

XS100 DualScale

High Performance at High Throughput



High-Throughput Weighing

A multi-scale achieves higher throughput by making it possible to weigh multiple parcels at one time. The flexible weighing point increases throughput by up to 30% by optimizing parcel gapping.



Robust and Reliable

Rugged design ensures high performance, even in unstable conditions. The sturdy frame and feet and stiff conveyor body make the system less sensitive to environmental disturbance and provide continued high accuracy at speeds up to three meters per second.



Smooth Parcel Flow

A new belt guidance system and robust transfer plates between conveyors ensure smooth parcel transfer, minimizing the risk of jams. System software determines the weighing time of each parcel to optimize spacing and throughput.



Advanced Filter Technology

Weighing errors caused by environmental disturbances, such as vibrations or changes in temperature, are minimized by advanced filter technology. The scale produces accurate weighing results even in tough site conditions.



Fast Data Communication

A real-time controller ensures high-speed data communication with the sorter. The data drop point can be configured based on sorting requirements.



High-Throughput Weighing

Robust Design for Reliable Results

The XS100 DualScale offers high-speed, high-throughput weighing in the most demanding of applications. Rugged design and advanced filter technology ensure stable, accurate results even when conditions are tough.

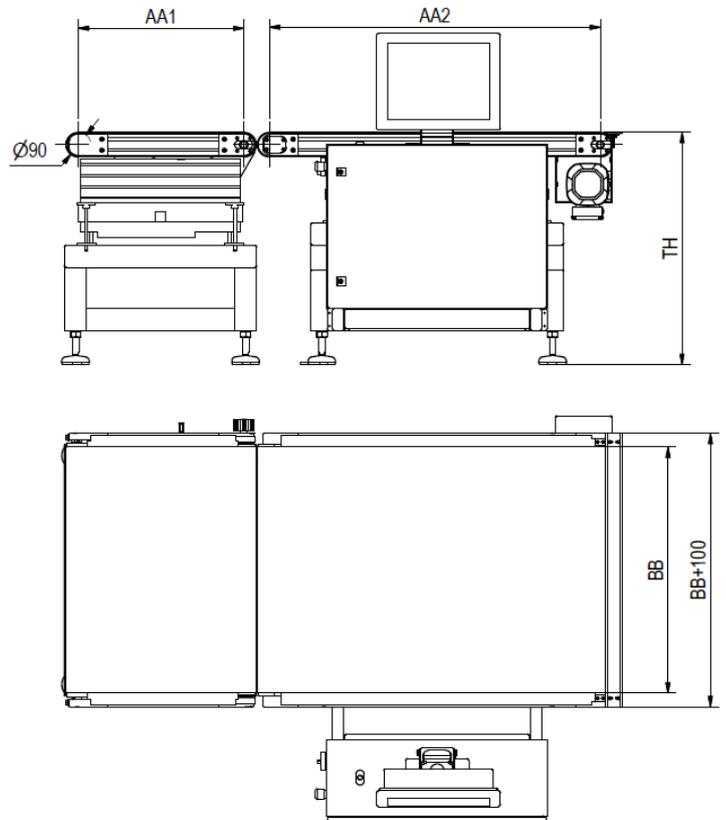
Approved to measure at speeds up to three meters per second, the plug-and-play concept allows for simple, flexible integration into any sorting system. This scale can be used for weighing only or integrated into a dimensioning, weighing and scanning solution.

Technical data
XS100 DualScale
 Dynamic Parcel Weighing

Whenever light or heavy loads need to be weighed in-motion or at high speed, the XS100 DualScale provides accurate, legal-for-trade results, even in tough conditions.

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
Optimized FI + motor combination to ensure stable running of the system for better weighing results

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
DMS-load cell variant adapted for the US Market



Technical Specifications	XS100	
Weighing range	250 g - 60 kg	
Resolution	e = 50 g	
Speed	180 m/min	
Throughput	Max 18000 pcs/h depending on parcel size	
Roller centres, weighing conveyor (A-A)	Scale 1: 600, 700 Scale 2: 1000, 1100, 1200 Other dimensions as option on request	
Belt width, weighing conveyor (B-B)	900, 1000 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	



MID, NTEP and Measurement Canada certificates
 Compliant to health and safety regulations
 Internet: <http://www.mt.com>
 Worldwide service
 Quality certificate ISO9001

Subject to technical changes
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www.mt.com/XS-DualScale

For more information