CW-5000

WEIGHING
DYNAMIC OR STATIC

REJECTION
OPTIONAL

UP TO 3 OUTPUTS
(2 FOR WEIGHT RANGES + 1 OFF LIMITS)
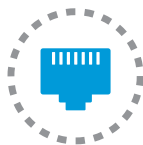
PCAP TOUCH SCREEN

128 GB **SSD**

PLUS, FORMATS, CUSTOMERS AND TRAZABILITY UNLIMITS

ETHERNET

RS-232

USB

METROLOGICAL VERIFICATION
OPTIONAL (EU)

Outstanding functions

- High performance weighing: up to 172 ppm in approved equipment, and up to 250 ppm in non-approved equipment.
- Discrimination by weight checking.
- Productivity control.
- Effective filling control "e" (optional). Included in the following legislation:
  · Spain: Royal Decree 1801/2008, of November 3.
  · Europe: Directive 76/211/EEC.
- Certified according to 2014/32/UE MID Directive: approved equipment.
- Modular design.
- Ranges from 1.5 kg/ 0.5 g to 15 kg/ 5 g.
- Stainless steel electric drawer.

Weighing

- Weighing type:
  · Dynamic or static.
- Ranges depending on the dimension of the weighing conveyor:
  · 1.5 kg / 0.5 g with conveyor of up to L300 x W200 mm.
  · 3 kg / 1 g with conveyor of up to L300 x W200 mm.
  · 6 kg / 2 g with conveyors of up to L400 x W280 mm, L400 x W400 mm and L600 x W280 mm.
  · 15 kg / 5 g with conveyors of up to L600 x W400 mm, L800 x W280 mm and L800 x W400 mm.

Rejection system (optional)*

- Rejection system type:
  · "Air-jet ®" air blowing.*
  · Pneumatic piston.*
  · Accompanying blade.*
  · Pusher blade.*
- Number of rejectors and function:
  · 1 rejector: weight out of range.
  · 2 rejectors: weight above and weight below range.
  · Rejector for unprocessed product.
  · Rejector for product with metal (necessary connection with metal detector).

Construction

- Structure:
  · AISI 304L stainless steel and anodized aluminium.
- Belts (all of them with FDA approval):
  · Standard.
  · High speed: super adherent.
  · Sliders: for expulsion areas.
- Guides:
  · AISI 304L stainless steel, anodized aluminum and cestilene.
- TFT 10,1'' capacitive touch screen (optional TFT 15'').
- Vertical electric drawer with TFT integrated.

Communications to PC

- Ethernet TCP/IP.
- RS-232.
- 4 USB (3.0)

PC software

- Direct connection to equipment from any device with access to the same same network as the CW-5000 via the Google Chrome browser.
- Programming.
- Data export to Excel or CSV.
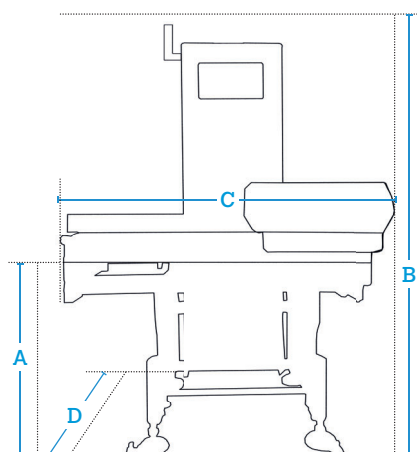
Power supply & compressed air

- Electrical: 230 V / 50 Hz.
- Air: max. 150 l/min (at 6-8 bar) (in case of incorporating rejection system).

Possible integration with other equipment

- Dibal 5000 series.

* 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.

DIMENSIONS

DATA IN mm

A	750 - 1,050 (adjustable height, minimum height 400 mm +/- 50)
B	1,975 - 2,075 (adjustable height)
C	970 (with L300-L600 conveyors)
D	850 (for W200 conveyors)

Models

CW-5000
600/300x200
0 Rejectors

- 1 infeed L600 x W200 mm conveyor and 1 weighing L300 x W200 mm conveyor, with high speed belt.
- For products of up to L200 x W200 mm, and up to 3 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 172 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 250 packages/minute without approval.

(M) Optional

CW-5000
400/400x280
0 Rejectors

- 1 infeed and 1 weighing L400 x W280 mm conveyor, with high speed belt.
- For products of up to L350 x W280 mm, and up to 15 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 162 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 250 packages/minute without approval.

(M) Optional

CW-5000
600/600x280
0 Rejectors

- 1 infeed and 1 weighing L600 x W280 mm conveyor, with high speed belt.
- For products of up to L550 x W280 mm, and up to 15 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 130 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 180 packages/minute without approval.

(M) Optional

CW-5000
600/600x400
0 Rejectors

- 1 infeed and 1 weighing L600 x W400 mm conveyor, with high speed belt.
- For products of up to L550 x W280 mm, and up to 15 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 130 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 180 packages/minute without approval.

