C35 AdvancedLine
Precision and Versatility

Customized Product Handling
Fully customizable with 250 performance and productivity enhancing options. Product handling variants include sidegrip conveyors, top and bottom conveyors, infeed timing screws and starwheels to ensure smooth product flow.

Unparalleled in Challenging Environments
Designed for endurance and maximum reliability to perform in wet, dry and harsh working environments. Specialized conveyors are designed to match applications and production conditions.

Data Collection to Support Compliance
More than ten data communication protocols including Ethernet, Fieldbus and OPC technologies to provide the fullest suite of data collection tools available. Supports Industry 4.0 integration projects.

Integrated Inspection Technologies
Available as a combination system with a choice of different product inspection technologies to ensure that smaller footprints are achieved. Ideal as Critical Control Point for best quality and safeguarding brand reputation.

Global Service Support
An extensive global service network fully supports cross-border contracts and ensures timely support, availability, and rapid delivery of spare parts. This reduces downtime and keeps production running smoothly.

C35 AdvancedLine
Maximum Efficiency and Flexibility

A throughput of up to 600 packs per minute, a weighing range from 3 g to 10 kg and extremely high weighing accuracy positions the C35 AdvancedLine at the vanguard of checkweighing technology.

Its outstanding precision and versatility allow its use in all industrial production situations requiring 100 percent weight control, especially those where demanding and complex application requirements need to be achieved. Specialized conveyors and handling options allow for the optimal transport of unstable or open products such as jars, trays and cans. The C35 AdvancedLine has been designed to enhance production line performance, up-time availability and quality. In addition, it supports all current global food safety standards, legislation and regulations.
C35 AdvancedLine

Precision and Versatility

General Technical Data

<table>
<thead>
<tr>
<th>Approval no. (DE)</th>
<th>DE-17-M006-PTB006</th>
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<tbody>
<tr>
<td>Weighing technology</td>
<td>Electromagnetic force restoration (EMFR) load cell, digital, maintenance-free, with temperature compensation, Swiss made</td>
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<td>Weighing terminal (HMI)</td>
<td>15-inch 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; real-time data capture and distribution</td>
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Conveyor belt speed | Continously variable |

Options and Accessories – Mechanical/Electromechanical

- High-performance conveyors or high-precision conveyors for highest weighing accuracy
- Water protection design (IP65, stainless steel conveyors with easy belt removal)
- Up to six additional infeed conveyors and/or infeed timing screw for timing and spacing
- Sidegrip or top-bottom conveyors for flawless product transfer
- Various sorting/rejecting devices such as air blast (air jet), pusher, swing gate, lift gate, lift conveyor, drop-down conveyor
- Product collection devices such as plastic or stainless steel catch bins, turntable, and gravity roller path
- HMI or enclosure mounted separately for optimal usability
- Various shields and safeguards for enhanced weighing performance as well as high process safety

Options and Accessories – Electronic/Software

- Extensive statistical functions and printing/output options
- Automatic filling process readjustment (feedback control with eight individual controllers for fill heads), standard or extended version
- Several sensors to identify askew packages or open packages – to ensure high product quality
- Extensive monitoring and alarm options e.g. back-up detection and successive errors detection as well as color-coded and/or acoustic signaling devices to allow immediate reaction to production line problems
- Data interfaces and protocols e.g. Fieldbus (DeviceNet, PROFNET, PROFIBUS), OPC DA and UA, RS232/422/485, CL20 active/passive, industrial Ethernet/IP
- Interface to the METTLER TOLEDO SQC system FreeWeigh.Net™ or ProdX™ data management system – for remote access and enhanced insight in production processes
- Control panel (control enclosure) in compliance with UL508A
- Combination with other product inspection technologies
- Many more options and accessories available

METTLER TOLEDO Service with global reach and tailored care solutions