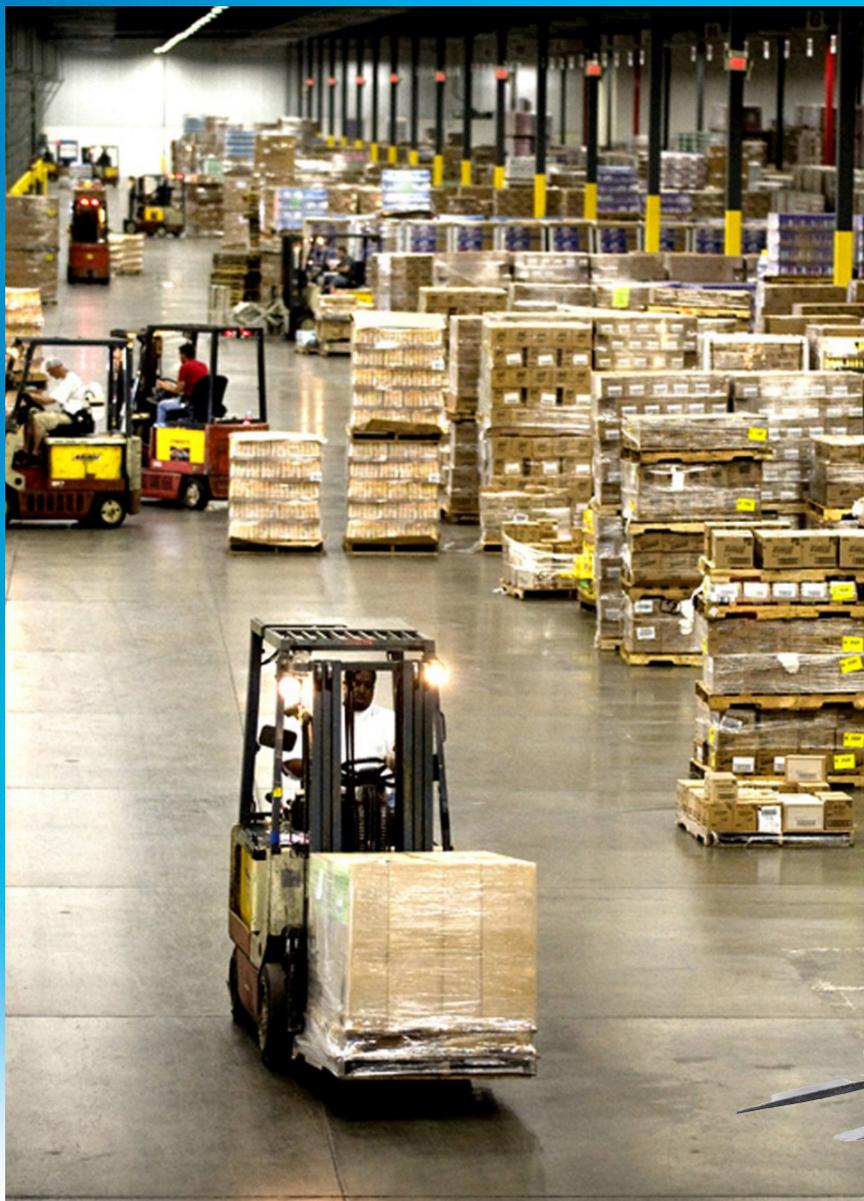


Forklift Scales



TLF820 Forklift Scale

Faster Pallet Handling

Smart Process Integration

Cut Maintenance in Half

Reduce Risk of Accidents



Pallet Logistics Efficiency

Cut Handling Time Up To 40%

METTLER TOLEDO





Save Time and Money Forklift Scales to Count On

Forklift scales make weighing a one-step process. Designed for use in tough freight and less-than-truckload environments, The TLF820 sets the standard for accuracy, safety and reliability.

▶ www.mt.com/TLF820

Typical challenges in Freight and LTL...



