

Heavy Duty Steel Weighbridge Robust Scale for Off-Road Trucks



Extra Wide for Tough Jobs

The extra wide construction of the VTS677 offers a multitude of benefits for mining operations. This weighbridge is ideal for heavy-duty mining trucks and over-sized loads due to the side-by-side design – each set of wheels is supported by a deck. Additionally, extra width enables safety for self-driving mining vessels.



Simplified Logistics

Each module of this scale can be separated in half for easy containerized shipping, making this solution ideal for mining operations even in remote locations. Additionally, the steel deck structure is simple to assemble on site for efficient construction and expedited use – helping operations get up and running faster.



POWERCELL® Accuracy

When weighing thousands to millions of tons per day, accuracy is key to minimizing waste and maximizing profits. The VTS677 off-road mining weighbridge utilizes trusted POWERCELL technology, offering outstanding accuracy, reliability and uptime. Lightning protection offers an additional benefit to remote locations.



Proven Reliability

The design of the VTS677 steel-deck weighbridge has been tested and proven reliable. First, the structure was placed in our unique module-masher lifecycle testing machine and tested to 2 million cycles, or 20 years of heavy use. Additional in-field testing further proved the longevity of this product for heavy-duty applications.



VTS677 Heavy-Duty Weighbridge Ideal for Mining Applications

Model VTS677 is a steel deck weighbridge with orthotropic rib construction. This robust model is designed to weigh heavy off-road vehicles and is well suited for the mining, forestry, steel mill, cements and power production industries.

With this diverse weighbridge, customers can expect to benefit from:

- Reliable weighing of many vehicle types
- Accurate weighing even at huge loads
- Solution that grows with you
- Ability to connect peripherals for added efficiency
- And more!

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VTS677 Heavy-Duty Weighbridge Technical Specifications



ACCURACY				
MAX Capacity(t)		100/120	150/200	300
e (kg)		20/50	50	50/100
CLC (t)		60	80/120	200
Width(m)		4.3, 6		
Length(m)		9,10,15,18,20		
Module length(m)		4.5		
Foundation type		Shallow pit or Pitless		
HR Cable(m)		300		
Operation temperature	Indicator	-10°C~+40°C		
	Load cell	-40°C~+55°C		
Humidity		<95%		
Power Supply		Voltage : 100~240VAC, Frequency : 50Hz		

Available Software & Peripherals Enhance Your Operation

In addition to being a trusted partner for weighbridge solutions, the METTLER TOLEDO team can also assist you with peripherals such as software, traffic control solutions and more. With one total solution provider, your project execution is made simple, and your final solution tailored for success.



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Subject to technical changes

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