(M) Optional

CW-5000
800/800x280
0 Rejectors

- 1 infeed and 1 weighing L800 x W280 mm conveyor, with high speed belt.
- For products of up to L750 x W280 mm, and up to 15 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 100 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 170 packages/minute without approval.

(M) Optional

CW-5000
800/800x400
0 Rejectors

- 1 infeed and 1 weighing L800 x W400 mm conveyor, with high speed belt.
- For products of up to L750 x W400 mm, and up to 15 kg.
- Without rejection system (check for options).
- Horizontal detector.
- Performance*: 100 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  Up to 170 packages/minute without approval.

(M) Optional

* 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

> Detector on arch (horizontal + vertical)

| Option	Characteristics	Ref.
15'' TFT display	Resistive with stainless steel casing (on electrical cabinet).	Contact us
15'' TFT display	Resistive with stainless steel casing (column-mounted).	Contact us
Independent frame module for rejection conveyors		Contact us
Additional frame module to the main frame	Frame extension required if the length of the equipment + sequencing conveyor and/or reject conveyor is more than 1,500 mm.	Contact us
Additional L300 X W200 mm sequencing conveyor*	Frame extension not included.	Contact us
Additional L400 X W280 mm sequencing conveyor*	Frame extension not included.	Contact us
Additional L600 X W280 mm sequencing/rejection conveyor*	Frame extension not included.	Contact us
Additional L600 X W400 mm sequencing/rejection conveyor*	Frame extension not included.	Contact us
Additional L800 X W280 mm sequencing/rejection conveyor*	Frame extension not included.	Contact us
Additional L800 X W400 mm sequencing/rejection conveyor*	Frame extension not included.	Contact us
Additional L1000 X W200 mm rejection conveyor*	Frame extension not included.	Contact us
Additional L1200 X W280 mm rejection conveyor*	Frame extension not included.	Contact us
Air rejection system	Valid rejection system depending on the characteristics of the product to be rejected.	Contact us
Pusher piston rejection system	Valid rejection system depending on the characteristics of the product to be rejected.	Contact us
Paddle rejection system	Valid rejection system depending on the characteristics of the product to be rejected.	Contact us
Horizontal barrier detector	Replaces the horizontal detector.	Contact us
Detector on arch (horizontal + vertical)	Replaces the horizontal detector. For products with low height (e.g. envelopes).	Contact us
Effective filling control software (e)	Software for the statistical control and weight registration of the entire production line.	Contact us
Standard packaging		Contact us
Wooden cage packaging	Essential depending on the destination.	Contact us
Cage packaging (maritime)	Essential depending on the destination.	Contact us
Metrological verification (M)	According to EU weighing directives (MID).	Contact us
Calibration		Contact us

* It is necessary to include the option separate frame module or additional frame module to the main frame whenever the length of the equipment is more than 1,500 mm.

Accessories
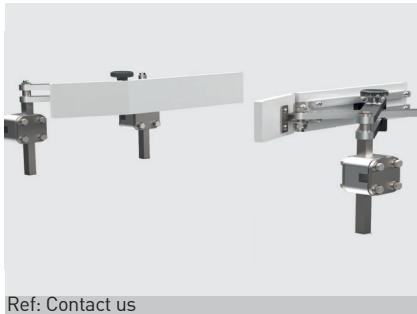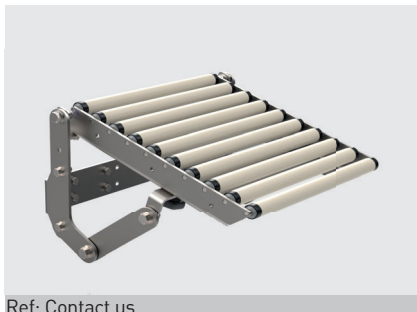

Ref: Contact us

Cestilene guides
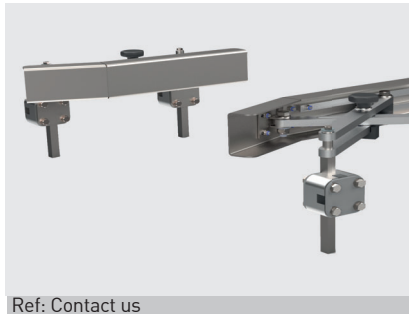
Ref: Contact us

Stainless steal guides
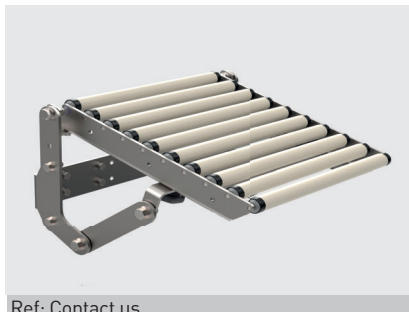

Ref: Contact us

W200 mm exit ramp

Not-motorised PVC rollers.

Ref: Contact us

W280 mm exit ramp

Not-motorised PVC rollers.