Operations manager

"Too often, there just isn't enough time to stop and measure everything. We need a solution that fits seamlessly into operations and minimizes any extra effort."

Faster pallet handling

Page 4 – 5



Revenue recovery manager

"When we don't manage to weigh or measure a pallet, either because of time constraints or technical limitations, we lose the opportunity for revenue recovery. This can have a direct impact on our bottom line."

Top weighing results

Page 6 – 7



Maintenance manager

"Forklift scales require frequent tolerance checks and adjustments. They also need regular recalibration. How can we minimize this extra work and still be assured that our measurements are accurate?"

Cut maintenance costs

Page 8 – 9

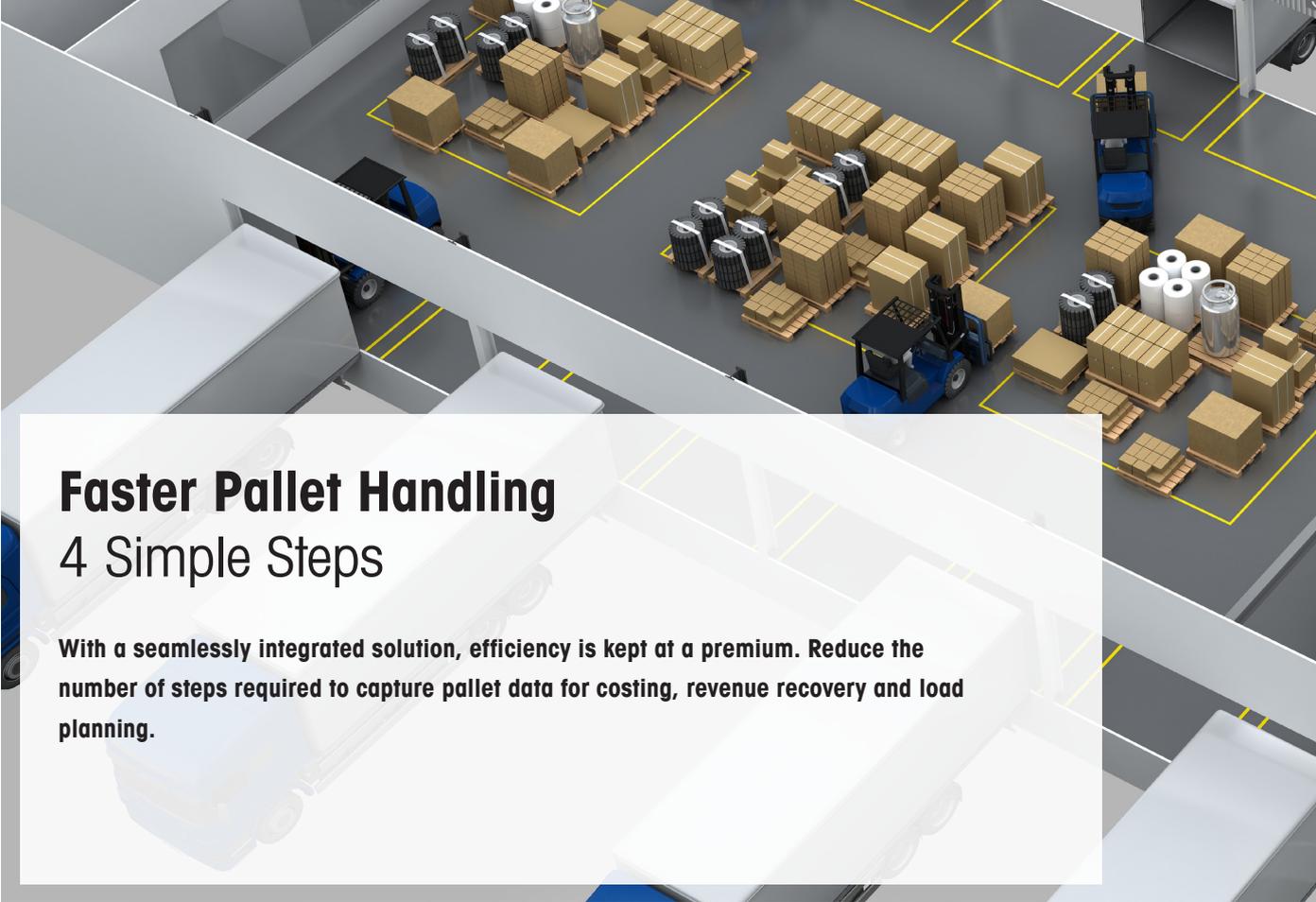


Facility manager

"The pace of a pallet handling facility during peak hours has to be seen to be believed. I need to keep workers on the floor safe from accidents."

Reduce risk of accident

Page 10 – 11

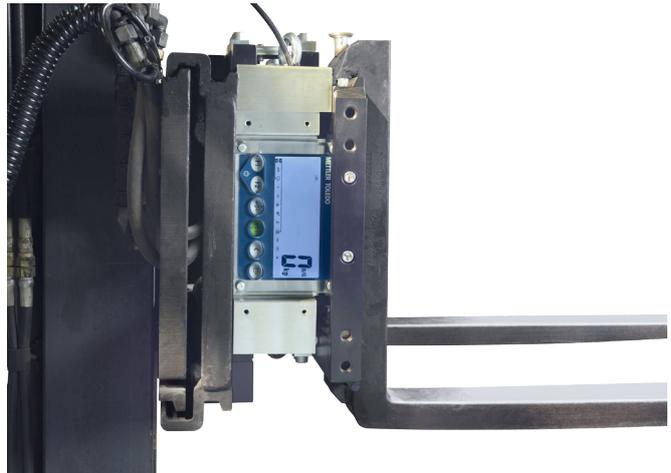


Faster Pallet Handling 4 Simple Steps

With a seamlessly integrated solution, efficiency is kept at a premium. Reduce the number of steps required to capture pallet data for costing, revenue recovery and load planning.

Virtual weighing terminal

The terminal is embedded in the scale, meaning no extra hardware mounted in the truck. The terminal is protected by a solid metal casing.



1

Driver scans ID from picking list

Control processes from inside the truck

With an onboard Smart PC, there is no need to get off the truck to receive instructions or scan the barcode. The driver can maintain optimum efficiency inside the truck.

