



CW 800 SERIES AUTOMATIC CHECKWEIGHERS

Automatic equipment to check that a product's weight is within a defined range, up to 15 kg.



INFORMATION



**DYNAMIC OR
STATIC
WEIGHING**



**REJECTION
OPTIONAL**



**UP TO
4 OUTPUTS**



**UNLIMITED
PLUs MEMORY**

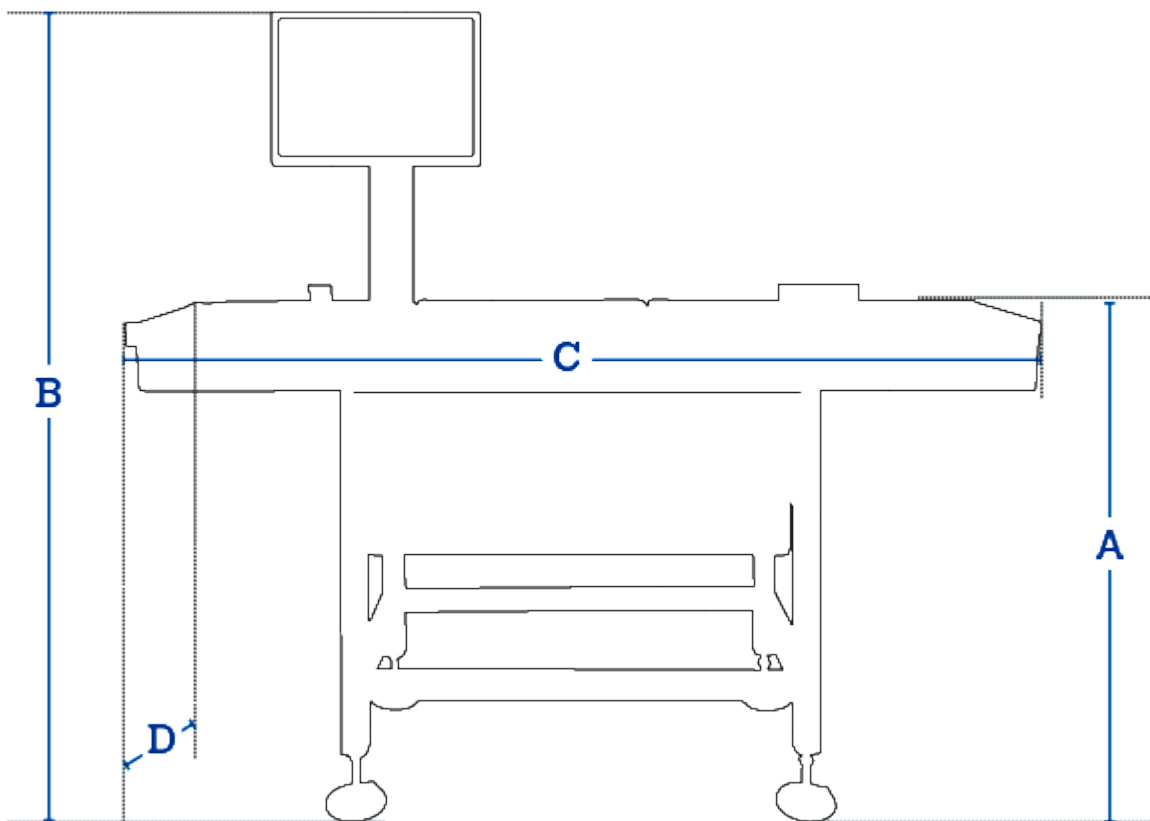


**15" COLOUR
TOUCH SCREEN**



USB

Dibal CW 800 up to 15 kg automatic checkweigher, with optional rejection system, checks the correct weight of products without stopping the production line. If the weight is above or below the set range the equipment automatically rejects the product.



Data in mm

A	850 - 950 (adjustable legs)
B	1,465 - 1,565 (adjustable legs)
C	1,530 (with L400-L400-L600 conveyors)*
D	650 (conveyors width + console width. For W280 conveyors)**

* These measurements correspond to the sum of the infeed and weighing conveyors and the optional conveyor for the rejection system with 1 pneumatic piston. For other sizes, contact us.

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OUTSTANDING FUNCTIONS

- **Discrimination by weight checking (by margin of absolute weight or by percentage on objective weight) or by metal.**
- **Orders management.**
- **Transport mode.**
- **24 Input / Output PLC.**

WEIGHING

- **Type of weighing:**
 - Dynamic or static.
- **Ranges depending on the dimensions of the weighing conveyor:**
 - 6 kg / 2 g or 10 kg / 5 g with conveyor of up to L400 x W280 mm.
 - 15 kg / 5 g with conveyor of up to L600 x W280 mm.

REJECTION SYSTEM (OPTIONAL)*

- **Grading system type:**
 - Air nozzle.
 - Pneumatic piston.
 - Rotating blade.
- **Number of rejectors:**
 - Up to 3 (minimum weight, maximum weight, metal detection).
- **Position of the rejectors:**
 - They can be located on the same side or opposite sides.

* All the rejection systems (pneumatic piston, air nozzles, etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.

