



AUTOMATIC CHECKWEIGHERS CW-3000 SERIES

Automatic equipment to check that a product's weight is within a defined range.



INFORMATION



**DYNAMIC OR
STATIC
WEIGHING**



**REJECTION
OPTIONAL**



**UP TO
3 OUTPUTS**



**8,000 PLUs
MEMORY**

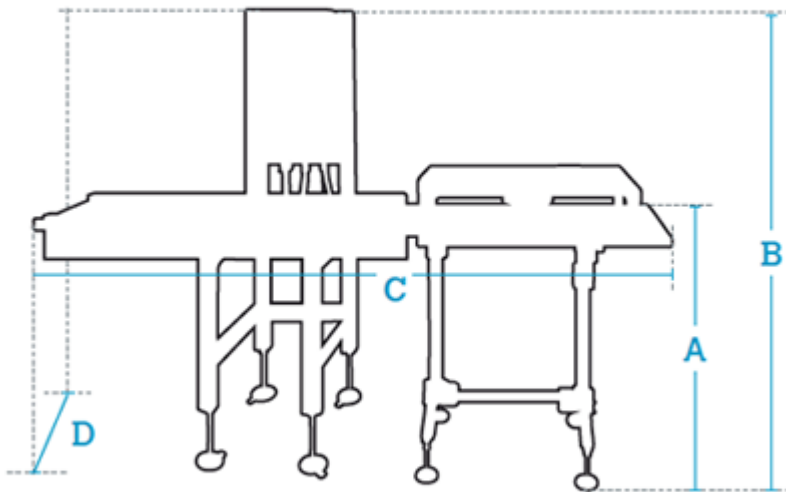


ETHERNET



**METROLOGICAL
VERIFICATION
OPTIONAL (EU)**

Dibal CW-3000 automatic checkweigher, with optional rejection system, checks the correct weight of products. The equipment automatically rejects the product when its weight is above or below the set, without stopping the production line.



Data in mm

A	800 - 970 (adjustable legs)
B	1,580 - 1,730 (adjustable legs)
C	1,570 (with L400-L400-L600 conveyors)*
D	630 (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 pneumatic piston.

** For other sizes, contact us.

OUTSTANDING FUNCTIONS

- **Discrimination by weight checking.**
- **Orders management.**

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 W400 mm.
 - 15 kg / 5 g, 20 kg / 10 g, 30 kg / 10 g, 40 kg / 20 g or 60 kg / 20 g with conveyor of up to L600 x W500 mm.
 - 3 kg / 1 g or others, contact us.

REJECTION SYSTEM (OPTIONAL)*

- **Rejection system type:**
 - “Air-jet®”.
 - Pneumatic piston.
 - Rotating blade.
 - Folding conveyor.
- **Number of rejectors:**
 - 1 or 2.
- **Position of the 2 rejectors:**
 - They can be located on the same side or opposite sides.

** All the rejection systems (pneumatic piston, “Air-jet®”, etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.*

CONSTRUCTION

- **Structure**
 - AISI 304 stainless steel and anodized aluminium.
- **Belts:**
 - Material and characteristics: Rigid, polyurethane coating. With FDA approval.
- **Console:**
 - Material: stainless steel.
 - “Qwerty” keypad and graphic backlit LCD display.

COMMUNICATION TO PC

- **Ethernet TCP/IP.**
- **RS-232.**

PC SOFTWARE

- **RMS:** For equipment configuration, production data management and back up (LBS).
- **DCS:** For production data management.
- **Integration tools:** See section on software.

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

- **Dibal LS-3000 automatic weigh-price labeller.**
- **Aligner.**
- **Misaligner.**
- **90° deflector.**

CUSTOM SOLUTIONS

At Dibal, we have professionals who work closely with our clients to design, develop and produce **customised solutions** in accordance with their specific needs. **Consult us!**

MODELS

CW-3200 (NO REJECTORS)

- 1 infeed and 1 weighing L400 x W280 mm conveyor.
- For products of up to L320 x W280 mm and up to 10 kg (in dynamic weighing). Up to L200 x W280 mm in static weighing.
- Without rejection system (check for options).
- **Performance*:** 90 packages/minute (with products of up to L200 mm and 2 kg). In MID conditions (M).

