# CW5000



**WEIGHING**
DYNAMIC OR
STATIC

**REJECTOR**
OPTIONAL

**UP TO 10 OUTPUTS**

**TOUCH SCREEN
PCAP**

128 GB **SSD**

UNLIMITED
**PLUS, FORMATS,
CLIENTS AND
TRACEABILITY**

**ETHERNET**

**RS-232**

**USB**

**M**
**METROLOGICAL
VERIFICATION**
OPTIONAL (EU)

## Outstanding functions

• High performance weighing:
  > Products up to 60 mm length: up to 200 ppm.
  > Products up to 100 mm length: up to 180 ppm.
  > Products up to 200 mm length: up to 110 ppm.
• Discrimination by checkweighing.
• Productivity control.
• Statistical quality control"e" (optional).
  > Spain: Royal Decree 1801 / 2008, of November 3.
  > Europe: Directive 76 / 211 / EEC.
• Certified according to MID directive 2014 / 32 / EU: approved equipment.
• Modular design.
• Weighing ranges from 1.5 kg / 0.5 g up to 15 kg / 5 g.
• IP65 stainless steel electrical drawer.

## Weighing

• Type of weighing:
  > Dynamic or static (automatic).
• Weighing ranges according to the dimensions of the weighing conveyor:
  > 1.5 kg / 0.5 g with conveyors L300 x W200 mm.
  > 3 kg / 1 g with conveyors of L300 x W200 mm, L400 x W280 mm and L600 x W280 mm.
  > 6 kg / 2 g with conveyors L400 x W280 mm, L600 x W280 mm, L600 x W400 mm, L800 x W280 mm.
  > 15 kg / 5 g with slides of L400 x W280 mm, L600 x W280 mm, L600 x W280 mm, L600 x W400 mm, L800 x W280 mm and L800 x W400 mm.
  > Other ranges: consult us.

## Rejection system (optional)*

• Type of rejection system:
  > Air blowing "Air-jet "*.
  > Pneumatic piston at 90º*.
  > Accompanying shovel*.
  > Pusher paddle*.
• Number of rejectors: up to 10 outlets.

## Construction

• Structure:
  > AISI 304L stainless steel and anodized aluminium.
• Bands (all FDA approved):
  > Standard.
  > High speed: super adherent.
  > Slippery: for rejection areas.
• Guides:
  > AISI 304L stainless steel, anodized aluminium and cestilene.
• TFT 10.1'' capacitive touch screen (optional TFT 15").
• Vertical electrical cabinet with integrated TFT.

## Communications to PC

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

## PC software

• Communications and equipment management from any PC on the network (web server integrated in the equipment without the need to install any extra application). Access to the equipment from any web browser and therefore from any platform (Windows, Android...).
• Programming.
• Data exchange systems:
  > Dibal API: based on webservices for CW5000 data loading / reading and operation.
  > Sending of information in real time: sending of weights from the CW5000.
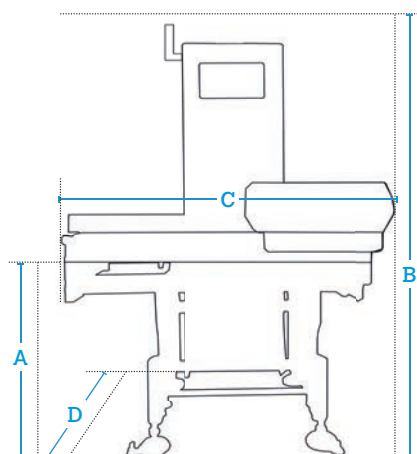  > File exchange with upload / download of information.

## Supply

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

## Possibility of integration with other equipment

• Dibal 5000 Series equipment.

* All rejection systems (pneumatic piston, air blowing, etc.) depend on the type of product / packaging, required speed, collection system, etc.; therefore they should always be consulted with Dibal.

## DIMENSIONS



DATA IN mm

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

**DIBAL**

# Models

## CW5000
### 600/300 x 200
0 REJECTORS

- 1 infeed conveyor L600 x W200 mm and 1 weighing conveyor L300 x W200 mm.
- For products up to L200 x W200 mm, weighing up to 3 kg.
- Without rejection system (see options).
- Horizontal detector.

(M) optional

## CW5000
### 400/400 x 280
0 REJECTORS

- 1 infeed conveyor and 1 weighing conveyor L400 x W280 mm.
- For products up to L350 x W280 mm, weighing up to 15 kg.
- Without rejection system (see options).
- Horizontal detector.

(M) optional

## CW5000
### 600/600 x 280
0 REJECTORS

- 1 infeed conveyor and 1 weighing conveyor L600 x W280 mm.
- For products up to L550 x W280 mm, weighing up to 15 kg.
- Without rejection system (see options).
- Horizontal detector.

(M) optional

## CW5000
### 600/600 x 400
0 REJECTORS

- 1 infeed conveyor and 1 weighing conveyor L600 x W400 mm.
- For products up to L550 x W400 mm, weighing up to 15 kg.
- Without rejection system (see options).
- Horizontal detector.

(M) optional

## CW5000
### 800/800 x 280
0 REJECTORS

- 1 infeed conveyor and 1 weighing conveyor L800 x W280 mm.
- For products up to L750 x W280 mm, weighing up to 15 kg.
- Without rejection system (see options).
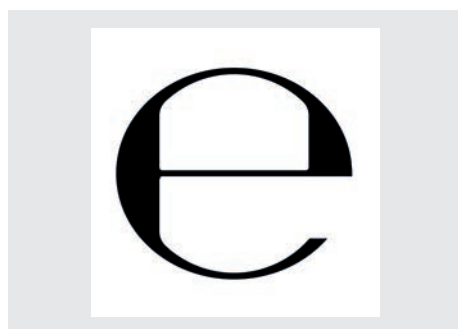- Horizontal detector.

