

selecta

In-Motion Checkweigher

Better Control. High Speed. Superior Design.

Key Benefits

Control Your Process

Improve the control of your production process with the wealth of information provided by the Selecta In-Motion Checkweigher.

High Speed Checkweighing

The Selecta In-Motion Checkweigher accurately determines if a product meets a target weight at throughput speeds of up to 240 pieces per minute.

Superior Design

From the ground up, the Selecta has been engineered to provide a lifetime of trouble-free service. Combining features such as stainless steel open frame structure, a large touch screen control panel, easy to remove belts, results in a dynamic checkweigher that is easy to use, extremely accurate, and remarkably rugged.



Gain Complete Control of Your Plant's Production

Gain valuable insight on your plant's production process by using the Selecta in-motion checkweigher. Why rely on often inaccurate manual samples when you can achieve accurate 100% production inspection. Use the real-time reports to control production errors such as overfilling, product shortage, or defective items. The Selecta provides management with an immediate understanding of production line efficiency and profitability.

Achieve the highest production efficiency possible by using the available input/output features. The Selecta can be configured to control fillers, automatically fine-tuning product flow based on feedback from Selecta's weighing platform.

Configuring the weighing parameters, tolerances, and line speed for your manufacturing needs is easy with the large 10.4" color touch screen interface. Colors highlight key quality control indicators which include average amount, underweight amounts, and standard deviations and many more.

The Selecta can be also be configured with the included Selecta Synapse software. This software builds on Doran's experience designing software for data collection, quality control, and formula creation in industrial and food manufacturing environments. Using Selecta Synapse, management can retrieve data in easy to read reports to use for quality control, employee accountability, and product verification. All the production data and PLU parameters are stored in a database for archiving and quick, accurate retrieval.



Fast, Accurate and Affordable Checkweighing

Outpacing the competition, the Selecta can operate at speeds of up to 240 pieces per minute. That's almost twice as fast as most other in-motion checkweighers.

For a fast-paced production environment, you can depend on the accuracy of the Selecta. Built to meet the very stringent European accuracy guidelines, the Selecta does not compromise precision to achieve unparalleled speed.

At prices that are sure to fit even the tightest budget, this in-motion checkweigher outdistances the competition. High throughput speed, precise weighing, and affordably priced, the Selecta checkweigher is an unbeatable value.

Superior Design - Precision Engineering

From the rugged stainless steel housing of the touch screen display to the sturdy stainless steel open frame, the Selecta has been carefully engineered to meet the needs of busy production facilities.

Selecta's computer operating system was chosen for its record of dependability and uptime. It's the same operating system that NASA relies on to guide resupply shuttles from Earth to the International Space Station and to guide robotic vehicles on Mars.

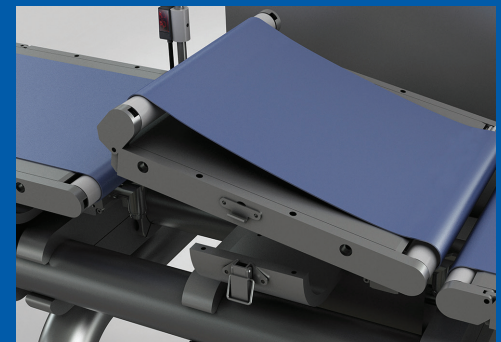
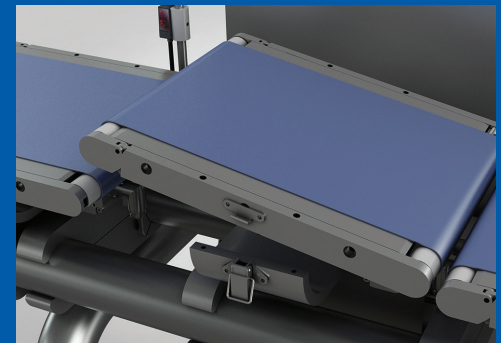
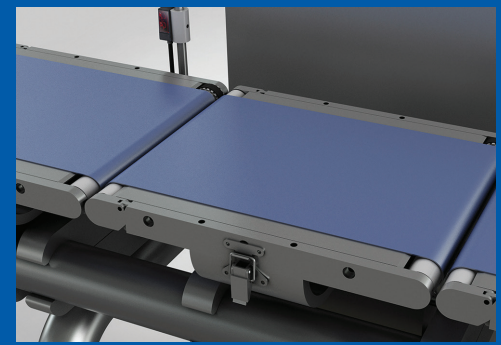
The food-grade conveyor belts are powered by brushless motors - reducing maintenance costs and production downtime. The FDA CFR 21 compliant conveyor belts are easily removed for cleaning or maintenance.

The open, stainless steel frame has a washdown protection rating of IP-54 to allow for thorough cleaning without the fear of damaging sensitive electronics or mechanical components.

The Selecta was designed to achieve four common goals - minimize costly downtime, maximize productivity, achieve rapid ROI and provide advanced reporting on collected production data.

A Perfect Fit for Any Application

With the many choices of belt sizes, lengths, working heights and options, a Selecta checkweigher can be configured to meet your specific needs.



Fast and Easy Belt Removal

Leave the tools in the toolbox, you won't need them to remove the belt for cleaning or replacement. Three steps and the belt simply slides off.

doran®



Critical information is clearly formatted and easy to see on the bright color screen. This screen shows the distribution of the weights during a checkweigh batch.

selecta
CHECK AT BEST

Specifications & Standard Features

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|----------------------------------|--|
| User Interface: | 10.4" LCD Touch Screen in a stainless steel housing - 6 password protected user levels |
| Controls: | Emergency Stop, Start |
| Product Memory: | Unlimited |
| Power: | 110 VAC, 50/60 Hz |
| Connectivity: | Standard: Wired Ethernet Optional: USB Interface, WiFi |
| Construction: | Stainless Steel & Aluminum |
| Conveyor Belt Material: | Belt complies to regulation 21CFR of the FDA |
| Maximum Throughput Speed: | 240 PPM |
| Capacity: | 1.2kg (2.6lb) (1200 Series) 3kg (6.6lb) (3000 Series) |
| Resolution: | 0.2g (1200 Series) 0.5g (3000 Series) |
| Conveyor Motors: | Brushless DC Motors |
| Conveyor Roller Dia.: | 1 Inch |
| Working Height: | 1600 - 1750mm (63-69in) |
| Signaling Device | Two Color Light Tower |
| Approvals: | OIML, CE |
| Warranty: | One Year |

Options

| | |
|---------------------------|---|
| Rejecter Types: | Air Jet Pusher Flipper |
| Rejected Products: | Rejecter Bin Locking Reject Bin Reject Confirmation and Bin Full Sensor |
| Signaling Device: | Yellow Lamp Blue Lamp |
| Printer: | External Printer |
| Connectivity: | WiFi USB Feedback to External Devices |
| Power: | 110/220 VAC, 50/60 Hz |
| Mechanicals: | Infeed Guides Draft Shield Increased Height Frame |

Specifications subject to change without notice.

