

A300 Checkweigher

Affordable quality, uncompromising performance



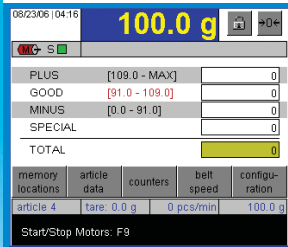
Compact Design

The standard 2-belt A300 is compact and requires only 30 inches of valuable line space making it ideal for existing production lines where space is at a premium.



Tough Construction

The A300 is built tough starting with stainless steel construction of all major assemblies including a hermetically sealed weigh cell complete with overload protection to deliver sustained accuracy and a low total cost of ownership even in demanding food processing and other wash down environments.



Simple And Secure Operation

The A300 user interface is easy to learn and use. The intuitive touch screen control guides operators quickly through product set-up and changeovers to minimize production downtime and training requirements. User access levels prevent unauthorized changes to the system ensuring process security and integrity.



Standard A300 2-Belt System with Optional Rejecter

HI-SPEED A300 Checkweigher

The HI-SPEED Model A300 is a stainless steel checkweigher designed to economically process a wide variety of packages in mild to moderate wash down environments. The standard A300 machine is comprised of a two belt product handling system with an air blast rejecter, and integrated color touch screen controller all mounted to a common frame to save valuable line space, simplify installation time and costs.

The A300's open design facilitates quick visual inspections and efficient cleaning and complete sanitation. Simple conveyor module removal and belt replacement reduces maintenance downtime for maximum OEE. The hermetically sealed weigh cell combines superior long term reliability and sustained weighing performance to ensure tight tolerances are maintained from the first to the last package inspected. The standard 2-belt system keeps costs low while an optional discharge conveyor adds greater flexibility where needed.

Technical Data

A300 Checkweigher

— efficient design—low cost of ownership

The HI-SPEED A300 checkweigher is designed for applications where initial cost, reliable performance, and a design suitable for moderate wash down applications are key user requirements.

Standard Features

- Rates up to 165 ppm, capable of handling varied package sizes
- Open design for ease of cleaning, inspection, and maintenance
- Color Touch Screen Controller – Intuitive operation, powerful performance

Stainless Steel Construction

All major components, including the frame, motors, pulley's and control enclosure are made of stainless steel, which is more resistant than mild steel and aluminum to chemicals and sanitizing agents typically found in most food processing environments. Materials and components suited for the application mean less maintenance, longer life, and lower cost of ownership.

Open Design

The open design of the A300 allows for clear sight lines for inspection and accessibility for maintenance, cleaning and sanitation. This accessibility reduces cleaning and sanitization time and can improve OEE.

Compact Integrated Control Enclosure

The control enclosure is compact and mounted within the footprint of the machine making it ideal for tight spaces. To save valuable space the enclosure door opens to the front permitting the A300 to be positioned closer to walls or other production lines. This design also permits convenient service and maintenance access to the A300 electronics.

IP66 Ingress Protection

All major components of the A300, including the weigh cell, motors and control enclosure, conform to IP66 ingress protection specifications. This means the A300 is well suited for environments where it will be subjected to frequent cleaning and sanitizing.

Auxiliary Discharge Conveyor

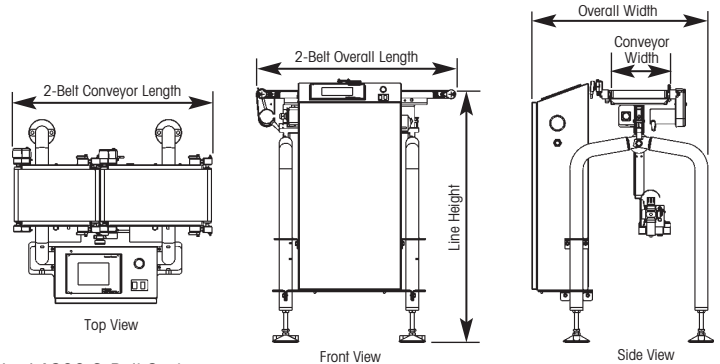
In many applications space or cost limitations require the weigh conveyor to discharge directly onto an existing conveyor assembly. For these applications the 2-belt A300 is the right choice, its air blast rejecter can be remotely mounted to complete the system. A 200 mm wide x 400 mm long Discharge Conveyor is available as an option for users who desire a full 3-belt system with the air blast rejecter factory installed on that section. A freestanding air blast or push-off rejecter is also available as an option for installation where machine mounting is not practical.

"No Tool" Conveyor Belt Replacement

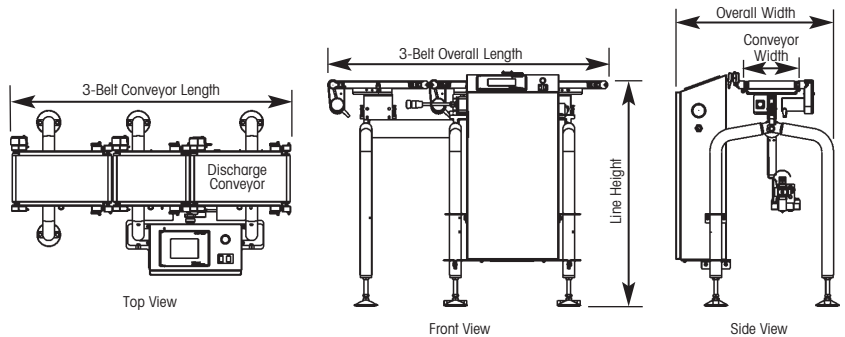
Worn, stretched or damaged conveyor belts can easily be replaced without tools. A patented tensioning system means that belt tension can be easily released to facilitate changing conveyor belts without lengthy downtime.

Optional Mobility

A caster base option is available which permits use of the A300 in multiple production lines.



Standard A300 2-Belt System



A300 System With Optional Discharge Conveyor

Technical data

Construction	Stainless Steel
Weigh Cell	Hermetic Seal, Stainless Steel Strain Gauge
Max Line Speed	200 Feet Per Minute Maximum
Max Package Length	350 mm
Throughput (maximum package length)	165 ppm
Conveyor Width	200 mm
Discharge Conveyor **	200 mm W x 400 mm L
Standard 2-Belt Configuration	400 mm Infeed & 300 mm Weigh Conveyor or 300 mm Infeed & 400 mm Weigh Conveyor
2-Belt Dimensions	770 mm L x 510 mm W (Overall Length and Width)
3-Belt Dimensions	1210 mm L x 510 mm W (Overall Length and Width)
Line Height Range	661 mm to 1118 mm; Adjustable to ±50 mm
Standard Line Height	920 mm
Belt Type	Food Grade White Belt
Emergency Stop and Conveyor Start/Stop	Top Mounted on Control Enclosure
Main Power Disconnect	Right Side on Control Enclosure
Reject Mechanism **	Machine Mounted Air Blast (Standard) or freestanding Air Actuated Push-Off Rejecter (Optional)
Ingress Protection	IP66

A300 Control

Controller Type	HI-SPEED Model XC 5.7" Color Touch Screen Controller
Weight Range	From 45 g to 4500 g
Accuracy *	From ±1 g @ 2 Sigma
Weight Classification Zones	3
Product Memories	40
Resolution	0.1 g
Communication **	Weight Data: RS232, Ethernet TCP/IP, PrintSlick
Fieldbus Gateway Modules **	Ethernet IP, DeviceNet, ControlNet, Profibus DP
Power Requirements	110/220 VAC 50/60 Hz, Single Phase

* Specifications may vary based on specific package type, weight, and speed.

** Optional.



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