Matthews CWL Checkweigher

Logistics and Industrial Checkweigher

Designed for logistics and industry

The dynamic CWL range has been specifically designed for the logistics and industrial sectors. With it's in-motion weighing capabilities, it can reliably check cartons, boxes etc. weighing up to 60kg without decreasing production line speeds and still ensuring accurate results each time.

Customisable and compact

Features such as adjustable transport rollers, height inclinations of up to 20 degrees and multiple interface designs, means that your business can gain maximum advantage from the CWL as it can be customised to suit you. Even when including the extra features, the CWL machines are still designed to be compact and easily fit into existing production lines and facilities.

NMI approved and verifiable

CWL checkweighers from Bizerba are all approved and verifiable for trade by the National Measuring Institute. Approval means you can offer assurance to your suppliers and customers that you are supplying accurate information from machines that haven't been tampered with.

Quality design for longevity

Made from either stainless steel or aluminium and including the latest technology, the team behind the CWL range have designed a machine that is not only reliable when you first install it, but a machine that can withstand many different environments and run for years without losing its accuracy and reliability.

Product data storage

With the CWLs software capabilities, you can store weight, volume and other product information on your machine and recall it when necessary. Combine this with the machines ability to link with barcode scanners, to check that the right barcode and weight information is on the right product, you can now easily track and trace your current and historical product information as the checkweigher is in use.

Simple to maintain

Designed with worker ease of use in mind, the CWL is an easy and straightforward machine to look after. Belt changeovers can be done in under a minute so you don't experience long periods of down time and can keep running and producing for longer.

code   check   capture   care 24x7

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Technical Specifications
Matthews CWL Checkweigher

General	
Operation mode	In-motion
Weighing range	15kg - 60kg
Min. calibration value	e=±5g/±10g
Sensor technology	ED 60 Hybrid
Min. display value	10 times the calibration value
Interface	RS 232, RS 422, Profibus DP, Ethernet, Service-USB

Conveyors	
Conveyor speed	Standard up to 2 m/s (can be calibrated)
Belt dimensions	Lengths (mm): 1600 - 3000. Width (mm): 400 - 1200
Conveyor height	400mm - 900mm
Roller diameter	52 and 82mm

Protection Class
IP 54/ IP65

Ambient Temperature
5°C - 40°C

Options
Control cabinet
PLC
Customer-specific modifications

Electrical accessories
Large digit display
CWL Eco display
3 Colour tower light
External Inputs/Outputs
Power supply 23OV 50HZ 1PM

Application	
Chaotic product sequence under tough environmental conditions	- Integration in shipment and sorting systems - Integration in forwarding production lines - Sorting applications - Weight recording with integrated volume measurement - Product detection with barcode reader
Non-chaotic products	- Filling level and piece weight control - Quality and completeness checks

Front View

700-800
820

Side View

636

Top View

600
760
940
1200

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