CW-4500

Optional rejection system

WEIGHING
DYNAMIC OR STATIC

REJECTION
OPTIONAL

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

8,000 PLUs
IN MEMORY

TOUCH SCREEN CONSOLE
OPTIONAL

ETHERNET

M

METROLOGICAL VERIFICATION
OPTIONAL (EU)

Outstanding functions

- High speed weighing: up to 162 ppm in approved equipment, and up to 250 ppm in non-approved equipment.
- Discrimination by weight checking.
- Orders management.
- MID certification: approved equipment.

Pesaje

- Weighing type:
  · Dynamic or static.
- Ranges depending on the dimension of the weighing conveyor:
  · 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.
- Position of the 2 rejectors:
  · They can be located on the same side or opposite sides.

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.
- Console:
  · Material: AISI 304L stainless steel.
  · "Qwerty" keypad and graphic backlit LCD display.
  · 15" TFT touch screen, optional.

Communications to PC

- Ethernet TCP/IP.
- RS-232.

PC software

- DIS: for equipment configuration, production data management and back up (LBS).
- DeS: for statistical control of weight in packaged products ("e" sign) and generation of reports of the data received.
- Integration tools (see section on software).
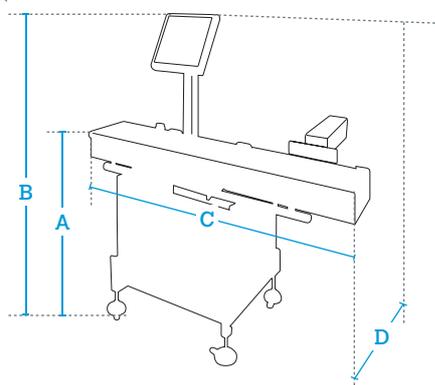
Power supply & compressed air

- Electrical: 230 V / 50 Hz; 115 V / 60 Hz.
- Air: max. 150 l/min (at 5-8 bar) (in case of incorporating rejection system).

Possible integration with other equipment

- Dibal LS-4500 and CLS-4500 automatic weigh-price labellers.

* 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	850 - 950 (adjustable height)
B	1,350 - 1,500 (adjustable height)
C	1,525 (with L400-L400-L600 conveyors)*
D	850 (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.
** For other sizes, contact us.

![DIBAL]

Models

CW-4500
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).

  250 packages/minute without approval.

Ⓜ Optional

CW-4500
400/400x400
0 Rejectors

- 1 infeed and 1 weighing L400 x W400 mm conveyor, with high speed belt.
- For products of up to L350 x W400 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).

  200 packages/minute without approval.

Ⓜ Optional

CW-4500
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*: 162 packages/minute (with products of up to L120 mm and 0.5 kg). In MID conditions (M).

  200 packages/minute without approval.

Ⓜ Optional

CW-4500
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).

  170 packages/minute without approval.

Ⓜ Optional

CW-4500
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).

  170 packages/minute without approval.

Ⓜ Optional

CW-4500
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).

  200 packages/minute without approval.

Ⓜ Optional

CW-4500
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).

  200 packages/minute without approval.

Ⓜ 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

> Touch screen console

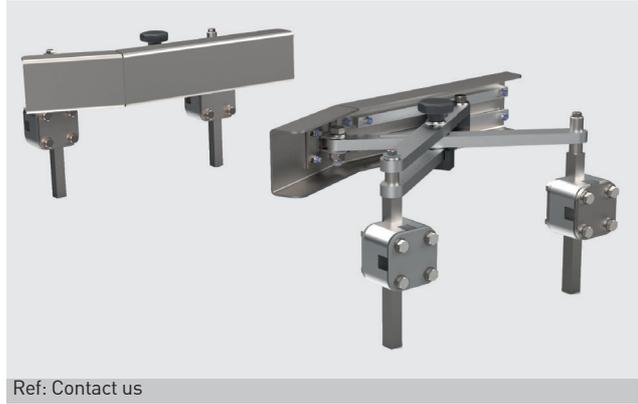> Detector on arch (horizontal + vertical)

