Case Scales

HI-SPEED
Checkweighing

CS3600

For large-size cases and packages

XE or XS Controller
Choose between the XE controller with its 100 product memory, and high contrast color touch screen or the XS featuring a larger 15" dashboard style display and exceptional IP69K protection. Both are easy-to-learn and use, delivering fast product set-up and changeovers.

Choice of Rejecters
Stand-alone rejecters or rejecter assemblies are available when rejecter is purchased with an outfeed conveyor; a shield guard is integrated with the assembly.

Sortation With ARB®
For soft sortation or high rates and weights, HI-SPEED offers the Intralox ARB, (Activated Roller Belt) solution.

Flexible Connectivity
The XE and XS controllers can connect to a wide variety of external devices or interfaces including serial RS232/RS422, Ethernet along with other popular fieldbus protocols such as Profibus DP, DeviceNet, ControlNet, EtherNet/IP, and Modbus TCP.

CS3600 shown
with XE controller

CS3600 Caseweigher

The HI-SPEED CS3600 Caseweigher is an in-motion scale for weighing large packages such as boxes, cartons, cases, bags, or sacks. Its proven design delivers accurate and repeatable weights while a wide variety of accessories allow it to be tailored to specific application needs. The robust frame and conveyor construction withstands the impact of heavy packages, so the system is ideal for tough environments. Optional stainless steel construction is also available. Convenient access to all major components for easy inspection, cleaning, and maintenance is provided while the HI-SPEED belt design makes tracking, tensioning, and change out fast and simple.

Combined with an X-series controller this system is an unbeatable combination for delivering superior performance and value.

METTLER TOLEDO

Technical Data

CS3600
– heavy duty caseweighing solution

The HI-SPEED CS3600 caseweigher offers exceptional heavy duty weighing capacity with the rugged construction to handle the toughest industrial environments. Available in 12 standard sizes, and two different capacities the CS3600 covers a broad range of applications. An extensive array of accessories including infeed and discharge conveyors, rejectors, sensors for open flaps, bar code, or RFID readers can be provided to complete the system.

Controlling your weighing process has never been easier, the XE with it's intuitive touch screen display makes line monitoring and changeovers fast and simple. The optional XS user interface with its large 15" dashboard style display presents all relevant information for "at a glance" monitoring.
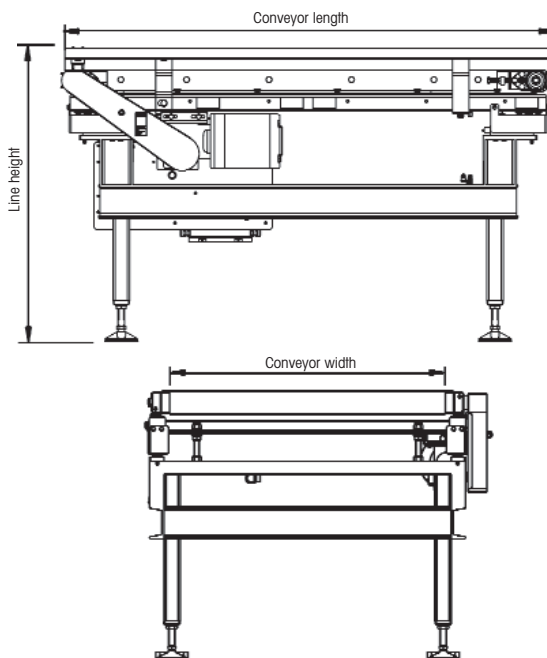
Standard Features
• Powder-Coated Mild Steel Construction
• Seamless Habasit black Conveyor Belt
• IP54 Ingress Protection
• Unique Design Makes Belt Replacement Simple and Easy
• E-Stop And Line Integration Features Included

XE Weighing Controller
• Bright, High Contrast 5.7″ Diagonal Color Touch Screen User Interface
• 320 x 240 Color Pixel Resolution
• Informative "Dashboard" Layout Featuring 15 Separate Fields for "At-a-Glance" Monitoring of Production Processes
• Industrial PC With Windows™ XPe Operating System
• Intuitive Menu Driven Navigation
• 100 Product Memory
• 3 Weight Classification Zones
• Mulit-Level, Password Protected Security System
• Supports 23 Languages

Options and Accessories
• XS Weigh Controller with Bright, High Contrast 15″ Diagonal Color Touch Screen User Interface
• 1280 x 960 Color Pixel Resolution
• 200 Product Memory
• 5 Weight Classification Zones
• Multi-Level, Password Protected Security System
• Statistics Program For Monitoring Of Production Results
• METTLER TOLEDO FreeWeigh.Net SQC system
• PrintStick Reader PC Software
• Choice Of Interfaces Ethernet, RS232, Or RS422 Serial For Weight Transmission
• Fieldbus Interface Modules (FIM) For: DeviceNet, ControlNet, Modbus TCP, Ethernet IP, And Profibus DP
• HI-SPEED OPC Server
• Remote Display
• Stainless Steel Washdown Construction
• IP65 Ingress Protection
• Heavy Duty Push-Off Rejecter And Reject Assemblies (Requires Pneumatic Air Supply, 60 To 115 psi)
• Product Change By Bar Code
• Flap Detection
• Stack Lights And Alarms
• Accumulation Beds
• Separate Air Dump Valve For E-stop Condition
• Special Power Requirements Available Upon Request

CS3600 Typical Schematic

Technical Data	CS3600			
Construction	Powder-Coated Mild Steel or Stainless Steel for Washdown			
Line Speed and Rate*	45 – 240 fpm			
Line Height (Depending on Conveyor Width)	22 – 40 in. (other heights on inquiry)			
Power Requirements	230 VAC, 460 VAC, 3 Phase, 60 Hz			
Conveyor Belt Materials	Seamless Habasit Black for Mild Steel, USDA White for Washdown			
Conveyor Belt Widths	12″	18″	24″	30″
Conveyor Belt Lengths	21, 24, 30″	24, 30, 36″	36, 48, 60″	48, 60, 72″
Weighing Capacities (Maximum)	40 kg	40 kg	100 kg	100 kg
Accuracy**	From ±10 g	From ±10 g	From ±20 g	From ±20 g
Pulley Diameter	2.5″	2.5″	4″	4″

* Depends on the Design and Dimensions of the Weighing Conveyor Used

** Depends on the Weight, Dimensions, and Transport of the Product to be Weighed

www.mt.com/hi-speed

For more information