CONSTRUCTION

- **Structure:**
 - Anodized aluminium.
- **Belts:**
 - Polyurethane, rigid and with FDA approval.

- **Console:**
 - Material: stainless steel.
 - 15" TFT touch screen.

COMMUNICATION TO PC

- **1 USB port:** for data sending between the equipment and the PC and dumping of orders.

INTEGRATED PC SOFTWARE

- **Telecharge.**
- **Weighing management.**
- **Management of articles, orders and customers.**
- **Optional software: DRC** (remote console application for manage the equipment at a distance).

POWER SUPPLY & COMPRESSED AIR

- **Electrical:** 230 V / 50 Hz; 115 V / 60 Hz.
- **Air:** max. 150 l/min (at 5-8 bar) (if rejection system is included).

POSSIBLE INTEGRATION WITH OTHER EQUIPMENT

- **Aligner.**
- **Misaligner.**
- **90° deflector.**
- **Dibal MD-5000 metal detectors.**

MODELS

CW 820/400 (NO REJECTORS)

- 1 infeed and 1 weighing L400 x W280 mm conveyor.
- For products of up to L300 x W280 mm and up to 2 kg (in dynamic weighing). Up to L350 x W280 mm in static weighing.
- Without rejection system (check for options).
- **Performance*:** 100 packages/minute (with products of up to L150 mm and 2 kg).

** Maximum performance will depend on the size, weight and morphology of the product, as well as on the regularity of the infeed of the products and the rejection system installed.*

CW 820/600 (NO REJECTORS)

- 1 infeed and 1 weighing L600 x W280 mm conveyor.

- For products of up to L300 x W280 mm and up to 2 kg (in dynamic weighing). Up to L550 x W280 mm in static weighing.
- Without rejection system (check for options).
- **Performance***: 80 packages/minute (with products of up to L200 mm and 2 kg).

* Maximum performance will depend on the size, weight and morphology of the product, as well as on the regularity of the infeed of the products and the rejection system installed.

OPTIONS

OPTION	CHARACTERISTICS	REF.
Rejection by pneumatic piston	All the rejection systems (pneumatic piston, air nozzle, etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.	Contact us
Rejection by rotating blade	All the rejection systems (pneumatic piston, air nozzle, etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.	Consult us
Rejection by air nozzles	All the rejection systems (pneumatic piston, air nozzle, etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.	Consult us
L400 x W280 mm separation conveyor	For model CW 820/400.	Consult us
L600 x W280 mm separation conveyor	For model CW 820/600.	Consult us
Split belt	For transparent packs or irregular shape/cylindrical products.	Consult us
Detector at 45°	For transparent packs or irregular shape products. Infeed conveyor with split belt necessary.	Consult us
Container for rejects	Consult us.	Consult us
Right to left operation	Standard operation: from left to right.	Consult us

OPTION	CHARACTERISTICS	REF.
DRC software	Remote console application for manage the equipment at a distance from PC, tablet or smartphone.	7340AN03
Wi-Fi	Wireless comunicacions.	Consult us
Packed in phytosanitary wood case	Necessary depending on destination.	Consult us

ACCESSORIES



MOTORISED CONVEYOR

Infeed/output L1,000 x W280 mm conveyor, with smooth belt.



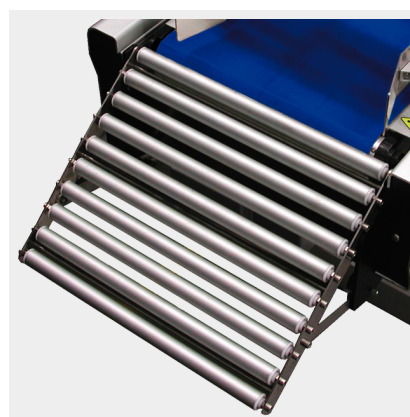
DIBAL VISION ARTIFICIAL VISION CAMARA

Contact us about applications.



BARCODE READERS

Contact us about applications.



ROLLERS CONVEYOR

Rollers conveyor for transporting or accumulating products.

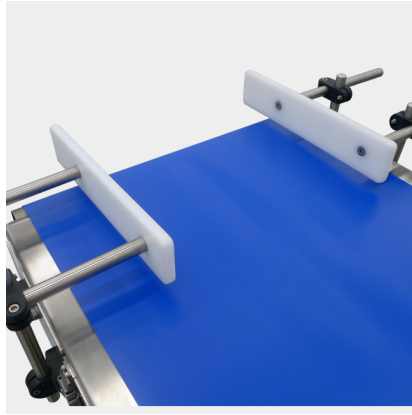


EXIT RAMP FOR REJECTED PRODUCTS

Ramp for the rejection system.

ROTATING TABLE

To collect wrapped and/or labelled products.



PRODUCT GUIDING SYSTEM IN INFEED CONVEYOR (STANDARD)

For special guides, contact us.

W280 MM EXIT RAMP

Non-motorised PVC rollers.



PRODUCT TURNING DEVICE

To change the position or orientation of the products.



POLYCARBONATE PROTECTOR FOR WEIGHING CONVEYOR

To avoid external disturbances during the weighing process. Available for both models.



LEGS + WHEELS

Stud included.



24V VISUAL AND AUDIBLE ALARM



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