Option	Characteristics	Ref.
L300 x W200 mm sequencing conveyor	Includes frame extension.	Contact us
L400 X W280 mm sequencing conveyor	Includes frame extension.	Contact us
L400 X W400 mm sequencing conveyor	Includes frame extension.	Contact us
L600 X W280 mm sequencing conveyor	Includes frame extension.	Contact us
L600 X W400 mm sequencing conveyor	Includes frame extension.	Contact us
L800 X W280 mm sequencing conveyor	Includes frame extension.	Contact us
L800 X W400 mm sequencing conveyor	Includes frame extension.	Contact us
Touch screen console	15" TFT.	Contact us
Horizontal barrier detector	To replace the horizontal detector.	Contact us
Detector on arch (horizontal + vertical)	To replace the horizontal detector. For short products (e.g.: envelops).	Contact us
IP65 equivalent protection kit	Protected engines.	Contact us
DIS software	Equipment configuration, received data management and backup (LBS). (See software section).	7340ENW3
DeS software	For statistical weight control ("e" sign). (See software section).	7340BN03
Standard packaging		Contact us
Cage packaging	Necessary depending on the destination.	Contact us
Metrological verification (M)	According to EU weighing directives (MID).	Contact us

Accessories

Ref: Contact us

Cestilene product guides

Ref: Contact us

Stainless steal product guides

Ref: Contact us

W200 mm exit ramp

Non-motorized PVC rollers for W200 mm conveyors.

Ref: Contact us

W280 mm exit ramp

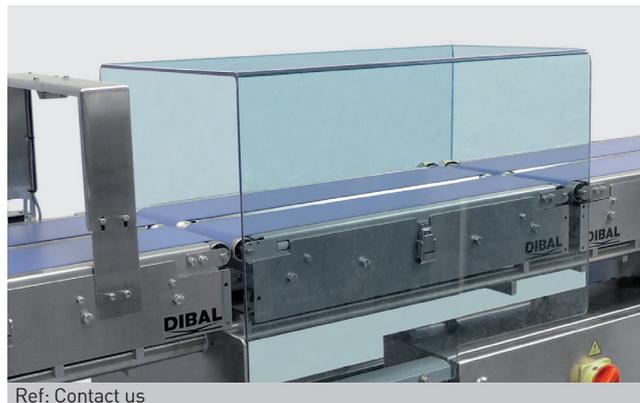Non-motorized PVC rollers for W280 mm conveyors.

Ref: Contact us

W400 mm exit ramp

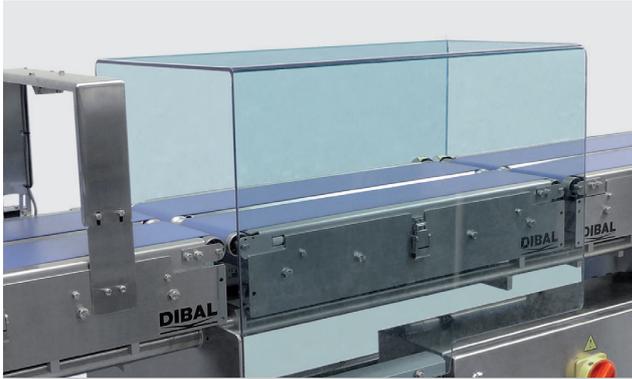Non-motorized PVC rollers for W400 mm conveyors.