2

Driver triggers dimensioner from truck

Eliminate human error and inefficiency

The dimensioner is triggered using a button on the Smart PC and the operator receives step-by-step guidance on where to go and what to do. There is no messy paperwork and there is a lower risk of costly errors.



Smart PC

The entire weighing and measuring process can be run via a SmartPC that provides step-by-step operator guidance and merges and stores all data.

3

Dimensions, weight and ID are seamlessly merged

Seamless data merge and transfer

Weight data from the scale is merged with barcode and dimensional data, then transferred wirelessly in one simple data string to the host. No extra time is needed to record or send data.

4

Data is transferred automatically to server

Data for routing and re-classification optimization

Once data is captured, the forklift driver can move on to the outbound. Data can be used to improve the routing of forklift scales, avoid lining up for the dimensioner and to select the right pallets for dimensioning.

Top Weighing Results In Tough Conditions

In industrial environments, there is a lot that can affect on-board weighing performance. The unique design of our forklift scales maintains legal-for-trade accuracy in demanding conditions, where other scales struggle.



Weigh at any height

Sometimes fork height becomes uneven as a result of wear-and-tear. The angular compensation feature of our scales maintains accuracy, regardless of the height and level of the two forks.



No careful positioning

The corner adjustment function means that shipments can be accurately weighed, regardless of how goods are positioned on the pallet.



