

Weigh Individual Axles Quickly and Accurately



Axle Weighing

A multi-platform scale captures individual weights for a truck's steering axle, drive axle, and trailer axle. It provides the weight data needed to meet legal requirements by verifying that a truck is properly loaded.



Scale Terminals

Get the most out of your scale with a terminal designed specifically for vehicle weighing. Our full-featured terminals simplify weighing operations by controlling the vehicle weighing sequence, traffic lights, and gates.



One-Step Weighing

Don't waste time repositioning trucks to weigh each axle. A multi-platform scale uses independent platforms to weigh all axles simultaneously, while calculating the gross weight of the entire truck.



Reliability

METTLER TOLEDO multi-platform scales are built to handle large volumes of over-the-road traffic. Both steel deck and concrete deck scales feature robust orthotropic ribs to provide many years of reliable weighing.



Multi-Platform Scales

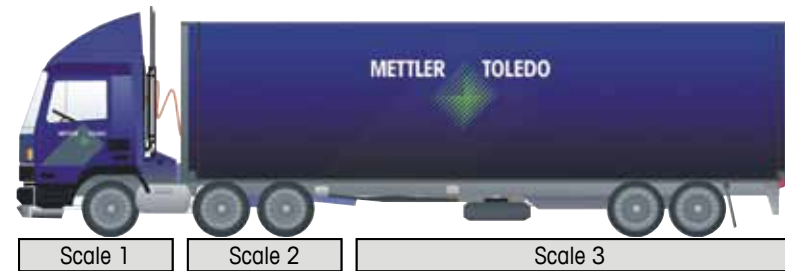
Save time with one-step axle weighing. A multi-platform scale captures a truck's gross weight and legal weights for individual axles in a single weighing. It provides the accurate weights you need to avoid the fines, delays, and liability associated with improperly loaded trucks. Typical axle scales, on the other hand, are not legal for trade and can cause weighing errors of more than 1,000 pounds. METTLER TOLEDO offers multi-platform scales with steel or concrete driving surfaces. A scale consists of three or more weighing platforms on a common foundation. Each platform functions as an independent scale to capture the weight of each truck axle and sum those weights to determine the gross weight of the truck. The operation is as quick and easy as conventional vehicle weighing.

Multi-Platform Truck Scale

Steel Deck or Concrete Deck Weighbridge

Specifications	
Model VTS231	Steel Deck Truck Scale
Model VTC221	Concrete Deck Truck Scale
Platform Widths	9 ft-10 in, 10 ft, 11 ft, 12 ft (3, 3.3, 3.7 m)
Platform Lengths	15 to 45 ft typical (4.5 to 13.7 m)
Profile	14.5 in (368 mm)
Capacity*	120,000 lb (scale lengths ≤ 23 ft-4 in) 200,000 lb (scale lengths > 23 ft-4 in)
Load Cells	50t POWERCELL PDX
Foundation Types	Variable Footer, Beam Slab, Shallow Pit, Deep Pit

*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.



20'	20'	40'
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15'	17.5'	45'
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15'	20'	40'
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17.5'	17.5'	35'
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Common Multi-Platform Scale Configurations



POWERCELL® PDX® Load Cells

METTLER TOLEDO multi-platform truck scales are equipped with POWERCELL® PDX® load cells to provide the ultimate in vehicle weighing accuracy and reliability.

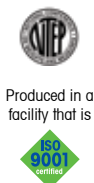
- Digital compensation: Ensures weighing accuracy by correcting for environmental influences.
- Simple load cell network: Improves reliability by eliminating the need for high-maintenance junction boxes.
- Predictive diagnostics: Monitors the performance of each load cell to verify that the scale is working properly.
- Lightning protection: Protects against the costly damage and downtime caused by lightning strikes.



ADI310 Remote Display

Options:

- Remote Displays
- Manholes
- Side Rails
- DataBridge™ Vehicle Scale Software
- Unattended Driver Terminals



Produced in a facility that is



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