TLW250 Dynamic Scale
Up to 7,500 Parcels Per Hour

Efficient Project Planning
Systems are designed according to your unique specifications using a system configurator. The tool is used to create a drawing and specification. Quick, easy access to this information facilitates project planning.

Easy Cross-Border Project Implementation
An HMI with 32 standard languages makes it easy for system integrators working internationally to install equipment and support cross-border projects.

Effective Data Communication
More than ten data communication standards including Ethernet and Fieldbus technologies ensure compatibility with other systems for seamless communication.

Cost-Effective Integration into Any Sorting System
A wide variety of design configurations, interfaces, protocols and features means little restructuring, re-engineering or changes to IT infrastructure are required.

Simple Parcel Weighing
High Performance, Great Value

The TLW250 offers a cost-effective solution for basic parcel weighing where dependable accuracy is required. Designed to fulfil the most demanding system integration requirements the TLW250 is at home in any parcel-handling warehouse, distribution line or sorting system.

State-of-the-art load-cell technology provides top weighing accuracy at high speeds. The scales come with a wide range of options and configurations.

METTLER TOLEDO

Technical data
TLW250
Dynamic Parcel Weighing

Whenever there is a need for simple dynamic weighing that is cost-effective without compromising on performance, the TLW250 offers easy integration and high reliability.

Features and Benefits

Features and Benefits
Advanced filter technology stabilizes results in poor weighing conditions
Full range of OIML Weights and Measures approvals guarantee data quality for invoicing and internal processes
Configurable data drop position for sorting efficiency
Standard interfaces offer the possibility to standardize dimensioning, weighing and scanning solutions
Multi-lingual weighing terminal for operator efficiency
Display digital with weighing unit and symbols indicating the operation status, membrane keypad with acoustic signals
Automatic detection of replacement weigh cells

Options and Accessories
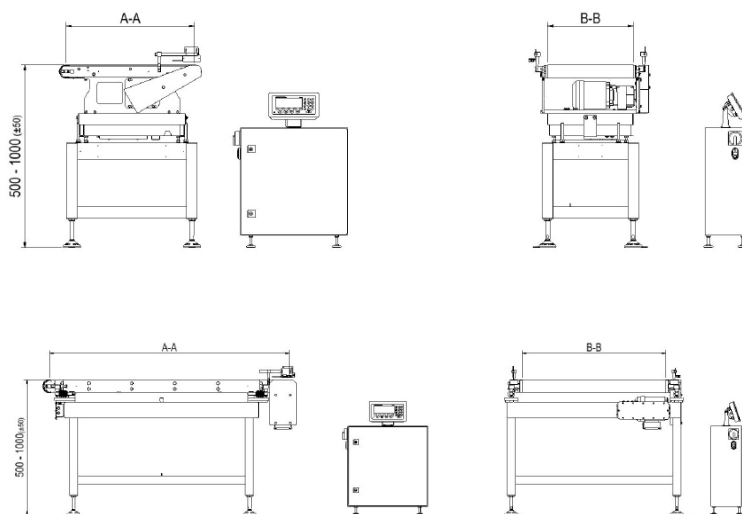
Options and Accessories
Guide rails
Special voltages
Interfaces: RS422, Ethernet, Fieldbus (Profibus DP, Ethernet/IP)
Emergency stop
Increased water ingress protection IP65 V2A
In-feed/out-feed conveyor A-A/ B-B
Control panel (cabinet) in compliance with UL508A
Alibi memory storage
Climbing weighing belts at angle of up to 20 degrees

Technical Specifications	TLW250 (60)	TLW250 (80)
Weighing range	0 – 40 kg	0 – 80 kg
Accuracy	± 5 g	± 20 g
Speed	90 m/min	90 m/min
Throughput	Max. 6000 pcs/h*	Max. 4800 pcs/h*
Roller centres, weighing conveyor (A-A)	600, 800, 1000 mm**	1000, 1200, 1500, 1700 mm**
Belt width, weighing conveyor (B-B)	300, 400, 500 mm**	500, 600, 800, 900, 1000, 1100 mm**
Voltage	230 V (AC), single-phase, 50/60 Hz, N, PE, ≥ 750 VA	230 V (AC), single-phase, 50/60 Hz, N, PE, ≥ 1200 VA
Standard Protocols	Mettler-Multi Range, Weight 8C	
Interfacing	Ethernet , Serial	
Certifications	MID, NTEP, NMI	
Load Cells	EMFR or DMS	

* Throughput will vary depending on parcel length and gapping.
** Other sizes available on request.

METTLER TOLEDO Service with global reach and tailored care solutions

www.mt.com/TLW250

For more information