

PowerBridge™ VTS23x

Steel-Deck Truck Scale



METTLER TOLEDO

Benefits of VTS23x

Accurate, Superior Design

METTLER TOLEDO steel-deck weighbridges are engineered to last. High-quality steel and continuous welds form a robust solution that satisfies most truck-weighing applications.

PowerBridge™ Heavy Duty Series
Built for high-volume sites and heavily-loaded vehicles.

Orthotropic Rib Structure
Orthotropic rib design effectively distributes concentrated loads.

Flexible Design
Available in multi-axle and portable configurations.

POWERCELL® Accuracy
High accuracy minimizes product giveaway and maximizes profits.

High Uptime and Reliability
Outstanding reliability protects from costly downtime.

Durable Scale Finish
Robust SHER-LOXANE® 800 polysiloxane coating protects against corrosion.

Decades of Durability Testing
Exclusive lifecycle testing replicates decades of real loading cycles to validate long-term performance.

Technical Specifications

Scale Lengths	10 to 140 ft (3 to 42.7 m)
CLC	100,000 lb (45,360 kg)
Gross Capacity	200,000 lb (90,718 kg)
Load Cell	30 † SS POWERCELL® GDD® 50 † SS POWERCELL® PDX®
CC	93-108A7
Deck Material	Steel
Foundation Type	Variable Footer, Beam Slab, Pit, Full Slab, Portable Frame Conversion Kit
Operation	Manned Scalehouse, Unmanned Scalehouse, Portable Application
Truck Type	On-road
Trucks per Day	200 or more
eMin	20 lb (9 kg)

Decades of Durability Test Specifications

Loading Cycles	2,075,891
Force Applied	80 K Lbs.
Location	Center and End of Frame
Equivalency	300 trucks per working day for 27 years
Results	No structural defects detected



Weighbridge Service Solutions

Tailored to Fit Your Needs

METTLER TOLEDO Service delivers resources to enhance your efficiency, performance, and productivity. Explore our service offerings below or reach out to your local METTLER TOLEDO representative to find the best fit for you.



Warranty Coverage

All warranties are not created equal. Coverage can vary greatly from one supplier to the next. It is critical to ask about parts, labor, travel, calibration, environmental protection, stipulations, and more when exploring various warranty offerings.



Performance Upgrades

Load cells, indicators, peripherals, and software upgrades enhance the accuracy, reliability, and functionality of your truck scale beyond its current capabilities. With POWERCELL® upgrade and conversion kits, you can protect profitability and extend the life of your asset, all at a fraction of the cost of a new scale.



Professional Installation

Establish full confidence in your equipment from day one. Our expert technicians execute installation and testing, full system setup and calibration, setup of standard operating parameters, and user and maintenance familiarization. Simplify compliance with site, regulatory, and quality requirements.



Asset Maintenance

Regular maintenance enables reliable performance, compliance, and budget control. With insight into asset performance, you can minimize unplanned downtime and maintenance costs. Extend asset life with calibration, powerwashing, replacement of worn parts, and lubricating of the load cells and receivers.



Care Packages

Care Packages keep your operation running like clockwork. Crafted to cater to your specific needs, our packages provide preventive maintenance, replacement parts, and flexible support options.



► www.mt.com/veh-service

Subject to technical changes
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Document No. 30599409 C
Industrial Division – Marcom
METTLER TOLEDO Group