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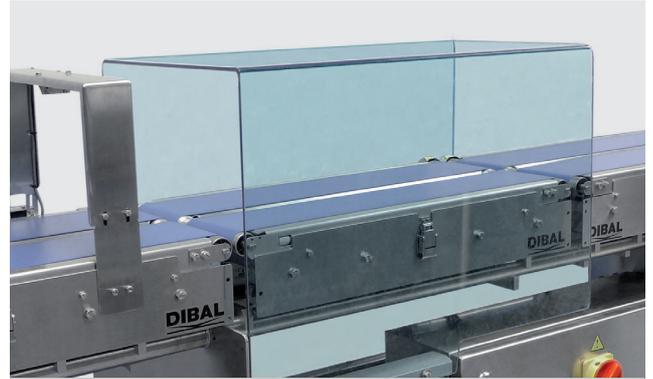
Visual and audible alarm (24V)
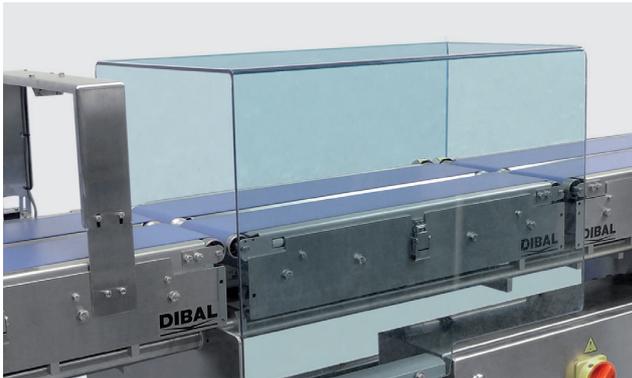
Ref: Contact us

Polycarbonate protector for L300 x W200 mm weighing conveyor

Ref: Contact us

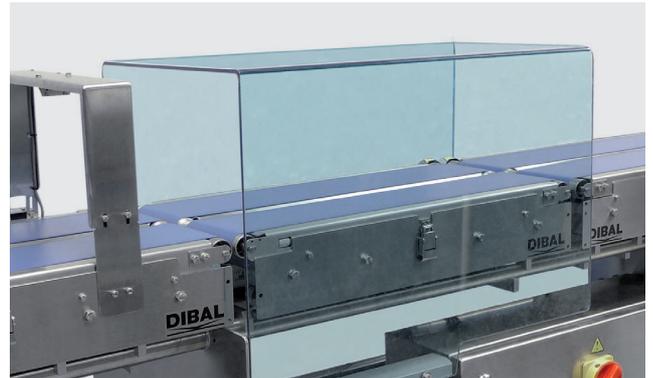**Polycarbonate protector for L400 x W280 mm weighing conveyor**

Ref: Contact us

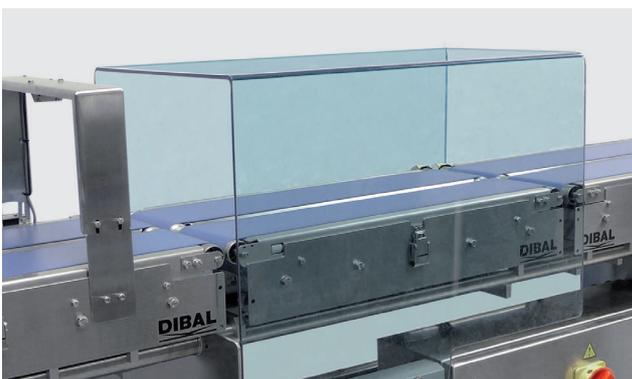**Polycarbonate protector for L600 x W280 mm weighing conveyor**

Ref: Contact us

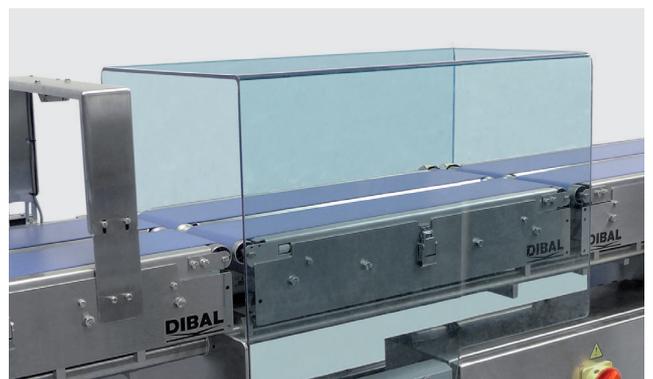**Polycarbonate protector for L800 x W280 mm weighing conveyor**

Ref: Contact us

Polycarbonate protector for L400 x W400 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