

SC515 Heavy Duty Automatic Box Weigher

XL Check Weighing



FAST OPERATIONS
MAXIMUM WEIGHT
CONTROL
COMPLETE OVERVIEW

SC515 Heavy Duty Automatic Box Weigher is the robust, reliable weighing machine that checkweighs large cartons and boxes weighing up to 40 kg.

Robust and fast

With its high precision weighing, reliable performance, sturdy design and user-friendly operation, the SC515 Heavy Duty Box Weigher represents the effective solution for checkweighing of large, heavy items. All details are designed for maximum reliability and efficient operations. The SC515 checkweighs boxes and bulk products such as bags, cartons, cases and the like weighing up to 40 kg – at a speed of up to 45 items per min. The machine can also be used to check compliance with the e-weighing rules.

Reliable, compact design

SC515 Heavy Duty Box Weigher is made of stainless steel and designed specifically for use in industrial environments. The weighing belt is driven by a strong and robust drum motor, which ensures stable operations. The simple construction is durable and very reliable, which results in low maintenance costs.

Precise weighing results

The sturdy weighing platform is based on parallelogram technology and precise load cells, vouching for accurate weighing operations. The SC515 is capable of weighing unwrapped as well as wrapped products at high speeds and still maintain a high weighing precision.

Flexible design

With a compact design, simple height adjustment of the conveyor section and optional transport direction, the SC515 is easy fit into existing packing lines. Both the infeed system and reject method is adapted to the individual product and production conditions, ensuring optimum handling and efficient operation.

User-friendly operation

The large 15" touch screen with 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.

Integrated metal detection

SC515 Heavy Duty is available with integrated metal detector for inspection and reject of products in case of metal contamination.

Open, easy-clean design

The SC515 Box Weigher has an open design with sloping lines and surfaces as well as round pipe profiles. This makes it easy to clean the machine thoroughly and prevents the accumulation of dirt and bacteria.

Effective management and optimization

The SC515 Compact Sizer's software system – PlusFlex – ensures overview and precise production monitoring using statistics and graphs, fast product setup and the possibility of optimizing production. PlusFlex Production Management (an option) is a software 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 600 x L 800/1,000 mm
Length - reject conveyor	Dimensions on request
Tape material	FDA-approved materials
Height adjustment	From 450 to 1,100 mm, steps 50 mm +/- 25 mm
Weighing capacity	30,000 g/10,0 g or 40,000 g/20,0 g < – higher capacity on request
Weighing range	Min 1000 g – Max 60,000 g
Tare	Yes, from 0 to 10000 g
TWR	Up to 45 items / min.
Belt speed, approved	40 m/min.
Belt speed, non-approved	10-60 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. MID / R51:2006 XIII(1) and Y(a), d = 3000
IP Rating	IP66 - higher IP on request