

Designed for Performance Galvanized for Longevity



Premium Performance

POWERCELL® PDX® load cells deliver the same advanced weighing capabilities that you get with our premium concrete-deck scale. They provide the highest accuracy and unequalled reliability, even in extreme climates and environments.



Galvanized Longevity

The scale's steel frame is hot-dip galvanized for an exceptionally long life. By completely covering all steel surfaces, the galvanizing process provides superior rust protection. Galvanized steel has proven its ability to resist corrosion in industrial environments for many decades.



Lightning Protection

The 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. Tests by independent laboratories have proven its ability to withstand lightning strikes.



Proven Durability

Using the "Module Masher" accelerated-life-cycle test stand, we have tested actual scale modules for 1 million cycles with a minimum live load of 60,000 lb. These tests verify the scale's ability to handle the real-world demands of vehicle weighing.



VTC191 Truck Scale

Model VTC191 delivers premium performance and extreme longevity at an affordable price. This concrete-deck truck scale is designed to weigh highway vehicles in commercial-duty applications. By combining POWERCELL® PDX® technology with a galvanized finish, the VTC191 truck scale has the staying power to handle your work load for many years to come:

- POWERCELL® PDX® load cells use advanced diagnostic capabilities to ensure maximum longevity with minimum maintenance.
- The scale's steel frame has a galvanized finish for a long, maintenance-free life.
- The scale is designed to be weatherproof, resisting rust, moisture damage, and lightning damage.

VTC191 Truck Scale

Concrete Deck Weighbridge

Specifications	US	Metric
Concrete Thickness	11.25 in	286 mm
Scale Widths	10 ft, 11 ft	3 m, 3.4 m
Scale Lengths	17.5 to 120 ft	5.3 to 36.6 m
Profile	14.5 in	368 mm
Module Lengths	17.5 ft, 20 ft	5.3 m, 6.1 m
Capacity*	120,000 lb (\leq 20 ft) 200,000 lb ($>$ 20 ft)	60 tons (\leq 6.1 m) 100 tons ($>$ 6.1 m)
Concentrated Load Capacity	80,000 lb	40 tons
eMin	20 lb	10 kg
nMax	10,000 divisions	
Steel Type	ASTM A 123, hot-dip galvanized	
Foundation Type	Variable Footer	
NTEP Certificate	14-099	

*Note: 200,000 lb (100 tons) is the maximum gross capacity that any truck scale can have and still maintain 20-lb (10-kg) increments in legal-for-trade applications.



Hot-dip galvanizing coats the steel surface with a protective layer of zinc. By dipping the steel in a bath of molten zinc, the process covers the steel components completely, inside and out. Galvanized steel provides maintenance-free corrosion protection for the life of your scale.

Applications

Suitable for weighing over-the-road vehicles in a wide variety of applications:

- Agriculture
- Bulk Foods
- Landfills
- Warehouses
- Scrap Metals
- Utilities
- Chemicals

Features	Benefits
StrikeShield™ Lightning Protection	Prevents lightning damage to load cells and other equipment.
Galvanized Finish	Protects steel against corrosion even in the harshest environments.
50t POWERCELL® PDX® Load Cells	Stainless steel load cells provide highest accuracy and reliability.
Top Access to Load Cells	Makes it easy to perform inspections and maintenance.

Options:

- Remote Displays
- Scale Terminals
- Unattended Driver Terminals
- DataBridge™ Vehicle Scale Software



Remote Displays



Scale Terminals



Unattended Terminals



Software



Produced in a facility that is



Mettler-Toledo, LLC

1900 Polaris Parkway
Columbus, Ohio 43240
Tel. (800) 786-0038
(614) 438-4511
Fax (614) 438-4900

Subject to technical changes.
© 2015 Mettler-Toledo, LLC
12/2015
30138562

www.mt.com/vehicle

For more information