

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 3 m/s, the XS100 is one of 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 540 feet per minute, 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.

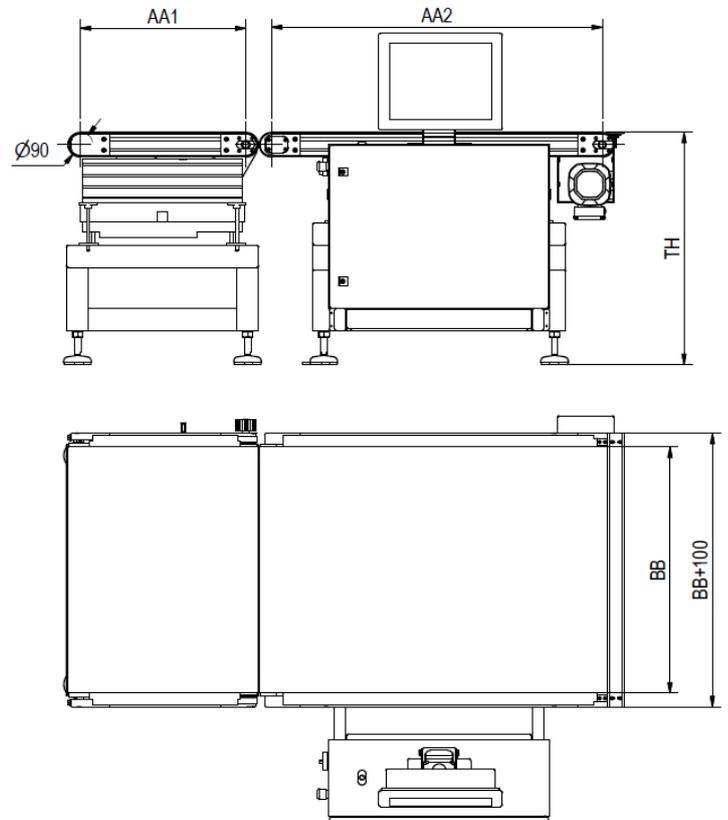
Plug-and-play design allows for simple, flexible integration into any sorting system. This scale can be used for weighing only or integrated into a dimensioning, weighing and scanning solution.

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 18 000 pcs/h depending on parcel size	
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	

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 Document No. 30499081 A
 MarCom Industrial

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For more information

