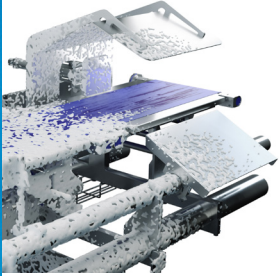


C33 PlusLine WD

Robust Performance for Harsh Environments



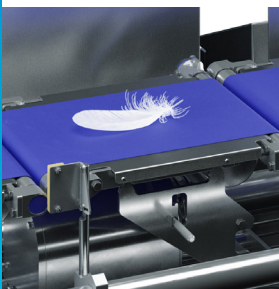
Resilient System Design For Harsh Cleaning Regimes

The C33 PlusLine WD including the touchscreen has been IP69 rated for high-pressure washdown and was certified resistant to most caustic detergents and disinfectants according to ECOLAB material testing.



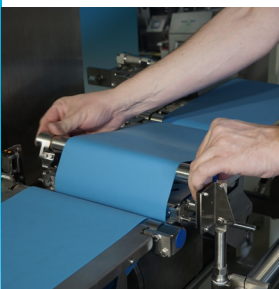
Fast Maintenance to Reduce Downtime

The conveyor belts can be released or removed in 3 fast steps to support different cleaning regimes whilst the driving unit can also be dismantled and changed easily for maintenance purposes.



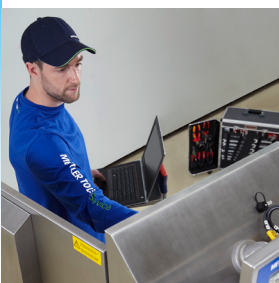
High Precision in Harsh Environments – MID Certified

The frame is not just resilient but also supports high weighing accuracy. With MID certification, the checkweigher complies with Weights & Measures regulations while reducing costly product waste.



Prevent User Errors and Increase Uptime

Failsafe operation with error safe reassembly of the conveyors. Rollers from the in- and outfeed conveyors cannot be incorrectly added to the weigh conveyor. Self-adjusting, elastic belts remove the need for tensioning upon reassembly.



Global Service Support

The industry's largest, truly global service network ensures first class support – from professional installation to achieve compliance, over service contracts for maximum performance up to rapid delivery of spare parts to reduce downtime.



IP69 Washdown Checkweigher Accurate, Reliable Weight Inspection

With a combination of reliable weighing accuracy and rugged machine design, the C33 PlusLine WD boasts hygienic and easy clean design.

Only four feet on the floor provide easy cleaning access while sloped surfaces and round tubes prevent liquid retention and discourage bacterial contamination.

The C33 PlusLine WD complies with global regulations governing conveyor belt expected to come into contact with food, including Regulation (EC) 1935/2004 and Regulation (EU) 10/2011, which finally support customers to comply with FDA standards.

METTLER TOLEDO

C33 PlusLine WD

Precision and Reliability

Intuitive Operation

The 12" touchscreen monitor provides key runtime data and statistics in over 30 languages, with additional accessibility and ease-of-use options available. It is positioned at the front of the system to encourage worker safety and is included in the IP69 rating of the system – meaning there is no need to cover or remove it during cleaning.

Support of Food Standards

Ideal for the transport of unstable or open products such as jars, trays and cans, the IP69 checkweigher facilitates cleaning and supports hygiene in line with EHEDG, 3-A and AMI guidelines, as well as USDA Dairy and EU standards.

