

VFS120 Forklift Scale

Weighing Accuracy Guaranteed



Accuracy Over Time

Regardless of vibration, shaking or even crashes, the VFS120 retains its calibration for 12 months. It provides consistently high weighing accuracy without the expense and hassle of frequent adjustments that other scales require.



Rugged and Reliable

The heavy-use scale carriage enables you to keep working when other scales break down. With its innovative design and robust construction, the scale increases productivity while reducing maintenance and downtime for low cost of ownership.



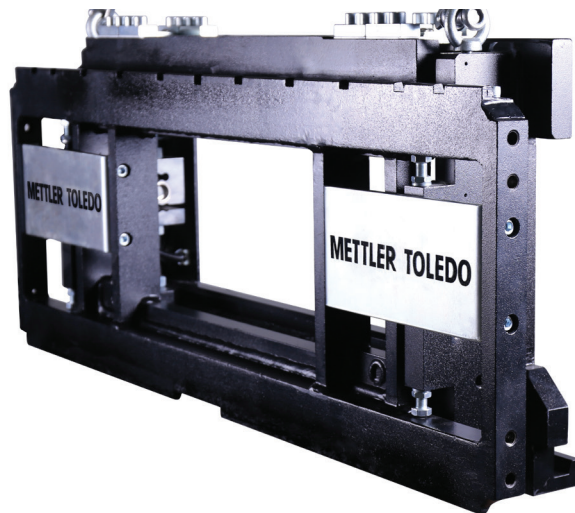
Designed for Safety

The scale is designed for safe operation. The center of the carriage is open, providing access to a high-visibility window. This design makes it easy for the forklift operator to see loads, position forks for lifting and avoid accidents.



Low Cost of Ownership

The VFS120 is built to withstand years of heavy use. The load cells and electronics are protected from damage that other scales are vulnerable to. The scale is simple to service and requires very little maintenance, keeping cost of ownership down.



Improve Productivity With Forklift Weighing

Whether your business is freight logistics, shipping or warehousing, weighing can be an extra step that slows down your process. The VFS120 forklift scale is a cost-effective solution to speeding up pallet weighing.

Designed for use in tough industrial environments, METTLER TOLEDO forklift scales set the standard for reliability, safety and accuracy in heavy-use applications. Investment in a VFS120 offers productivity gains that can pay back your investment in less than six months.

VFS120 Forklift Scale

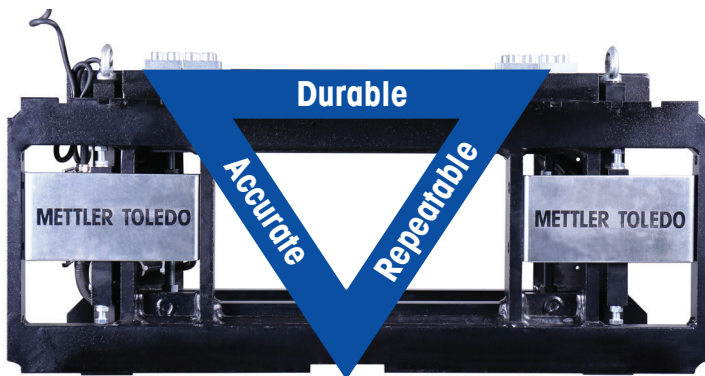
Onboard Pallet Weighing

Features and benefits

- Three-point scale suspension maintains accuracy and reduces need for frequent recalibration.
- Robust design allows for heavy industrial use and minimizes downtime.
- Easy installation has your forklift ready to weigh quickly.
- Designed for service. Scale slides easily off the forklift bracket.
- Maximum visibility for operators aids traffic flow and minimizes the risk of accident.
- Withstands 150% overload.
- Load-cell electronics and wiring are protected within the steel frame of the scale.
- Compact terminal design optimizes visibility while providing clear information.
- Local and international Weights and Measures approvals.



The user-friendly terminal features large display, various mounting and communication options.



Benefits of Three-Point Suspension

METTLER TOLEDO patented three-point suspension provides numerous benefits for our transport and logistics customers. Traditional four-point suspension requires shimming to level and calibrate the scale. With three-point suspension the load can pivot around the lower touch point so that deformation from loading will not cause the scale to go "out of level".

The VFS120 also offers:

- Quicker installation
- Reduced need for frequent calibration
- Improved repeatability

Weighing Specifications	
Capacity	1,500 / 2,000 / 3,000 / 5,000 kg 3,000 / 5,000 / 7,500 / 10,000 lbs
Resolution	1,000~1,500e
Stable Weighing Time	1-2 seconds
Angular Compensation Range	Pitch $\pm 5^\circ$, Roll $\pm 3^\circ$
Overload	Safe overload: 150% / Limited Overload: 300%
Capacity Loss	~15% of forklift capacity
IP Protection	IP65 for electric parts

Terminal Specifications	
Terminal	IND236
Display	40mm font height, 7 digits 7 segment LCD with white backlight
Construction	Stainless steel
Power	12~36VDC
Protection	IP66/67
Data displayed	Pallet weight, date & time, over/ under weigh, accumulation

Enclosure / Environment	
Material	Steel
Operating Temperature	-10 C to 40 °C / 14 to 104°F
Forklift Mounting	Fits ANSI/ITSDF Class II / III / IV Carriages

Load Cell Specifications	
Load Cells	TSH Loadcells
Protection	IP68
Material	Stainless steel

For more details about dimensions and accessories, please refer to the Models and Specifications sheet.

Data Interfaces	
Connectivity	DB9 cable or a Bluetooth dongle

www.mt.com/VFS120

Visit for more information

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