(M) optional

## CW5000
### 800/800 x 400
0 REJECTORS

- 1 infeed conveyor and 1 weighing conveyor of L800 x W400 mm.
- For products up to L750 x W400 mm, weighing up to 15 kg.
- Without rejection system (see options).
- Horizontal detector.

(M) optional

→ Other models and dimensions: consult us.

# Options

> Control for marking ℮ NMI approved

## Statistical Quality Control Software

| Features | Ref. |
|---|---|
| Software for the control and weight registration of the entire production line. | Consult |

| Option | Features | Ref. |
|---|---|---|
| 15'' TFT screen on electrical cabinet | Resistive screen. With stainless steel housing. | Consult |
| 15" TFT display on column | Resistive screen. With stainless steel housing. | Consult |
| Independent rack module for sequencing / rejection conveyors | | Consult |
| Rack add-on module to main frame | Rack extension required when equipment length + sequencing conveyor and / or rejection conveyor is more than 1,500 mm. | Consult |
| Additional sequencing conveyor L300 x W200 mm* | Rack extension not included. | Consult |
| Additional sequencing conveyor L400 x W280 mm** | Rack extension not included. | Consult |
| Additional sequencing / rejection conveyor L600 x W280 mm* | Rack extension not included. | Consult |
| Additional sequencing / rejection conveyor L600 x W400 mm* | Rack extension not included. | Consult |
| Additional sequencing / rejection conveyor L800 x W280 mm* | Rack extension not included. | Consult |
| Additional sequencing / rejection conveyor L800 x W400 mm* | Rack extension not included. | Consult |
| Additional rejection conveyor L1,000 x W200 mm* | Rack extension not included. | Consult |
| Additional rejection conveyor L1,200 x W280 mm* | Rack extension not included. | Consult |
| Air rejection system** | Rejection system valid according to the characteristics of the product to be rejected. | Consult |
| Pusher piston rejection system** | Rejection system valid according to the characteristics of the product to be rejected. Includes polycarbonate protector. | Consult |
| Rejection system by shovel** | Rejection system valid according to the characteristics of the product to be rejected. Includes polycarbonate protector. | Consult |
| Horizontal barrier detector | Replaces the horizontal detector. | Consult |
| Detector on gantry (horizontal + vertical) | Replaces the horizontal detector. For products with low height (e.g.: envelopes). | Consult |
| Database integration API access | Access to database integration API. | 73601043 |
| Standard packaging | | Consult |
| Wooden cage packaging | Essential depending on destination. | Consult |
| Crate packing (sea) | Essential depending on destination. | Consult |
| Metrological verification (M) | Conforms to EU weighing directives (MID). | Consult |
| Metrological verification (M) classes X + Y | Conforms to EU weighing directives (MID). | Consult |
| ENAC calibration | | Consult |

* Option of separate rack module or additional rack module to the main frame is required whenever the equipment length exceeds 1,500 mm.
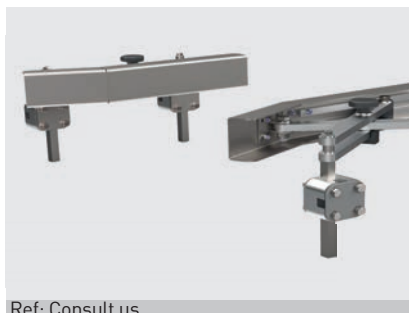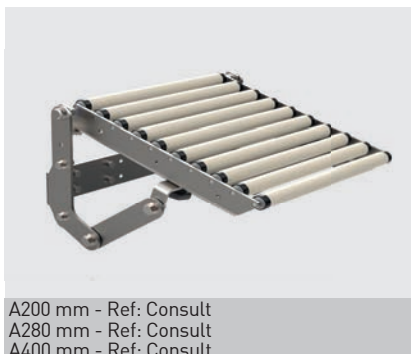
** Requires frame extension and additional conveyor.

# DIBAL

# Accessories



Ref: Consult us

## Cestilene product guides



Ref: Consult us

## Stainless steel product guides



A200 mm - Ref: Consult
A280 mm - Ref: Consult
A400 mm - Ref: Consult

## Exit ramp

Non-motorized PVC rollers for conveyors.



A400 mm - Ref: Consult
W600 mm - Ref: Consult

## Rejection ramp

Non-motorized PVC rollers for conveyors.



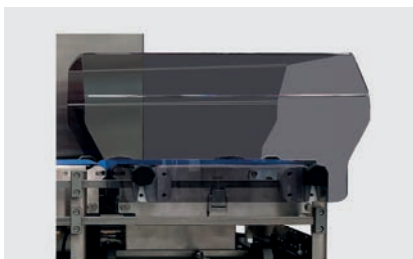A400 mm - Ref: Consult
W600 mm - Ref: Consult

## Rejection ramp

Stainless steel ramp.



A350 mm - Ref: Consult
A500 mm - Ref: Consult
W600 mm - Ref: Consult

## Rejection container

Includes stainless steel ramp and access
with key.

L300 X W200 mm - Ref: Consult
L400 X A280 mm - Ref: Consult
L600 X A280 mm - Ref: Consult
L800 X A280 mm - Ref: Consult
L600 X A400 mm - Ref: Consult
L800 X A400 mm - Ref: Consult

**Polycarbonate protector for
weighing conveyor**

Required for range 1.5 kg / 0.5 g.

Ref: Consult us

**RGB light and sound alarm**

Ref: PE52144

**Protective cleaning cover for control
cabinet**

Ref: PE51536

**Protective cleaning cover for 15''
TFT screen on column**