

Proven Performance for Weighing Over-the-Road Trucks



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 1 million cycles with a minimum 60,000-lb dual-tandem-axle live load tire 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.



7560CD Truck Scale

The 7560CD truck scale has proven its ability to weigh over-the-road trucks reliably. Its driving surface is a thick concrete deck supported by a heavy-duty steel pan with reinforcing L-beams. Extending the full length of each scale module, the L-beams increase the rigidity and strength of the weighbridge. This composite design makes effective use of both materials: the concrete driving surface provides strength in compression, while the steel structure handles tension forces. The result is a durable weighbridge capable of standing up to truck traffic over a long service life.

7560CD Truck Scale

Concrete Deck Weighbridge

Specifications	
Concrete Thickness	8 in (203 mm)
End Plate Thickness	3/8 in minimum (10 mm)
Bottom Plate Thickness	10 gauge minimum
L-Beam Thickness	1/4 in minimum (6 mm)
L-Beam Height	6 in (152 mm)
Number of L-Beams	9
Concrete per Module	15-ft module: 3.8 cubic yards
11-ft-wide Modules	17.5-ft module: 4.5 cubic yards
Module Lengths	15, 17.5 ft (4.6, 5.3 m)
Scale Widths	9 ft 10 in, 10 ft, 11 ft, 12 ft (3, 3.04, 3.3, 3.7 m)
Scale Lengths	10 to 160 ft (3 to 48.8 m)
Profile	11.5 in (292 mm), 1/4-in shims nominal
Usage	50,000 trucks per year (average 200 trucks per day)
Capacity*	70,000 lb (scale lengths ≤ 17.5 ft) 120,000 lb (scale lengths > 17.5 ft, < 60 ft) 200,000 lb (scale lengths ≥ 60 ft)
Foundation Types	Variable Footer, Beam Slab, Shallow Pit, Deep Pit
eMin	20 lb (10 kg)
nMax	10,000 divisions
NTEP Handbook 44 Tested: Concentrated Load Capacity	60,000 lb (27,215 kg)
NTEP Certificate	88-243A4

*Note: 200,000 lb is the maximum gross capacity that any 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.
Top Access to Load Cells	Makes it easy to perform inspections and maintenance.



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
- Dolly Landing Pads
- Blow-By Shields
- Multiple-Platform Configurations

Applications

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

- Solid Waste
- Ports
- Forest Products
- Bulk Foods
- Agriculture
- Aggregates
- Scrap Metals
- Utilities
- Chemicals
- Dairy



Produced in a facility that is



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