



VTC200

- Low Profile – For driver safety
- Rugged – Tough environments
- Strong – Long design life
- Accurate – POWERCELL® PDX®
- Service – low long-term cost



Low-Profile Concrete Truck Scale

Long life and lower service costs

METTLER TOLEDO

Heavy-duty concrete weighbridge

Your investment to reduce long-term costs

High uptime is a critical factor in your operation. If your scale fails, then traffic backs up and you lose money. The real headache is the wait for service and an expensive recalibration. The VTC200 cycle-duty truck scale is designed to significantly reduce the need for service and is one of the only scales that will tell the operator when a load cell has failed.



The 31cm installed height allows drivers to drive onto the scale easily and safely. Because of the low height, your in-ground foundation costs less and can be accessed easily through manhole covers in the end modules. Concrete provides the best driving surface and is easy to clean during heavy snowfall.

METTLER TOLEDO VTC200 heavy-duty concrete weighbridge is designed to withstand extreme weather conditions, from the heat of the desert to the cold of Antarctica. Heating cables can be integrated to ease snow accumulation.



Prevents lightning damage

Your insurance company might cover the cost of the replacement parts but not your downtime and lost revenue. The VTC200 electronics are laboratory tested and proven for a 80 000 Ampere lightning surge.



Long life is assured through empirical testing

All designs are proven in a simulator which applies 100% of the weight of a standard vehicle axle set over 1.5 million times to simulate 20 years of use at 250 trucks per day.

No corrosion

All weighing components are corrosion-resistant stainless steel to prevent premature failure. Heavy-duty cables are stainless-steel shielded to prevent expensive rodent damage. Structural components are hot-dip galvanized for extra protection.



All components compliant to EC/94/EEC

for approved weighing up to 6000e. POWERCELL® load cells are well known for long life and error-free operation – in thousands of scales everywhere in the world. Unlike other weighing systems, a damaged cable won't mean a complete recalibration, saving you thousands. A damaged load cell can be easily exchanged in several minutes to keep you up and running.

High-power terminals – designed for your needs

Easy to operate, connectable to computer networks and approved "Alibi" – instant load cell failure notification – as well as industry-leading preventive maintenance to track errors and scale overloads. Many solutions include external QWERTY keyboards. Other options include Ethernet, USB, Serial, and a wide variety of process interfaces such as Profibus®, ControlNet, etc.



Approved safety and accuracy – the best of both worlds

The METTLER TOLEDO POWERCELL® is one of the only weighing systems to deliver both approved, accurate weight and approved safety in Zones 1, 21 and 2, 22.

The VTC200 is easily installed above ground giving your drivers the best visibility available. VTC200 can be installed in a locally constructed foundation or one of our factory-cast foundations.



Above ground

Shallow or deep pit

Long service life

To save you excessive repair costs, we provide predictive and preventive maintenance. Our service personnel can suggest a program to insure that you can keep your service costs to a minimum and avoid costly repair and recalibration costs. METTLER TOLEDO is the only company offering POWERCELL® and TraxEMT. POWERCELL technology alerts your operator of a cell failure in a minute. TraxEMT provides user-defined predictive maintenance and will record and report cell and scale overloads, error conditions and system instability before you have an expensive failure or your customer complains about incorrect shipments.

VTC200

- Easy to clean and maintain
- Efficient load cell access
- Reduced failures due to ice, snow, and accumulated soil
- Non-slip driving surface
- Corrosion resistant components
- Load cells report weighing errors
- Integrated suspension system
- Unparalleled accuracy
- Long service life

Feature	Specification
Weighbridge type	Multi-modular
Construction	Reinforced concrete
Deck thickness	24cm (31cm installed)
Scale width	2.97m
Scale length	6–40m+
Scale weight	~1.5t per linear meter
Material type, concrete	B40 aggressive resistant
Material type, steel	ST 37.2 (ASTM A-36), hot-dip galvanized
Weighing components	17–4 for high-accuracy load cells
Load cells	High-performance POWERCELL® PDX®
Load cell protection class	IP68, IP69k for submersion
Approval	EC/94/EEC NMI T22 06
Capacity	18/24m 60t/80t (Indicated)
Graduation	eMin per EC/94/EEC 10/20/50kg
nMax	3000–6000
Triple axle capacity	22t double, 30t triple
Foundation types	Variable footer, shallow or deep pit

Standard features and options	Standard	Option
Brushed driving surface	x	–
Top access to cells	x	–
30t or 50t load cells	x	–
IND570 terminal	x	–
IND780 terminal	–	x
Longitudinal and lateral checking system	x	–
Dolly landing pads	–	x
DataBridge™ vehicle management software	–	x
Lightning protection	x	–
Unattended weighing	–	x
Precast foundation	–	x
Manholes	–	x
Debris seal "T"	–	x
Heating cables	–	x

www.mt.com/vehicle

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