

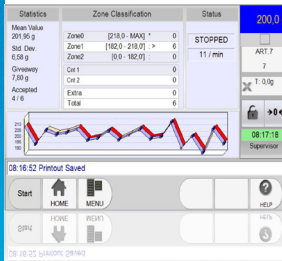
## C21 StandardLine

### Reliable Completeness Check



#### Preconfigured System Options

Choice of preconfigured systems with scalable accuracy for smaller products up to 35 kg or larger products up to 80 kg. Each system offers a wide choice of conveyor sizes for optimal line integration.



#### Customized Configurations

The robust 7" color touchscreen offers intuitive, easy operation in over 30 languages. Additional alarm options can be configured including light stacks or alarm horns.



#### Easy Maintenance and Service

Quick and easy belt exchange reduces costly downtime. The motor position can be selected to facilitate easy access to the entire machine after installation for service and maintenance.



#### Global Service Support

A global network of service experts provide fast remote and on-site support. Our comprehensive service offering supports you to achieve regulatory compliance, highest performance and maximum uptime throughout the lifecycle of your product inspection equipment.

#### C21 StandardLine Checkweigher

This robust checkweigher for heavy loads can be easily integrated into any production line, offers intuitive operation and delivers cost-effective, end-of-line completeness checks for products up to 80 kg.

- **Efficient Operation** – An easy to operate system, requiring minimal operator attention and training. Machine messages are communicated as clear text for easy understanding.
- **Range of Connectivity Options** – Multiple communication channels based on Fieldbus or OPC technology are available for effective data communication to centrally operate the system.
- **Robust System Design** – The C21 StandardLine is extremely robust and delivers accurate weighing results with the powerful, proven METTLER TOLEDO strain gauge weighing technology.

## C21 StandardLine

### Reliable Completeness Check

#### General Technical Data

Approval no. (DE)	DE-17-MI006-PTB006 Weights & Measures design approval for official verification (MID certifiable)
Weighing technology	Strain gauge technology, robust and reliable, scalable performance according to application requirements
Weighing terminal (HMI), integrated	7" color touchscreen TFT 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 as well as Weights and Measures information; tare weight functionality, real-time data capture and distribution
Conveyor belt speed	Continuously variable (see right table)

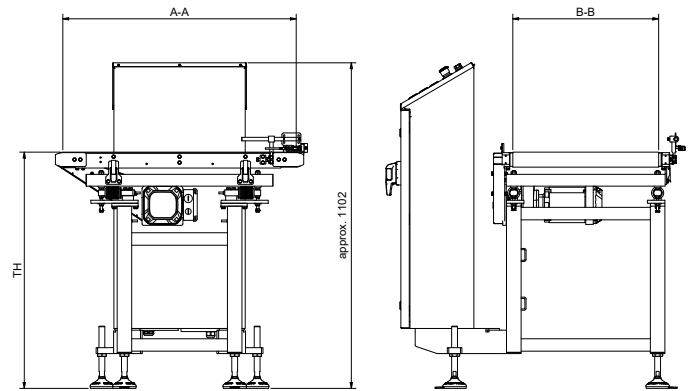
#### Options and Accessories – Mechanical/Electromechanical

- Infeed conveyors, offfeed conveyors, roller paths
- Guide rails
- HMI mounted separately for optimal usability
- Rejecting equipment e.g. pusher, two-way roller path to ensure efficient removal of rejected products

#### Options and Accessories – Electronic/Software

- Data interfaces and protocols e.g. Fieldbus (DeviceNet, Industrial Ethernet/IP, PROFINET, PROFIBUS), OPC DA and UA, serial communication (RS232/ 422/ 485)
- 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
- Statistics program with printer or PrintStick (USB memory stick and reader software for PC)
- Control panel (enclosure) in compliance with UL508A
- Special voltages on request

Other options and accessories available



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

Technical Details	System 47	System 80
HMI	7", 800 x 480 px, incl. StandardLine software	
Weighing range*	up to 35 kg	up to 80 kg
Accuracy**	from ± 5 g to ±10 g	
Throughput** (weighings/minute)	max. 100	
Max. conveyor speed	45 m/minute	90 m/minute
Distance between roller centres (A-A)	500, 600, 800, 1000 mm	1000, 1200, 1500, 1700 mm
Conveyor width (B-B)	300, 400, 500, 600 mm	500, 600, 700, 800, 900, 950, 1000, 1100 mm
Roller diameter	47 mm	80 mm
Maximum product width	600 mm	1100 mm
Line height (TH), other heights on enquiry	280 - 1800 mm (± 50 mm)	
Product (article) setup memory	for up to 100 products	
Classification	up to 3 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, single-phase, 50/60 Hz, N, PE, ≥ 1200 VA	
Hygienic Requirement	wipe down (≤IP54)	
Standard surface finish	brushed 304 (SAE)/ 1.4301 (EU) stainless steel	powder coated (painted)

\* Dependent on product (article) weight and the design and dimensions of the weighing conveyor being used

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

METTLER TOLEDO Service – with global reach and tailored care solutions



**METTLER TOLEDO Group**

Product Inspection Division

Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)



Subject to technical changes. Images are examples only.

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For more information