Dynamic Weighing

XS100 DualScale
Up to 18,000 Parcels Per Hour

Minimize Downtime and Cost
The exceptionally stiff weighing conveyor and belt-guidance feature of our dual scale result in little wear and tear to the belt. There is no need to frequently change it, reducing downtime and saving time and money.

Top Measuring Results in Toughest Conditions
Advanced filter technology and rugged system design minimize disturbances that affect weighing accuracy in tough conditions, like on a mezzanine.

Highest Throughput
Approved to measure at speeds up to 4 m/s MID and 3 m/s NTEP, the XS100 DualScale is the fastest approved scales on the market today. Two weighing belts optimize throughput without increasing system footprint.
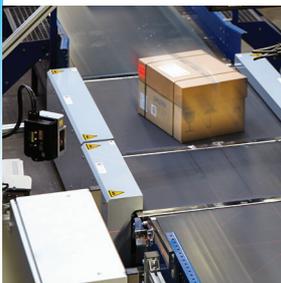
Cost-Effective Integration into Any Sorting System
A wide variety of design configurations, interfaces, protocols and features means little restructuring, re-engineering or changes to IT infrastructure are required.

High Throughput Weighing
Top Speeds, Top Performance

Approved to weigh at speeds up to 240 m/min MID and 180 m/min NTEP, this high-speed, high-throughput scale is suitable for the most demanding applications. Rugged design and advanced filter technology ensure stable, accurate results even when conditions are tough.
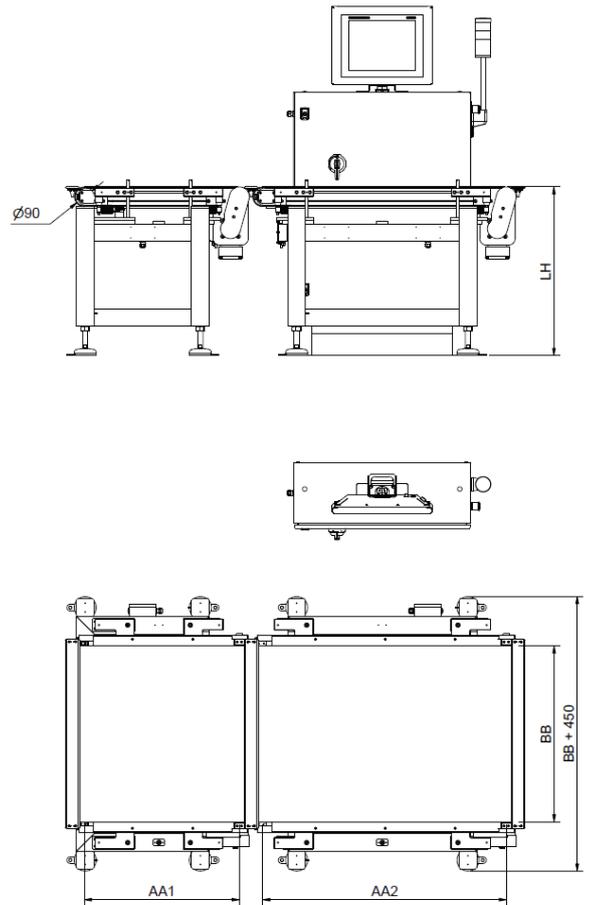
Plug-and-play design allows for simple, flexible integration into any sorting system. This scale can be used for weighing only or integrated into a dimensioning, weighing and scanning solution.

METTLER TOLEDO

XS100 DualScale
Dynamic Parcel Weighing

Features and Benefits

- Advanced filter technology stabilizes results in poor weighing conditions
- Flexible weighing point increases weighing throughput
- Full range of OIML Weights and Measures approvals guarantee data quality for invoicing and internal processes
- State-of-the-art rugged design protects the calibration and decreases the need for maintenance
- Belt guidance system and robust transfer plates between conveyors ensure smooth parcel transfer
- Easy-to-service with easy-to-remove load-cell, motor, bearings and conveyor belts
- Real-time controller provides high-speed data communication
- Configurable data drop position for sorting efficiency
- Proven, high-quality mechanical design ensures system reliability
- Standard interfaces offer the possibility to standardize dimensioning, weighing and scanning solutions
- Customized data communication protocols for flexible integration
- Status messages and error code functionality give clear overview of system operation and highlights if there is a problem
- Multi-lingual weighing terminal for operator efficiency
- Bright, high contrast color touchscreen display, 15" TFT, 1024 x 768 px for clear display of data

Specifications	
Weighing range	250 g - 60 kg
Resolution	e = 50 g
Speed	240 m/min MID, 180 m/min NTEP
Throughput	Max 18,000 pcs/h depending on parcel size
Weighing conveyor (A-A)	Scale 1: 500, 600, 700, 900 (mm) Scale 2: 900, 1000, 1100, 1200, 1300 (mm) Other dimensions as option on request
Belt width, weighing conveyor (B-B)	800, 900, 1000, 1100 (mm) Other dimensions as option on request
Voltage	≥ 1200 VA
Standard protocols	Mettler-Multi Range, Weight 8C
Interfacing	Ethernet, Serial

	Single weighing	Dual weighing
Accuracy	250 g - 25 kg ± 50 g 25 kg - 60 kg ± 75 g	500 g - 50 kg ± 100g 50 kg - 60 kg ± 150 g
Certifications	MID, NTEP, NMI, CE	

Options and Accessories
Customized interfacing options for data transmission
Framework and control cabinet
Separate control cabinet or weighing terminal
Flame resistant belt
Alibi memory storage
Dimension merging
Barcode merging
Weight range verification
Item IDs, counter and timestamp
Side guides and side covers

www.mt.com/XS-DualScale

For more information