

# CW4400 Checkweighers

Fast, accurate, and robust



- Accurate.
- Highspeed.
- Innovative.
- Easy-to-use.

# CW4400

Checkweighers and in-motion scales are crucial for precision, quality control, and regulatory compliance in various industrial tasks. Introducing our latest CW4400 Series, a significant overhaul from its predecessors. Designed for meticulous product weight assessment, these systems ensure compliance with weight standards and offer adaptable solutions for diverse industry needs.

Focussing on:

- **High-Speed Checkweighing:** The CW4400 series is engineered for high performance, reaching speeds of up to 60 meters/minute, ensuring swift and accurate checkweighing operations.
- **User-Friendly Interface:** The CW4400 presents an intuitive and organized interface, offering user simplicity alongside advanced features, facilitating ease of use and comprehension during machine operation.
- **Data export & software Integration:** Equipped with the Omega software package, the CW4400 enables seamless data export of batches via USB or Webserver, facilitating comprehensive PDF reports or CSV data exports for efficient data management.
- **Reliability and Field-Tested:** With decades of refinement and field testing, the CW4400 series and the Omega software have established a reputation for reliability, ensuring consistent performance and accuracy.
- **EU Regulation Compliance:** The CW4400 series stands fully compliant with all EU regulations pertaining to the food industry, ensuring adherence to stringent standards for quality and safety in food processing and packaging.



<b>Touchscreen / PC:</b>	10.1"screen, Windows Embedded
<b>Maximum speed:</b>	Each product has a variable belt speed, adjustable up to max 60 meters per minute, allowing for up to 180 pieces per minute.
<b>Network connection:</b>	TCP/IP, UDP, industrial ethernet
<b>Connectivity:</b>	Back office application
<b>Housing:</b>	Complete stainless steel 304:
<b>Belts:</b>	Blue FDA Approved
<b>Separation:</b>	Built-in product separation (Optional)
<b>Printer:</b>	Optional expandable with top/bottom printers
<b>IO:</b>	Digital IO and UDP for lien integration
<b>Weight zones:</b>	Between 1 till max 8 weight zones per item
<b>Electricity:</b>	230V, 50Hz, 200W
<b>Operating temperature:</b>	0 to 40° C

## SOFTWARE

- e-mark registration & reporting
- Efficiency control
- Graphical overviews
- KPI Reporting
- Multi-user network version
- Integrated into LCU module series

# Design

## Easy-to-Clean Design.

In a production environment, especially in the food industry, it's very important to keep machines clean. Our check- and beltweighers are specially designed to make the cleaning process quickly and efficiently. Thanks to our checkweigher design, the conveyor belt parts are easily disassembled with the clicking mechanism. The wiring of the motor drives are also quickly assembled and disassembled in a matter of minutes, thanks to our connection solution. The frame of our checkweighers are designed for easy cleaning and the prevention of remaining water and dirt. These solutions make for a quick and efficient cleaning process.



## Streamlined Data Management with Checkweigher Connectivity Options.

Streamlining data management is pivotal in modern production, and our checkweigher offers a suite of connectivity options for effortless data transfer.

In instances where a permanent network connection isn't viable, our checkweigher provides an easy alternative – data transport via USB-stick. This feature allows for the swift retrieval of the USB-stick from the checkweigher, enabling secure backups of crucial machine configurations, article data, and current production records.

Moreover, our checkweigher boasts webserver data transport capabilities, providing an additional user-friendly avenue for transferring essential information. Through the webserver interface, you can conveniently upload and retrieve production data, configurations, and backups, ensuring flexibility and easy access to vital records.

Whether via USB-stick, or webserver, our checkweigher's connectivity options facilitate efficient data management, allowing you to maintain, back up, and restore crucial information with unparalleled ease and reliability.

## Rejector options.

The WPL-4400 series presents a range of rejector solutions tailored to meet diverse production demands. Each rejector solution within the CW4400 series is meticulously crafted to ensure fast, safe, and efficient rejection without compromising the integrity of your products. With customizable configurations, these rejectors seamlessly integrate into your production lines, offering unparalleled reliability and performance. Elevate your production capabilities with the WPL-4400 Series and its rejector solutions.

### Air-Rejector:

- Gentle and efficient rejection.
- For delicate or fragile products.
- Rapid rejection.
- Single or double air-rejector

### Catch-Rejector:

- Best for unpackaged products
- Adjustable speed.
- pneumatically operated side output

### Push-Rejector:

- Swift and precise.
- Adjustable speed.
- High speed rejecting.
- T-shaped rejector arm.

# The CW4400

## The new and improved CW4400 Series.

The CW4400 series of checkweighers ensures robustness, reliability, and meets the diverse requirements across various business sectors. Specifically designed for precise, automated, and continuous weight management of small to medium-sized products, the CW4400 presents an ideal solution.

Enhancing the efficiency and profitability of logistic processes, the CW4400 weighs and sorts both unprocessed and packed products. Our checkweighing machines serve the purpose of detecting incomplete products (missing items) or managing weight accurately. Implementing this machine can prevent product giveaway, resulting in:

- Reduced waste
- Increased output

Our checkweighers are tailored for various applications in different industries, enabling the weighing of a wide range of products such as parcels, bags, bottles, cans, pots, vegetables, and boxes. They are well-suited for the most demanding production environments and can seamlessly integrate with metal detectors and vision devices.

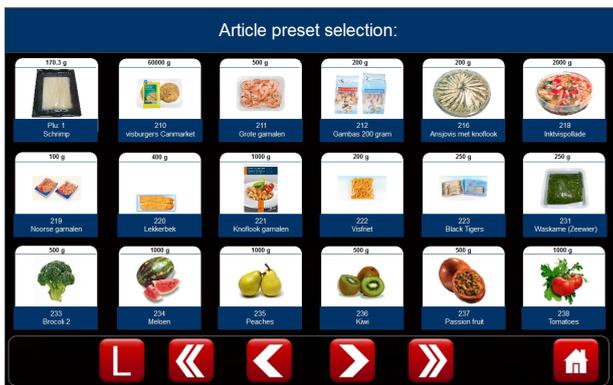


Models- CW4400	940100	940105	940110	940115
Platform outer dimension (mm)	300x250	400x300	500x400	600x400
Platform outer dimension (Inch)	-	-	-	-
<b>Weighing capacity (Accuracy)</b>				
600 g (0,1-0,2 g)	X	X		
1500 g (0,5 g)	X	X		
3 kg (1 g)	X	X	X	X
6 kg (2 g)	X	X	X	X
15 kg (5 g)	X	X	X	X
30 kg (10 g)	X	X	X	X
60 kg ( 20 g)	X	X	X	X
<b>Options</b>				
Weighingbelt cover	X	X	X	X
Omega Software	X	X	X	X
Rejectbin	X	X	X	X
Intergrated Rejector	X	X	X	X
External Rejector & belt	X	X	X	X
Air-rejector	X	X	X	X
Catch-rejector	X	X	X	X
Push-rejector	X	X	X	X

# Options

## Omega software package.

Introducing the latest Omega software, now equipped with an array of enhanced features. Among its advancements is the optional Dark Mode interface, providing users with a sleek and visually comfortable alternative for extended use. Additionally, this updated version boasts significant performance enhancements, ensuring smoother operations and increased efficiency for users across various tasks and workflows.



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