

Scanvaegt SC510 Checkweigher

Efficient checkweighing



HIGHER EFFICIENCY
RELIABLE WEIGHT
CONTROL
BETTER OVERVIEW

SC510 Checkweigher is the sturdy weighing system that quickly and efficiently checkweighs large and heavy products weighing up to 6 kg and measuring up to 800 mm.

Heavy duty checkweighing

SC510 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 6 kg.

Efficient weighing and handling

The SC510 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 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 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.

Total production overview

SC510 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
Display	15" 4:3; Touch-screen
Environment	Wet and Dry environment
Dimensions	Belt width 370 mm Weighing conveyor length: 600, 700 or 800 mm Infeed conveyor length: 600 mm
Line height	600 to 1150 mm, in steps of 50 mm
Weighing capacity	6 kg/2 g
Weighing range	600 g – 6.000 g
Tare	0 – 1.000 g
TWR	Up to 133 pieces per min
Belt speed	10-80 m/min.
Belt material	Food-approved
Power supply	220-240 V 50 Hz
Temperature range	0°C – +30°C
Software	Policeman, e-weighing, feedback
Options	Connection to PlusFlex PM pc, data output, metal detector connection, light tower with status signal
Verification	MID / R51:2006 XIII(1) og Y(a)
IP Rating	IP66
IP Rating - load cell	IP68