

XS1 – High-throughput weighing of small products



Ultra-lightweight
weighing conveyor
– core of the XS1 system



Colour touchscreen
Large 15" display for best
visibility and easy operation

The "small" GARVENS. Designed specifically for small lightweight products.

Ideal for products with small footprint, fast throughput and high accuracy requirements.

In addition to the ability of handling small products (product diameters ≤ 12 mm) this checkweigher also shares the other technical benefits offered by the "X series": easy-to-use touchscreen for clear operator guidance and continuously variable belt speed with constant maximum torque.

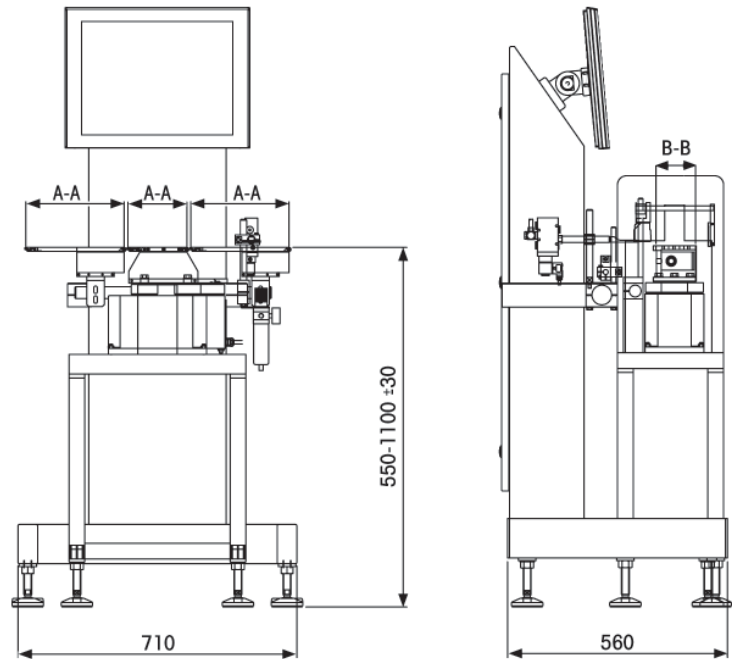
Technical data

XS1

– checkweigher for minimal products and maximum performance

The XS1 is a particularly compact design of the new "X series" of dynamic checkweighers. It is specifically designed for handling small size/footprint products in high-throughput production lines. The small, lightweight conveyors ensure that high weighing accuracy is maintained even when operating at high belt speeds.

Its compact design ensures that the XS1 can be easily integrated in most existing production lines.



Schematic of XS1 – typical dimensions in mm

Characteristics (standard specification)

- up to 7 weight zones for weight classification
- automatic or manual zero control
- monitoring of compressed air supply
- flexible integration into production lines
- multiple language support for on-screen dialogue
- 115/230 V AC, 50/60 Hz, single-phase, ≤ 300 VA

Weighing terminal

- touchscreen colour display, TFT 15", resolution 1024 x 768 pixel (XVGA)
- operator-friendly: TachoControl, operator prompts (menus), user profiles
- indication of all current important weighing and production data as well as configuration screens
- Windows-based control, XP embedded
- 200 product memories

Options and accessories

- feedback control program for automatic adjustment of filling machines
- statistics program for evaluation
- various monitoring devices (e. g. backup detection)
- various interfaces (e. g. weight data transmission); network compatibility
- calculation of the gliding mean value
- mean value trend monitoring
- PrintStick or printer
- password protection for multiple access levels
- further special options and accessories on enquiry

* within the approved tolerances, depending on the weight, dimensions and transport behaviour of the product being weighed

Technical details

Technical details	XS1
Weighing range	up to 200 g
Accuracy*	from ± 0.015 g
Throughput (weighings / minute)*	max. 600
Roller centres, weighing conveyor (A-A)	150, 200, 250, 300 mm
Belt width, weighing conveyor (B-B)	60 mm
Roller centres, infeed/outfeed conveyor (A-A)	150, 200, 250, 300 mm
Belt width, infeed/outfeed conveyor (B-B)	60 mm
Standard rejecting device	air jet

nefton
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