Bumps and vibrations

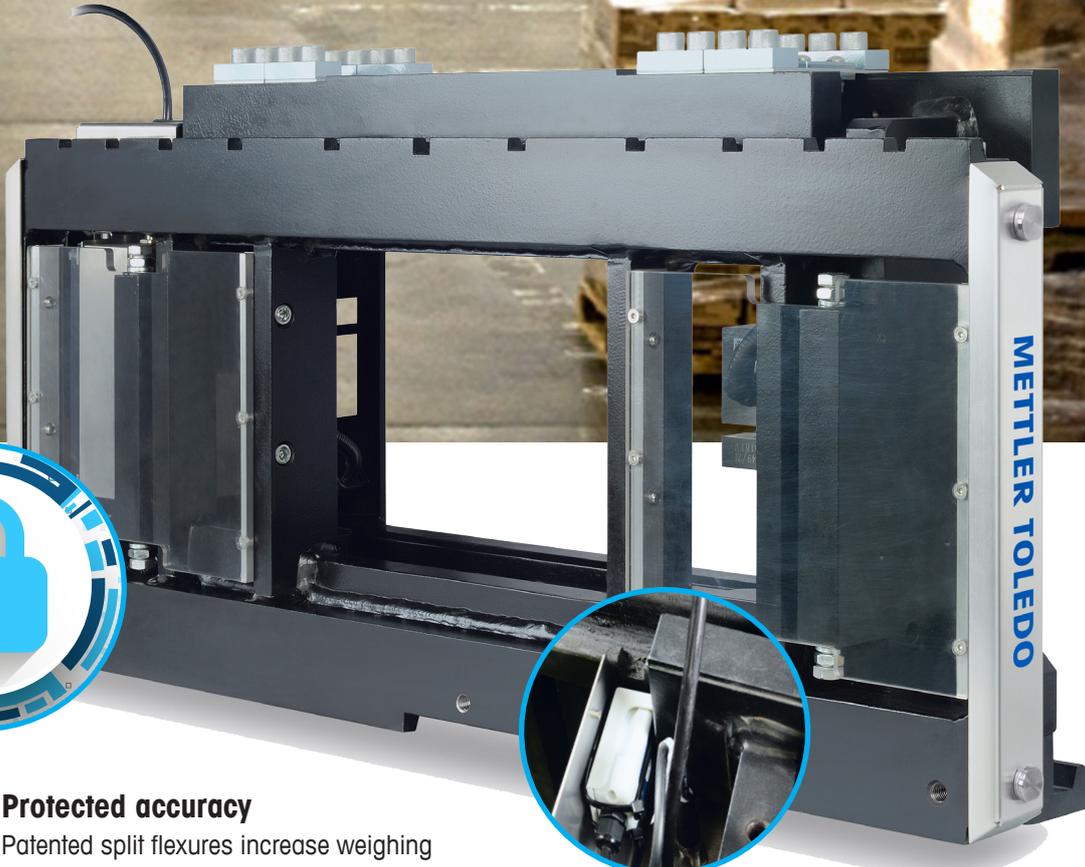
Advanced filter processing helps the scale to filter out vibrations and achieve the same accuracy on any forklift truck, including diesel ones, which typically create more noise and disturbance.



See for yourself

Watch forklift scales in action at a leading North American freight carrier.

www.mt.com/forklift-scales



Protected accuracy

Patented split flexures increase weighing accuracy by stabilizing the load more effectively. A solid steel front plate protects the load cells and electronics from damage that routinely puts other forklift scales out of commission.



