

Double-Duty Weighbridge for Trucks and Railroad Cars



Weighing Trucks

The weighbridge uses a concrete or steel platform to weigh trucks. The rails are recessed, providing an even surface that trucks can drive across safely and easily. Model 7360 combines a strong weighbridge with exceptionally reliable performance.



Weighing Railroad Cars

The weighbridge uses a section of rails to weigh uncoupled railroad cars that are stopped on the scale. It is designed for durability, with heavy-duty I-beams supporting the loads applied by rail traffic.



POWERCELL Load Cells

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.



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.

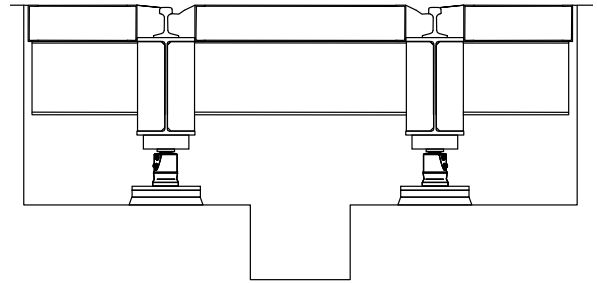
Combination Truck and Rail Scale

Save money by using one scale to weigh both trucks and railroad cars. A single 7360 weighbridge does the work of two scales, combining a platform for weighing trucks with a static railroad track scale. If your facility weighs both types of vehicles, this solution can reduce the initial cost of your weighing equipment, the ongoing maintenance costs, and the amount of space required. Choose between two deck options: a concrete deck with manholes and a steel deck with removable plates. Both provide easy access to the load cell network. 7360 scales are built to handle the heavy loads applied by truck and rail traffic. They are designed to weigh all your vehicles safely, accurately, and reliably.

7360 Combination Truck and Rail Scale

Concrete or Steel Deck Weighbridge

Specifications	
Main Beams	Two Beams: W21 x 111 lb/ft
Cross Members	Eight Beams: W16 x 45 lb/ft
Deck Concrete	25 ft: 5 cubic yards
Deck Rebar	25 ft: 1,100 lb
Deck Channel	C8 x 11.5 lb/ft
Capacity	340,000 to 750,000 lb
Design Load	Designed to AAR Scale Handbook standards
Profile	44 inches
Module Lengths	10 or 25 ft
Scale Lengths	37.5 to 120 ft
Foundation Types	Pit
Dual-Tandem-Axle Rating	60,000 lb (27,215 kg)
eMin	20 lb / 50 lb dual range
nMax	10,000 divisions
NTEP Certificate	94-013A4



7360 Cross Section

The weighbridge is designed so that the rails are positioned directly over heavy-duty I-beams. This provides robust support for the heavy loads applied by rail traffic. METTLER TOLEDO railroad track scales are designed in accordance with AREMA specifications and Cooper E-80 load criteria.

Features	Benefits
50t 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.
StrikeShield™ Lightning Protection	Protects your system from lightning damage.
International Intergard® Finish	Protects steel against corrosion even in the harshest environments.
Modular I-Beam Design	Robust and reliable design provides a long service life.
Anti-Creep Baskets	Maintains weighing accuracy by preventing rails from moving.

Options

- Custom Rail Size
- Custom Rail Gage
- Cooper E-100 Loading
- Pandrol e-clips
- Bolt-on Clips
- Grain Dump
- Scale Terminals
- Remote Displays
- Printers



Concrete Deck



Steel Deck



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.
© 2017 Mettler-Toledo, LLC
30138611

www.mt.com/vehicle

For more information