

SC510 Automatic Heavy Duty Checkweigher

Efficient checkweighing



SC510 Heavy Duty Checkweigher is the extra sturdy weighing system that quickly and efficiently checkweighs large and heavy products weighing up to 15 kg and measuring up to 800 mm.

Heavy duty checkweighing

SC510 Heavy Duty Checkweigher is the sturdy checkweigher performing dynamic checkweighing of large and heavy items such as whole roasts and cuts, value-packs, fresh fish and the like weighing up to 15 kg.

Efficient weighing and handling

The SC510 Heavy Duty is custom-designed to weigh and handle large products with great efficiency. The solid weighing platform, based on parallelogram technology, and the accurate load cells ensure accurate and quick weighing of all types of products. It can weigh unwrapped as well as wrapped products at high speed and with great precision.

Strong, compact design

SC510 Heavy Duty is made of stainless steel and designed specifically for use in production environments. The weighing belt is driven by a robust drum motor, which ensures stable operations. With a compact design and simple height adjustment of the conveyor section it is easy to fit the machine into existing production lines.

Flexible reject methods

The checkweigher comes available with different reject methods – catch-arm, flipper arm, t-pusher – which are adapted to the product type to be checkweighed. This provides for optimal handling of the product and efficient handling.

User-friendly operation

The large 15" touch screen with the logical menu guides the operator through query sequences with simple commands and ensures quick, easy and error-free operation. The simple navigation structure, clear graphics and easy product setup reduces the time required for product change.

High standards of hygiene

SC510 Heavy Duty can withstand thorough cleaning. The machine has a design featuring sloping lines and surfaces, circular hollow sections and an open construction that causes water to easily run off. This also prevents accumulation of dirt and bacteria and facilitates thorough cleaning of the machine.

Eliminate metal contamination

The SC510 Heavy Duty is available with a metal detector for inspection and reject of products if they contain metal fragments. The metal detector is integrated in the conveyor section and becomes part of the weighing system, which will constitute a compact unit.

Total production overview

SC510 Heavy Duty has a software package for monitoring, control and optimization of production using statistics and graphs. The system has a user-friendly operator interface with simple navigation structure, clear graphics and easy product setup, reducing the time spent on product changes.

PlusFlex Production Management (an option) is an application for reporting, monitoring in real time of one or more machines as well as database management and product setups.

Technical specifications

Material	Stainless steel AISI 304
Display	15" 4:3; Touch-screen
Environment	Wet and dry environment
Dim. weighing platform	W 400 x L 250/400/600/800 mm
Length - reject conveyor	Measurements on request
Belt material	FDA-approved materials
Height adjustment	From 450 to 1,100 mm, steps 50 mm +/- 25 mm
Weighing capacity	6,000 g/2,0 g or 15,000 g/5,0 g – higher capacity on request
Weighing range	Min 100 g – Max 15,000 g
Tare	Yes, from 0 to 2500 g
TWR	Up to 170 items / min.
Belt speed, approved	About 50 m / min.
Belt speed, non-approved	20-80 m/min.
Transport direction	V-H and H-V
Power supply	100 to 240 VAC, 50/60 Hz single phase
Power consumption	2.2 kW / max. 10 amp.
Compressed air supply	Max. 6 bar dry, clean air
Temperature range	0°C – +35°C
External signal	Signal lights
PC connection	Yes
Software	e-label, Policeman
Metal signal	(External) RS232, RS485 and I / O
Type approval	acc. to MID / R51:2006 XIII(1) and Y(a), d = 3000
IP Rating	IP66 - higher IP on request