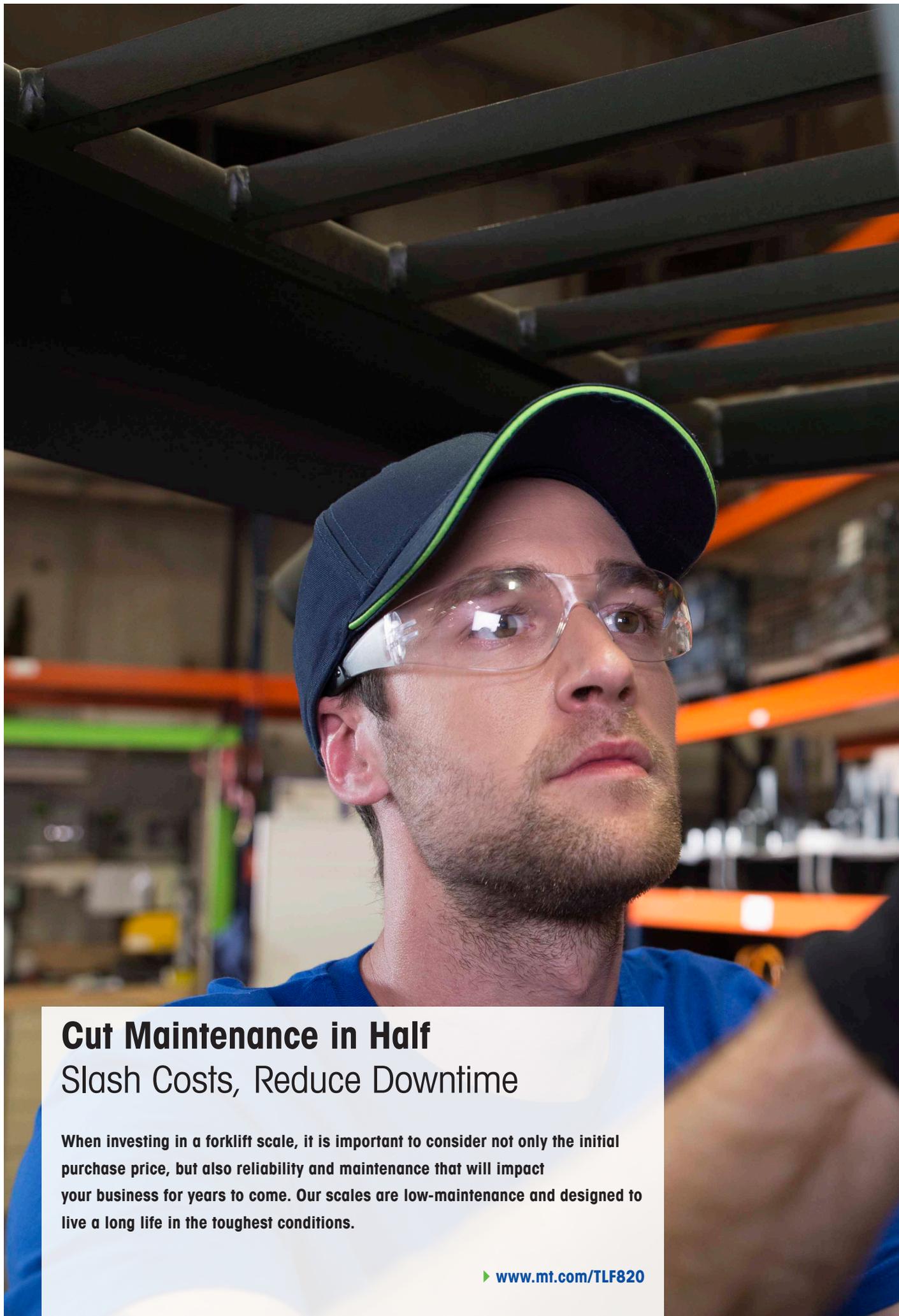
Unique 3-point suspension

Many scales require frequent adjustment to maintain accuracy in heavy-use environments. Our forklift scales hold calibration for up-to 12 months and require very little service or maintenance.

NTEP Approved

Legal-for-trade approved.





Cut Maintenance in Half Slash Costs, Reduce Downtime

When investing in a forklift scale, it is important to consider not only the initial purchase price, but also reliability and maintenance that will impact your business for years to come. Our scales are low-maintenance and designed to live a long life in the toughest conditions.

► www.mt.com/TLF820



No need for frequent recalibration

A typical forklift scale requires recalibration two or three times per year. The 3-point suspension of our scales keeps them in calibration for up to 12 months. If you have a fleet of forklift trucks, all equipped with scales, the costs of frequent calibration can really add up.