Line Integration Facilitating Options

- Data interfaces and protocols e.g. Fieldbus (DeviceNet, Ethernet IP, PROFINET, PROFIBUS), OPC DA and UA, RS232/422/485 and CL20 active/passive
- Interface to the METTLER TOLEDO statistical quality control system FreeWeigh.Net™ or ProdX™ data management system for remote access and enhanced insight in production processes

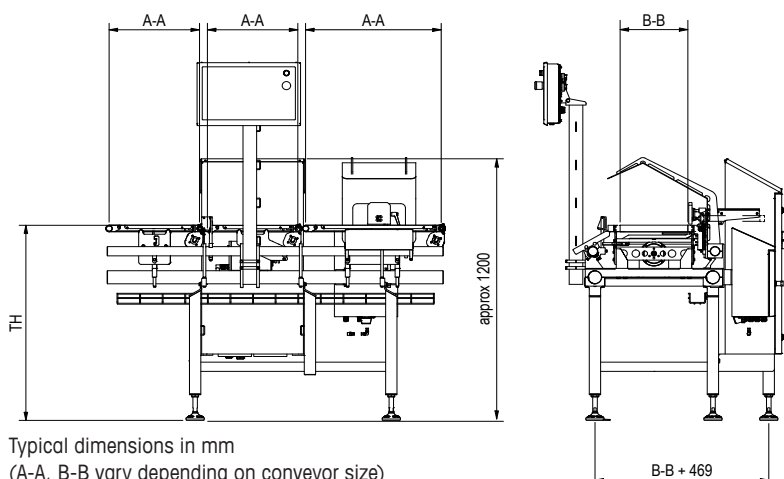
Due Diligence and Safety Enhancing Functions

- Countercheck in the good product path
- Reject verification
- Shield-guard

Electronic/Software Options and Accessories

- Automatic filling process readjustment (feedback control with three individual controllers for fill heads), standard or extended version
- Monitoring and alarm options e.g. back-up detection and successive errors detection as well as color-coded and/or acoustic signaling devices allow immediate reaction to production line problems
- Extensive statistical functions
- Special voltages on request

Full choice of IP69 combination systems for contamination detection plus additional options and accessories available.



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

Technical Details

	C33 PlusLine WD
Weighing range*	25 g - 7000 g
Accuracy**	from ± 0.2 g (200 mg)
Throughput**	max. 250 weighings/minute
Max. conveyor speed	90 m/minute
Distance between roller centers (A-A), infeed conveyor as well as outfeed conveyor	250, 300, 400, 500, 600, 800, 1000, 1200, 1500, 1800 mm
Distance between roller centers (A-A), Weigh.	250, 300, 400, 500, 600 mm
Width (B-B), Infeed/Weigh/Outfeed conveyor	150, 200, 250, 300, 400 mm
Line height (LH), other heights on enquiry	550 - 1100 mm (± 50 mm)
Compressed air supply	approx. 6 bars (87 p.s.i.)
Noise level, standard system at full speed***	less than 80 dBA at 1 m height and 1 m distance
Product (article) setup memory	for up to 400 products
Classification	in 3, 4 or 5 weight zones
Zero reset	automatic or manual
Signals and contacts	reject control signal for reject devices, contact for over max. weight and under min. weight
Electrical (with lockable mains disconnect)	110/230 VAC, 50/60 Hz, single-phase, N, PE, $\geq 750 - 1000$ VA
Ingress protection rating	IP69 (washdown design)
Surface material and finish	stainless steel, optionally passivated

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

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

*** Certain conveyor and sorting/rejecting device options may increase the system noise level

General Technical Data

Approval No. (DE)	DE-17-MI006-PTB006 Weights & Measures design approval for official verification (MID certifiable)
Weighing technology	Electromagnetic force restoration (EMFR) load cell, Swiss made, digital, maintenance-free, with temperature compensation
Weighing terminal (HMI)	12" or 7" high-contrast color touchscreen display with emergency stop switch, individual user access profiles with password protection, more than 30 selectable languages for the dialog/prompts; display of all key up-to-date weight data, production and configuration screens; real-time data capture and distribution
Conveyor belt speed	Continuously variable

METTLER TOLEDO Service with global reach and tailored care solutions



Mettler-Toledo Group

Product Inspection Division

Local contact: www.mt.com/contacts

Subject to technical changes. Images are examples only.

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For more information