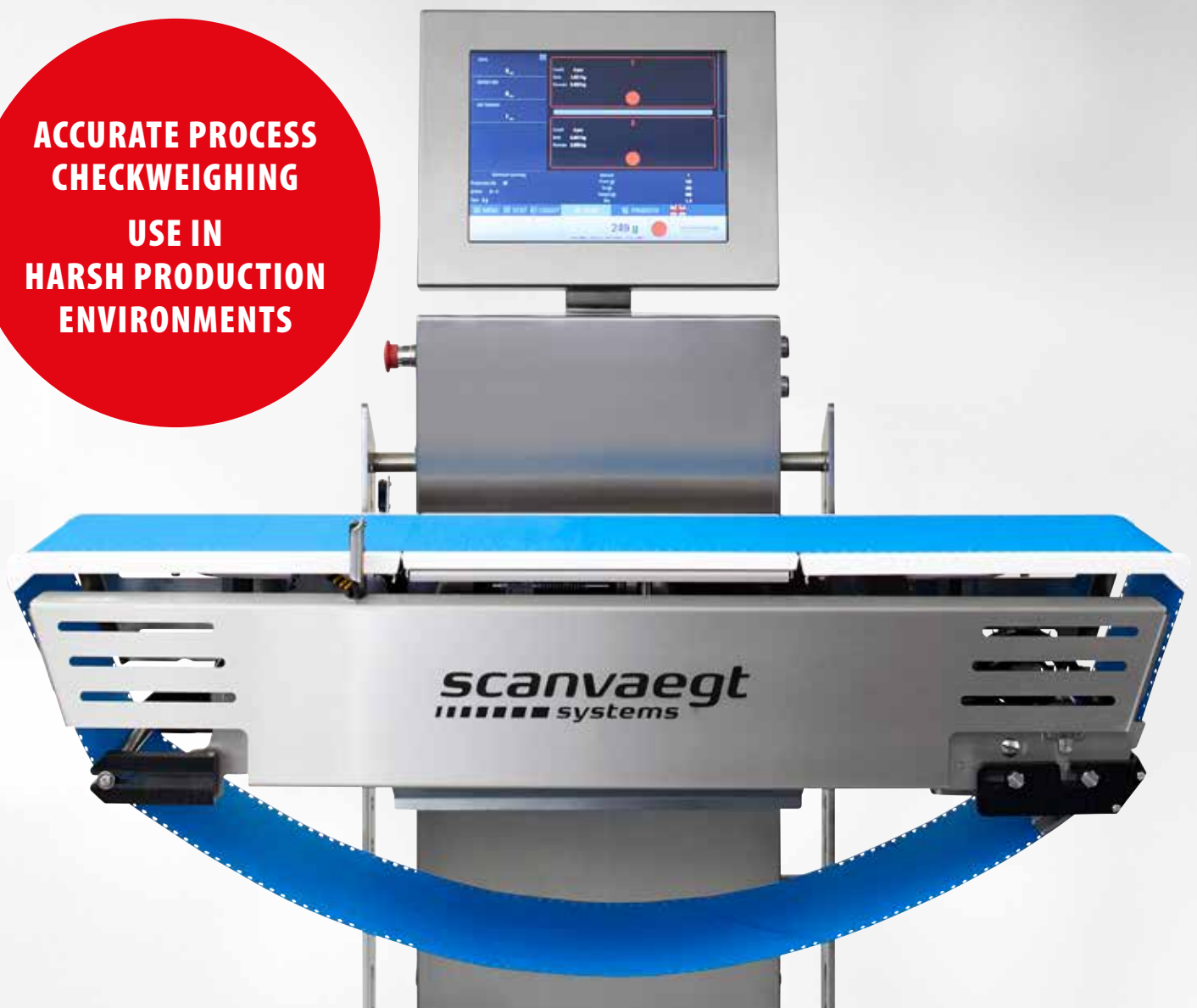## Scanvaegt SC520 Process Checkweigher

Fast and extremely stable checkweighing operations

ACCURATE PROCESS CHECKWEIGHING

USE IN HARSH PRODUCTION ENVIRONMENTS

Scanvaegt SC520 Process 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 Process Check-weigher 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-forward and feed-backward.

Regulating the filling process

SC520 Process Checkweigher can regulate input amounts in a filling process using feed-backward and feed-forward signals. If the weighing system detects over- or underweight products, a signal is sent forward or 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 300 items per minute, SC520 Process Weigher ensures high productivity.

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

Optimal durability

The Process 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 Process 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 conveyor 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 Process Checkweigher in existing production lines. The SC520 Process Checkweigher is available with Slack belts, variable belt speed and optional conveyor direction allowing the Process Checkweigher to be adjusted to any product in any production line.

User-friendly operator interface

SC520 Process 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 Process 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 steel AISI 304, PET-P, PE-HD
Display	15 "TFT-Color LCD: 1024 x 768 Touch-screen
Environment	Wet environment
Weighing platform dim.	W 275 mm x L 350, 400, 500, 600 or 900 mm
Belt types	Slack-belt
Belt material	FDA-approved materials
Height adjustment	From 700 to 1100 mm, 100 mm +/- 50 mm stages
Weighing capacity	1,500 g/0.5 g, 3,000 g/1 g or 6,000 g/2.0 g
Weighing range	Min 30 g – Max 6,000 g
TWR	Up to 300 items/min
Belt speed, non-approved	40-120 m/min
Transport direction	L-R and R-L
Power supply	1*220 VAC, 50/60 Hz single phase
Power consumption	1.0 kW / max. 10 amps
Temperature range	-5 °C to + 35 °C
PC connection	Yes
Software	Sizing, internal e-weighing, Policeman, feed-backward and feed-forward
Density	IP66 – higher IP on request
Density - load cell	IP68