** 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, the rejection system installed and MID conditions (M).*

OPTIONS

OPTION	CHARACTERISTICS	REF.
Rejection by 1 pneumatic piston (for model CW-3200)	<p>1 rejection L600 x W280 mm conveyor with 1 pneumatic piston.*</p> <p>For products of up to L200 x W280 mm and up to 10 kg (in dynamic weighing).</p> <p>Performance**: 90 packages/minute (with products of up to L200 mm and 2 kg). In MID conditions (M).</p> <p><i>* All the rejection systems (pneumatic piston, "Air-jet®", etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.</i></p> <p><i>** 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, the rejection system installed and MID conditions (M).</i></p>	Contact us
Rejection by 2 pneumatic pistons (for model CW-3200)	<p>1 rejection L1,000 x W280 mm conveyor with 1 pneumatic piston.*</p> <p>For products of up to L200 x W280 mm and up to 10 kg (in dynamic weighing).</p> <p>Performance**: 90 packages/minute (with products of up to L200 mm and 2 kg). In MID conditions (M).</p> <p><i>* All the rejection systems (pneumatic piston, "Air-jet®", etc.) depend on the type of product/packaging, required speed, collection system, etc.; please always check with Dibal.</i></p> <p><i>** 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, the rejection system installed and MID conditions (M).</i></p>	Contact us
Other rejection systems (by "Air-jet®", rotating blade or folding conveyor)	<p>Depending on the type of product/packaging, required speed, collection system, etc., a rejection system other than the piston type may be required.</p>	Contact us
L600 x W280 mm conveyor (to replace L400 mm conveyor)		Contact us

OPTION	CHARACTERISTICS	REF.
L800 x W280 mm conveyor (to replace L400 mm conveyor)		Contact us
L1,000 x W280 mm conveyor (to replace L400 mm conveyor)		Contact us
L400 x W400 mm conveyor (to replace W280 mm conveyor)		Contact us
L600 x W400 mm conveyor (to replace L400 mm conveyor)		Contact us
Split belt	For transparent packs or irregular shape/cylindrical products.	Contact us
Detector at 45°	For transparent packs or irregular shape products. Infeed conveyor with split belt necessary.	Contact us
Container for rejects	Consult us.	Contact us
Right to left operation	standard operation: from left to right.	Contact us
DIS software	Equipment configuration and production data management. (See section on software).	Contact us
RMS Software	Equipment configuration, production data management and back up (LBS). (See section on software).	7340R1U3 / 7340RNU3
DCS Software	Production data management. (See section on software).	7340COU3 / 7340CNU3
Wi-Fi	Wireless communications.	Contact us

OPTION**CHARACTERISTICS****REF.****Packed in phytosanitary wood case**

Necessary depending on the destination.

PEEC080F

Metrological verification (M)

According to EU weighing directives (MID).

Contact us

ACCESSORIES**MOTORISED CONVEYOR**

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

**W280 EXIT RAMP**

Non-motorised PVC roller for W280 mm conveyor.

**W400 EXIT RAMP**

Non-motorised PVC rollers for W400 mm conveyor.

**RAMP FOR REJECTED PRODUCTS**

Ramp for rejection system.

**PRODUCT GUIDING SYSTEM IN INFEED CONVEYOR (STANDARD)**

For special guiders, contact us.

**BARCODE READERS**

Contact us about applications.



ROLLERS CONVEYOR

Rollers conveyor for transporting or accumulating products.



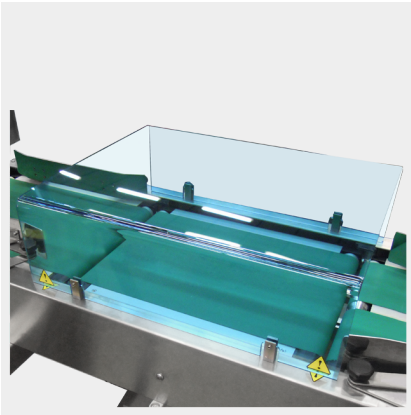
ROTATING TABLE

To collect wrapped and/ or labelled products.



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.



4 WHEELS WITH BRAKES

stud included.



24V VISUAL AND AUDIBLE ALARM



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