

Heavy-Duty Truck Scale

Built to Last



POWERCELL Accuracy

POWERCELL® PDX® load cells save you money by providing the most accurate vehicle weighing in the industry. A built-in microprocessor maintains accuracy by compensating for temperature changes and other environmental factors that cause weighing errors in conventional load cells.



High Reliability

POWERCELL® PDX® load cells reduce downtime and maintenance costs. Their unique network eliminates the junction boxes that are the biggest source of problems for most technologies. A predictive diagnostics system monitors load-cell performance and verifies the network's health.



Lightning Protection

The specially designed StrikeShield™ lightning protection system helps prevent costly downtime by using multiple levels of protection to safeguard your entire scale system: load cells, cables, and terminal. It is the only system that has withstood multiple lightning strikes in tests by third-party laboratories.



Proven Performance

Using the "Module Masher" accelerated-life-cycle test stand, actual scale modules are tested for 2.5 million cycles with a minimum 100,000-lb dual-tandem-axle live load fire pattern (equal to 20 years of truck traffic). This is one way we go beyond the competition to ensure that you get the most reliable scale in the industry.



7563 Truck Scale

The robust 7563 truck scale is designed for reliable weighing in demanding applications. Whether you are weighing heavy off-road haul trucks or high volumes of over-the-road trucks, this scale is strong enough to handle the job. Life-cycle testing has proven the orthotropic weighbridge's ability to stand up to the real-world demands of vehicle weighing over a long service life. By combining the strength of a heavy-duty orthotropic weighbridge with the reliability of POWERCELL® PDX® load cells, this truck scale ensures that you will get years of trouble-free weighing even in the harshest environments and toughest applications. Model 7563 can be supplied as two side-by-side platforms that are wide enough to weigh large off-road vehicles.

7563 Truck Scale

Heavy-Duty Steel Deck Weighbridge

Specifications	
Deck Plate Thickness	5/16 in (8 mm)
End Plate Thickness	3/4 in (19 mm)
Rib Thickness	Outside: 3/8 in (10 mm), Others: 1/4 in (6 mm)
Number of Ribs	7
Rib Heights	9-5/8, 11, 13-3/8 in (244, 279, 340 mm)
Scale Widths	9 ft 9 in, 9 ft 11 in, 10 ft, 11 ft, 11 ft 10 in, 14 ft, 16 ft (2.97, 3, 3.04, 3.3, 3.6, 4.2, 4.8 m)
Scale Lengths	15 to 140 ft (4.6 to 42.7 m)
Profile	17 in (432 mm)
Module Lengths	15, 17.5, 20 ft (4.6, 5.3, 6.1 m)
Foundation Types	Variable Footer, Beam Slab, Pit
Design Trucks (Side-by-Side)	CAT 773, Euclid R50
Capacity (Single Width)*	120,000 lb (scale lengths ≤ 20 ft) 200,000 lb (scale lengths > 20 ft)
Capacity (Side-by-Side)	240,000 lb (scale lengths ≤ 20 ft) 400,000 lb (scale lengths > 20 ft)
eMin	20 lb (10 kg)
nMax	10,000 divisions
Concentrated Load Capacity (Single Width)	100,000 lb (36,287 kg)
Concentrated Load Capacity (Side-by-Side)	100,000 lb (36,287 kg) per side
NTEP Certificate	96-092A5

*Note: 200,000 lb is the maximum gross capacity that a single-width truck scale can have and still maintain 20-lb increments in legal-for-trade applications.

Features	Benefits
50t POWERCELL® PDX® Load Cells	Stainless steel load cells provide highest accuracy and reliability (IP68/IP69K).
StrikeShield™ Lightning Protection	Protects your system from lightning damage.
International Intergard® Finish	Protects steel against corrosion even in the harshest environments.
Orthotropic Weighbridge	Built to handle heavy vehicles and high volumes of traffic.



Scale Terminals



Remote Displays



Software



Unattended Terminals

Options

- Scale Terminals
- Remote Displays
- DataBridge™ Vehicle Scale Software
- Unattended Driver Terminals
- High-Clearance Risers
- Manholes
- Side Rails
- Wear Plates

Applications

For weighing off-road and over-the-road vehicles in a variety of applications, including:

- Mining
- Forest Products
- Solid Waste
- Aggregates
- Bulk Foods
- Scrap Metals
- Steel Mills
- Utilities
- Chemicals



Produced in a facility that is



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Subject to technical changes.
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