Ref: Contact us

W400 mm exit ramp

Not-motorised PVC rollers.

Ref: Contact us

W400 mm rejection ramp

Not-motorised PVC rollers.

Ref: Contact us

W600 mm rejection ramp

Not-motorised PVC rollers.

Ref: Contact us

W400 mm rejection ramp

Stainless steel.

Ref: Contact us

W600 mm rejection ramp

Stainless steel.

Ref: Contact us

Visual and audible alarm

Ref: PE52144

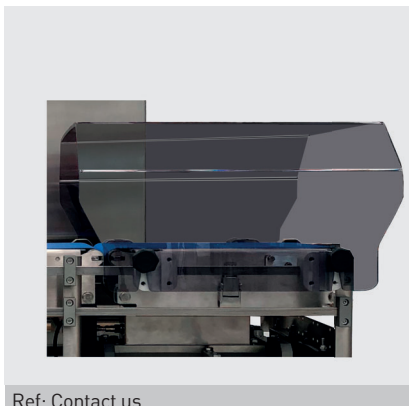**Protective cleaning cover for electrical cabinet**

Ref: PE51536

Protective cleaning cover for 15" TFT screen on column
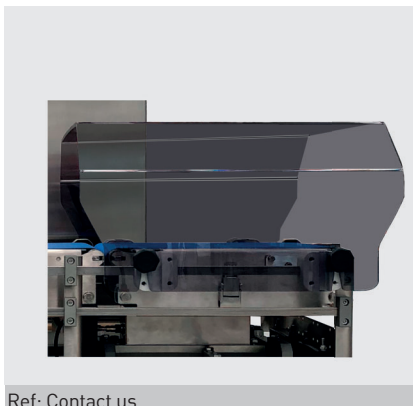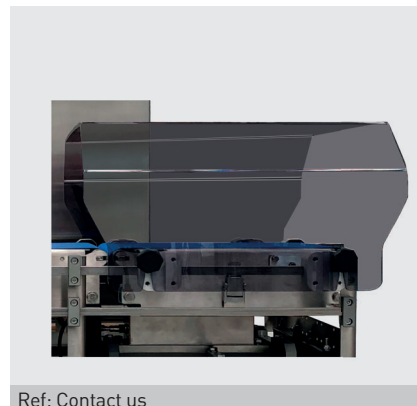
Ref: Contact us

Polycarbonate protector for L300 X W200 mm weighing conveyor
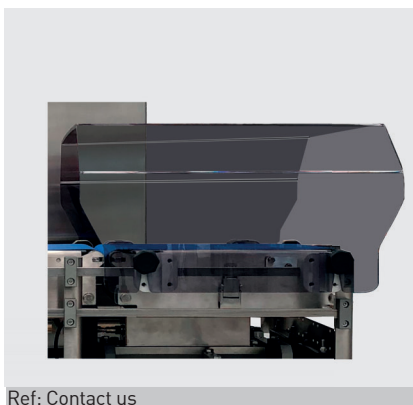Required for range 1.5 kg/ 0.5 g.

Ref: Contact us

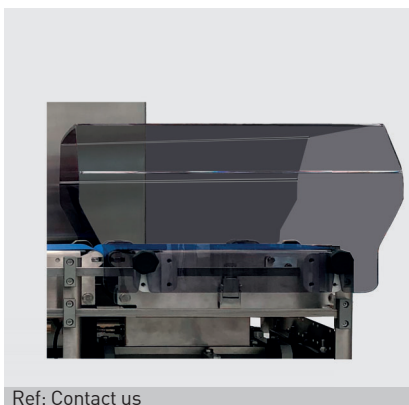**Polycarbonate protector for L400 X W280 mm weighing conveyor**

Ref: Contact us

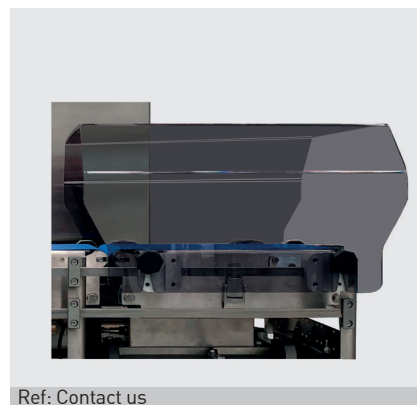**Polycarbonate protector for L600 X W280 mm weighing conveyor**

Ref: Contact us

Polycarbonate protector for L800 X W280 mm weighing conveyor

Ref: Contact us

Polycarbonate protector for L600 X W400 mm weighing conveyor

Ref: Contact us

Polycarbonate protector for L800 X W400 mm weighing conveyor

Ref: Contact us

W350 mm container for rejection
Includes stainless steel ramp and key access.

Ref: Contact us

W500 mm container for rejection
Includes stainless steel ramp and key access.

Ref: Contact us

W600 mm container for rejection
Includes stainless steel ramp and key access.