any environment.



ScaleSoft.NET

B-TEK's truck management software is fast, flexible and easy to use.

DRIP PITS



DOUBLE PIPE SIGHT RAIL



CHOOSE THE RIGHT TRUCK SCALE

When comparing other truck scales, make sure you choose the right one for your application. B-TEK Scales, LLC truck scale line is the right choice for you no matter which one you choose.

	Centurion-DT	Hybrid-DT	Endurance-AT
Capacity	270,000 lbs	270,000 lbs	200,000 lbs
CLC	100,000 -120,000 lbs	80,000 lbs	70,000 lbs
Width	10' - 14'	10' - 14'	11'
Length	12' - 140'	12' - 140'	70'
Deck Height	16"	16"	16"
Plate Thickness	3/8" Tread Plate	1/4" Tread Plate	1/4" Tread Plate
Weighbridge End Plates	3/4" x 12" Plate	3/4" x 12" Plate	3/4" x 12" Plate
End Wall - Load Cell Distance	14"	14"	6"
Structural Beams	10"	12"	12"
Load Cell Access	Large Top Access Cover Plates		
Steel Beam Prep	Shot Blast Cleaned to SSPC-SP6		
Load Cell Capacity / Type	77,000 lbs & 110,000 lbs / Digital CPD-M		77,000 lbs & 110,000 lbs / Analog CPR-M
Load Cell Material / Sealing / IP Rating	Stainless / Hermetically / IP68 / IP69K		Stainless / Hermetically / IP68
Load Cell Output	RS-485 Direct Digital Output		Analog - mV Output
Load Cell Cable	Removable / Polymer Coated / Stainless Steel Sheathed Cable		Integral / Polymer Coated / Stainless Steel Sheathed Cable
Load Cell Gathering Box	Stainless Steel NEMA 4X Metal Cable Strain Reliefs		Fiberglass Reinforced Plastic NEMA 4X Protection
Gathering Card/ Summing Board	8-Cell Passive Gathering Card / No Adjustment Pots Needed		4-Cell Summing Boards with GDT Surge Protection Devices
Indicator	B-TEK DD700 ABS Indicator Included		B-TEK Indicator (Optional)
Printer	TM-U295 Ticket Printer Included		TM-U295 Ticket Printer (Optional)
Ideal Traffic	Heavy Traffic	Moderate Traffic	Light Traffic
Warranty	Digital: 5-Year or 10-Year "End-Wall to End-Wall" warranty covering weighbridge, gathering box, load cells, labor and travel.	Digital: 5-Year "End-Wall to End-Wall" warranty covering weighbridge, gathering box, load cells, labor and travel.	Customizable warranty options available covering items such as the weighbridge, J-BOX, and load cells.



UNMATCHED EXCELLENCE. B-TEK manufactures a full line of the longest lasting truck scales, rail scales, and floor scales on the market. B-TEK also manufactures industry-leading industrial scales and weighing equipment for any application. Due to B-TEK's wide range of options and materials, we are a leading provider of high quality industrial scales.

EXPERIENCE. B-TEK 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. This long-term knowledge of the weighing industry enables B-TEK Scales to focus on innovation and developing high quality solutions for our customers.

TECHNOLOGY. In 2003, B-TEK announced a joint venture with the Bilancial Group of Modena, Italy, the largest truck scale manufacturer in the world. The Bilancial Group's advanced manufacturing techniques, combined with B-TEK's outstanding product lines, provides customers with the highest quality and longest lasting scales in the world.

EXTENSIVE PRODUCT LINE. B-TEK offers an extensive line of truck scales spanning across all industry applications and sizes. As a comprehensive scale manufacturing company, B-TEK designs and builds solutions for a wide range of industries such as agricultural, logistics, industrial, steel, coal, waste, recycling, and aggregate. B-TEK has the ability to manufacture standard and custom scales in full electronic digital, analog, and electro-mechanical configurations.

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

ADVANCED MANUFACTURING. Through the use of cutting-edge manufacturing techniques the Centurion-DT continues to set the standard of quality within the truck scale industry. From B-TEK's plasma cutting table designed to hold aircraft quality tolerances to our steel cleaning and painting line, each and every operation is designed to build the most reliable truck scales on the market.

HIGH QUALITY CRAFTSMANSHIP. B-TEK's truck scales are assembled by highly skilled individuals who bring decades of experience to each operation. Combine these individuals with a culture dedicated to high quality and the result is a weighbridge constructed with a level of accuracy that cannot be matched.

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B-TEK Distributor

