scanvaegt systems

Scanvaegt SC520 Checkweigher

Fast and stable checkweighing operations

PRECISE CHECKWEIGHING

USE IN HARSH PRODUCTION ENVIRONMENTS

Scanvaegt SC520 Checkweigher is the ultra-robust system for internal checkweighing control in wet food processing production environments.

The strongest weighing system

Featuring a robust and reliable design that can withstand use in even harsh production environments, Scanvaegt's SC520 Checkweigher is the ideal solution for checkweighing of bulk products in the wet food industry.

The automatic process checkweighing system weighs and controls all products using sharp precision and high-speed and can be used for internal e-weighing before the packing process takes place as well as controlling the filling processes with feed-backward.

Regulating the filling process

SC520 Checkweigher can regulate input amounts in a filling process using feed-backward signals. If the weighing system detects over- or underweight products, a signal is sent backward to the filling machine, after which the volume is increased or decreased in proportion to the predefined weight limits. This makes it possible to make quick corrections and avoid over- or underweight products.

Fast and stable

With weighing speeds of up to 340 items per minute, SC520 Weigher ensures high productivity.

The design of the weighing machine, featuring slack-belt and pin-drive, provides fast and more stable weighing even in harsh production conditions while ensuring accurate weighing results.

Optimal durability

The Checkweigher is made of high-quality components, which makes it extremely strong and durable. A hermetically sealed load cell in stainless steel combined with overload protection and an anti-shock system, protecting the load cell, prevent breakdowns and ensure maximum uptime.

Reliable design

Scanvaegt SC520 Checkweigher is characterised by high reliability. The weighing system is based on the solid parallelogram construction (patent pending) with overload protection, which protects the weighing cell and ensures reliable weighing results.

The belt is driven by a strong and hard-wearing drum motor that can withstand use in the food industry. Its compact design and user-friendly height adjustment makes it easy to integrate Scanvaegt SC520 Checkweigher in existing production lines. The SC520 Process Checkweigher is available with Slack belts, variable belt speed and optional conveyor direction allowing the Checkweigher to be adjusted to any product in any production line.

User-friendly operator interface

SC520 Checkweigher features a large 15" touch-screen with intuitive menus guiding the operator through asking sequences using simple commands and ensuring quick, easy and error-free operation.

The simple navigation structure and clear graphics and easy product setup reduce the time required at product shifts.

Open, easy-to-clean design

SC520 Checkweigher features an open design with sloping lines and surfaces and round pipe profiles. This makes it easy to clean the machine thoroughly and prevents the accumulation of dirt and bacteria.

Technical specifications

Material	Stainless
Display	15" 4:3; Touch-screen
Environment	Wet and Dry environment
Dimensions	Belt width 275 mm
	Weighing bridge - length: 900 mm
	Weighing table - length: 250, 300, 350, 400 or 500 mm
	Weighing bridge - length: 1200 mm
	Weighing table - length: 250, 300, 350, 400, 500 or 600 mm
Line height	700 to 1500 mm, in steps of 50 mm
Weighing capacity	3 kg/1 g
Weighing range	30 g – 3.000 g
Tare	0 – 500 g
TWR	Up to 340 pieces per min
Belt speed	20-110 m/min.
Belt material	Food-approved
Power supply	220-240 V 50 Hz
Temperature range	0°C – +30°C
IP Rating	IP66
IP Rating - load cell	IP68
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)