



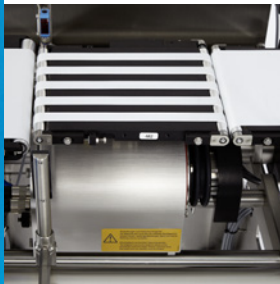
C35 Pharma

Perfect Weighing for Maximum Performance



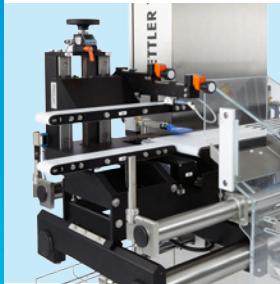
Ease of use

Process data acquisition with a clear display on a large touchscreen. Smooth processes and maximum uptime – thanks to our future-proof system architecture designed with practical scenarios in mind, but also to our customised checkweigher configurations.



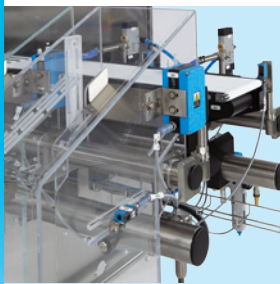
Up to 33% higher performance

Don't let anything stand in the way of increasing production line throughput. The C-Series combines high throughput with the utmost accuracy to promote tighter manufacturing tolerances in your production facility. Improved processes mean an increase in overall equipment effectiveness to maximise your profits.



Maximum productivity

The transfer unit consisting of top and bottom belts for exact product transfer as well as the detection of open flaps and askew packages increase system availability and minimise unforeseen production line stoppages.



Extensive controls maximise process reliability

A wide range of options – both electromechanical and software – are available, ensuring that the production processes can be controlled precisely to ensure maximum safety.



Efficient tool for the pharmaceutical industry – tailored for reliability

The C35 Pharma checkweigher is fitted with numerous configurable options and features for pharmaceutical production companies. It offers optimal product throughput and protects downstream production facilities through a variety of product control options. High-performance weighing belts ensure increased weighing accuracy by means of "minimised" belt transfer zones thanks to a small roller which is just 15 millimetres in diameter.

To ensure product safety and consumer protection, there are lockable catch bins, as well as additional software options that guarantee increased product safety, such as local audit trails, in-process test functions and comprehensive statistical process control, satisfying the requirements of pharmaceutical companies.

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Future-oriented Technology to Respond to Your Needs

Easy integration into production lines:

- Many features are available to provide a solution tailored exactly to your needs, such as: networking for multiple checkweighers, creation of audit trails for each checkweigher, optional line monitoring system and Factory Acceptance Tests (FAT).
- Whether you are concerned with validation packages, qualification documentation or Site Acceptance Testing (SAT) – we are there to support you in your production facility!

Perfect product handling:

- Product packages such as folding boxes or jars are transferred precisely by the transfer unit from the previous device, e.g. a cartoner. The system can be adjusted to different product dimensions in seconds thanks to its easy-to-use adjusters.

Support for Good Manufacturing Practice guidelines:

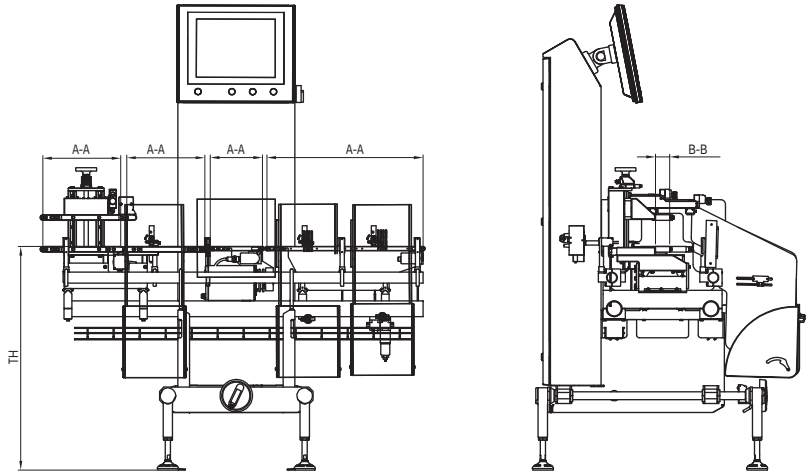
- The checkweigher checks all product packaging to the highest precision, ensuring compliance with the target weight and also guaranteeing the completeness of the contents, with non-conforming product packages being safely and accurately rejected. Advanced software ensures that production documentation is generated.

Typical C35 Pharma configuration

- 15-inch touchscreen terminal with emergency off switch and USB port
- Mechanical transfer unit with bottom belt and height-adjustable upper belt for precise and reliable product transfer
- D15 high-performance weighing belts (see table of dimensions)
- Lateral adjustment for easy track centre alignment
- Weighing conveyor cover
- Air jet as gentle product sorting/rejecting device
- Lockable transparent plastic catch bin
- Catch bin full sensor
- Pressure monitor
- FDA 21 CFR Part 11 functionality, individual user profiles with password protection, audit trails, advanced user management
- Classical and "X out of Y" successive errors detection
- Askew package detection and/or open box flap recognition to protect downstream machinery
- Countercheck in the "good" path
- Statistical programs e.g. the version "pharmaceutical statistics"

Performance features

- Design approved for official verification
- Weighing cell: relies on the principle of electromagnetic force compensation; digital, maintenance-free, temperature-stable
- Continuously variable belt speed
- Classification in up to seven weight zones
- Automatic or manual zero reset
- Individual user profiles with password protection
- Various selectable programming languages
- Display of all key up-to-date weighing data and production and configuration screens
- Real-time data capture and distribution



Dimensions

Typical dimensions in mm (A-A, B-B vary depending on the conveyor size)

- Entire system is height adjustable by ± 30 mm for optimal alignment/line integration
- Floating outputs for "Checkweigher ready for operation" and "Conveyor belts running", implemented as changeover relays
- Temperature range 0 – 40°C (different temperature ranges are available for special versions)
- 115/230V AC, 50/60 Hz, single-phase, ≥ 500 VA

Further options

- Rejection counter-checking (at each catch bin)
- Various monitoring devices e.g. product backup detection
- LogIn Server/Domain log-in
- Fieldbus interface module
- OPC
- ProdX interface
- Support for FAT/SAT/validation

Further options are available

Technical details

Technical details	C35 Pharma
Weighing range, dependent on article weight*	within the range 0 – 300 g
Accuracy**	from ± 0.01 g (10mg)
Throughput (weighings/min) **	max. 600
Distance between roller centres (A-A), weighing conveyor	150, 200, 250, 300 mm
Belt width (B-B), weighing and outfeed conveyor	150, 200 mm
Distance between roller centres (A-A), outfeed conveyor	400, 600, 800 mm
Standard sorting/rejecting equipment	1 air jet
Line height (TH), other heights available on enquiry	550 – 1100 mm (± 30 mm)

* Dependent on the design and dimensions of the weighing conveyor being used

** Within official margins of error, depending on the weight, dimensions and running characteristics of the product being weighed



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