Keep working when others break down

Our scales are constructed of solid steel and designed to withstand years of heavy use. Robust design and little required maintenance ensures uptime when other scales break down.



Survive the toughest conditions

To ensure our scales are fit-for-use in the toughest of environments, we undergo rigorous testing, including crashing our forklifts into a wall at speed. The scale continued to weigh accurately, even when the forklift itself stopped working.



Support when you need it

If your scale is out of commission, it is no longer making money. In the rare case that something goes wrong, our highly-trained service team is there to get your scale back up and running quickly and efficiently.

Reduce Risk of Accident

Designed for Safety

Safety is paramount in fast-paced freight-handling environments. Our forklift scales are designed with operator safety as a priority. Features that ensure operators are always in control help to avoid accidents and maintain productivity.



Keep operators off the floor

With no need for the operator to get out of the truck to process paperwork or use a dimensioner, the risk of accidents is significantly reduced.



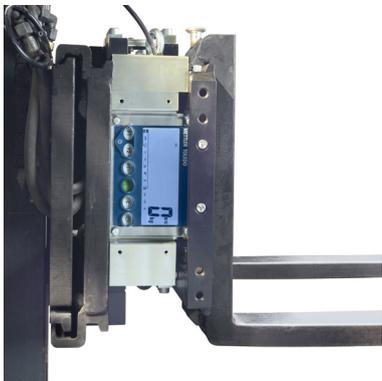
High operator visibility

A large visibility window and plexiglass protection plates allows safe positioning, loading and transportation of goods, while maintaining optimal productivity.



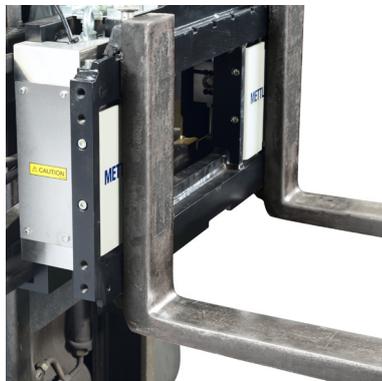
Safety test approved

All precautions have been taken to ensure safe operation of our scales. We have undergone 1 million fatigue tests to prove mechanical safety and durability.



No extra hardware

The weighing terminal is embedded and protected by a heavy-duty metal cover. This means that you do not have to mount extra hardware in the truck that may obscure a driver's view.



System protection

The robust design protects internal components from knocks, bumps and even crashes. If the forks tilt too far to safely weigh, the operator is alerted to the problem.



Did you know?

There are 34,900 forklift accidents resulting in serious injury every year in the US alone. Take precautions to improve safety in freight handling environments.

Basic Weighing, Top Performance

VFS120 Forklift Scale

If your need is for basic pallet weight data without process integration and data merging, the VFS120 offers a robust alternative. Designed for use in simple weighing applications, with all the reliability and design benefits of the TLF820, the VFS120 is the ideal solution for pallet weighing in warehouses, manufacturing lines and food production.

VFS120
Basic Connectivity

TLF820
Advanced Connectivity



Description	Forklift weighing for simple applications with limited data integration.	Forklift weighing with advanced connectivity and data integration.
Data Interface	IND236 for forklifts	Smart PC
Data Interface Connection	Cable	Bluetooth
Data Transmission	Bluetooth (optional)	Bluetooth, Wifi
Data Management Requirements		
Simple weighing with manual processing	•	
Automatic data transfer to third party devices		•
Fully integrated data management via Smart PC		•
Full operator guidance displayed on Smart PC		•
On-board data merging		•
More information	www.mt.com/VFS120	www.mt.com/TLF820

www.mt.com

For more information



METTLER TOLEDO Group

Industrial Division

Local contact: www.mt.com/contacts

Subject to technical changes

© 09/2018 METTLER TOLEDO. All rights reserved
MarCom Industrial