

Weigh and Unload Grain Quickly and Efficiently



Full-Width Steel Grating

For the grain-dump portion of the scale, we use exceptionally strong steel grating that can handle a constant stream of traffic. The grating extends the full width of the scale, providing maximum open area to enable grain to be unloaded from trucks quickly.



Steel Reinforcement

Each grain-dump module is reinforced with steel tubing that is designed to support heavy loads. With an 80,000-lb concentrated load capacity (CLC), the scales meet the loading requirements of facilities that handle grain.



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.



Proven Performance

METTLER TOLEDO truck scales have proven themselves during years of reliable vehicle weighing. They feature a robust design that is durable enough to handle the day-to-day flow of traffic throughout a long service life.



VTC221 / VTS231 Grain-Dump Scale

A METTLER TOLEDO grain-dump scale delivers the dependable weighing required by grain processing and storage facilities. It can make an operation more efficient by enabling you to weigh a truckload of grain and unload it while on the scale. The grating that forms the grain-dump area extends the full width of the scale. VTC221 concrete deck scales and VTS231 steel deck scales can be supplied with grain-dump capabilities. Both designs meet the toughest industry standards for vehicle weighing. Whether you need a single grain-dump module or the capability to dump grain the full length of a scale, we have a solution for you.

Technical data

Grain-Dump Scale

Model VTC221 / VTS231 Truck Scale

Scale Specifications

Scale capacity: up to 200,000 lb

Concentrated load capacity: 80,000 lb

Foundation types: variable footer, beam slab, deep pit, or shallow pit

Module lengths: 10 feet to 23 feet, 4 inches

Scale lengths up to 140 feet

Scale widths: 10 and 11 feet



POWERCELL® PDX® Load Cells

POWERCELL® PDX® load cells provide the ultimate in vehicle weighing accuracy and reliability. They connect to one another in a simple network that eliminates the need for high-maintenance junction boxes. A built-in predictive diagnostics system monitors each load cell's performance to assure you that your scale is weighing accurately. The system instantly alerts the scale operator about potential problems to help prevent unscheduled downtime.

Lightning Protection

A lightning strike can put a truck scale out of commission in an instant. The StrikeShield™ lightning protection system helps avoid costly downtime and repairs by safeguarding your entire scale system: load cells, cables, and terminal. Third-party laboratory tests have proven the system's ability to withstand multiple lightning strikes.



Scale Terminals and Software

Our vehicle scale terminals provide the fastest, most accurate weight processing available. We offer terminals to meet every need, from basic weighing to advanced transactions and data handling. DataBridge™ vehicle scale software creates a complete data management center with instant access to all the information from your weighing transactions.



Produced in a facility that is



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