

Weigh Payloads Accurately for the Heaviest Off-Road Vehicles



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.



Optional Portable Scale

The optional 7566 portable truck scale can be moved from site to site quickly and easily. Lift the scale and its steel frame together, set them on level ground, and form an earthen ramp at each end. There is no need for a concrete foundation and no assembly required when relocating the scale.



7566 Truck Scale

This extreme-duty scale is designed to handle the world's largest and heaviest off-road trucks. It is available as a single-width platform (11 feet, 10 inches wide) or two side-by-side platforms (19 feet, 9 inches wide) for larger vehicles. The steel weighbridge's extra-thick deck plate is reinforced by heavy-duty steel ribs. This robust design has the structural strength needed to withstand the highly concentrated loads exerted by mining trucks and other heavy vehicles. POWERCELL® PDX® load cells deliver high-accuracy weighing, enabling you to maximize payloads without overloading trucks. Their advanced weighing technology is vital to increasing productivity while protecting your vehicles against costly damage.

7566 Truck Scale

Extreme-Duty Steel Deck Weighbridge

Specifications	
Deck Plate Thickness	3/8 in (10 mm)
End Plate Thickness	3/4 in (19 mm)
Rib Thickness	3/8 in (10 mm)
Number of Ribs	7 (3 large, 4 small)
Rib Heights	15-1/4, 12-7/16 in (387, 316 mm)
Scale Widths*	11 ft 10 in, 19 ft 9 in (3.6, 6 m)
Scale Lengths	15 to 120 ft (4.6 to 36.6 m)
Profile	29-5/8 in (752 mm), 1/4-inch shims
Module Lengths	15, 17.5, 20 ft (4.6, 5.3, 6.1 m)
Foundation Types	Variable Footer, Beam Slab
Design Trucks (Side-by-Side)	CAT 777, Euclid R90, Komatsu 330
Capacity (Single Width)	190,000 lb (scale lengths ≤ 15 ft) 300,000 lb (scale lengths > 15 ft)
Capacity (Side-by-Side)	350,000 lb (scale lengths ≤ 15 ft) 500,000 lb (scale lengths > 15 ft)
eMin	20 lb (10 kg)
nMax	10,000 divisions
Concentrated Load Capacity (Single Width)	130,000 lb (58,967 kg)
Concentrated Load Capacity (Side-by-Side)	130,000 lb (58,967 kg) per side
NTEP Certificate	00-077A3

*Note: Greater widths can be provided by increasing the gap between the side-by-side platforms.

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 the heaviest off-road vehicles.



Scale Terminals



Remote Displays



Software



Unattended Terminals

Options

- Scale Terminals
- Remote Displays
- DataBridge™ Vehicle Scale Software
- Unattended Driver Terminals
- Portable Scales
- High-Clearance Risers

Applications

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

- Mining
- Aggregates
- Forest Products
- Steel Mills
- Utilities



Produced in a facility that is



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