

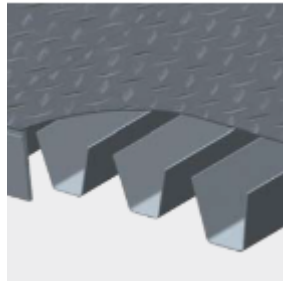
Orthotropic steel weighbridge

Accurate, Reliable and Easy for maintenance



POWERCELL PDX® Load cell

POWERCELL PDX Load cells deliver the ultimate in vehicle weighing with unequalled accuracy and reliability. They eliminate junction boxes and are hermetically sealed for use in the toughest environments. The predictive diagnostics system monitors performance and reports on network health.



Orthotropic Design

Model VTS257 handles the forces generated by normal truck traffic, distributing concentrated loads more effectively than standard I-beam deck structures. The orthotropic design is similar to those used on the Golden Gate Bridge and other heavily travelled highway bridges around the world.



Lightning Protection

The specially designed Strike Shield 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 been tested by third-party laboratories and withstood multiple lightning strikes.



Proven Performance

Using the unique "Module masher" accelerated lifecycle test stand, every new design weighbridge module have to be tested at full design load. It is one way MT goes beyond the competition to ensure that you get the most reliable scale in the industry.



VTS257 POWERCELL PDX Truck Scale

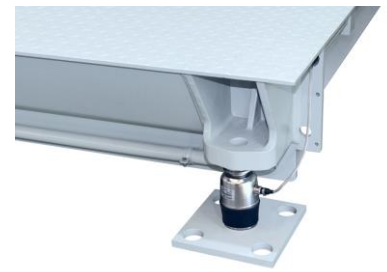
VTS257 Digital Truck scale is the economical product which is focused on medium weighing frequency and normal axle load application. VTS257 Truck scale can be widely used in transportation, port, food, environmental protection, discrete manufacturing and refinery industry. VTS257 truck scale can meet various customer's requirement.

POWERCELL PDX Load cell (Model number: SLC820) adopted brand-new design concept, and it bring the reliability of truck scale to the higher level. The built-in microprocessor of Load cell can compensate the outside change impact, such as temperature, non-linearity, hysteresis, voltage fluctuation and creep, so it provides much more accurate weighing solution to the customer.

The entire weighing system also can be equipped with peripherals like printers, ADI remote display, PCs and with truck weighing software to meet the customer's specific requirements.

VTS257 POWERCELL PDX Truck Scale

Cycle duty, normal axle load application



Technical data

Accuracy		III													
Weighbridge configuration	MAX capacity (t)	e (kg)	CLC (t)	L(m) \ W(m)	7	10	12	14	15	16	18	20	21	22	24
		60	20	40	3 3.4		•	•							
	80	20/50	40	3 3.4					•	•	•	•	•	•	•
	100	20/50	40	3 3.4					•	•	•	•	•	•	•
	100	20/50	60	3 3.4					•	•	•	•	•	•	•
	120	20/50	60	3 3.4					•	•	•	•	•	•	•
	120	20/50	80	3.4					•	•	•	•	•	•	•
	150	20/50	80	3.4					•	•	•	•	•	•	•
Configuration	POWERCELL PDX® Load Cell, IND560 Terminal														
Foundation	Shallow pit type or Pitless type														
HR cable(m)	Up to 300m														
Operating environment	Terminal	-10°C ~ +40°C													
	Load cell	-40°C ~ +55°C													
Humidity	<95%														
Power supply	Voltage: 100~240VAC, Frequency: 50/60Hz														



* The weighbridge can be customized according to actual requirement

Features	Benefits
POWERCELL® PDX® Load Cells	Stainless steel load cells provide highest accuracy and reliability(IP68/IP69K)
POWERCELL PDX Network	Eliminates junction boxes and monitors network health
Strike shield™ Lightning Protection	Protects your system from lightning damage
Innovative bumper system and robust coupler	Easy for maintenance, reliable
Advanced weighing terminal	Flexible, Reliable, Feature-rich and versatile

Options

- Weighing system
- PC and software
- Printers
- ADI Remote display
- Side rail kits/Dust-proof kits/Checking rod kits
- Optional complete checker deck plate



Weighing system



PC and Software



Printer



ADI Remote display



Side rail kits