

WEIGHT
GRADER

GW-3000



Image of GW-3200 with 3 optional rotating blades grading system



WEIGHING
DYNAMIC OR
STATIC



EJECTION
OPTIONAL



**UP TO
9 OUTPUTS**



8,000 PLUs
MEMORY

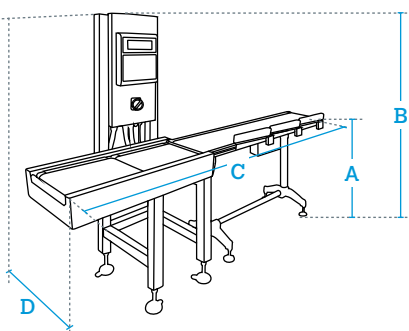


ETHERNET
TCP/IP



**METROLOGICAL
VERIFICATION**
OPTIONAL

DIMENSIONS



DATA IN mm

A	800 - 950 (adjustable legs)
B	1,580 - 1,730 (adjustable legs)
C	2,550 (for L400-L400-L1,600 conveyor)*
D	630 (for W280 conveyors)**

* These measurements correspond to the sum of the infeed, weighing and 3 optional rotating blades grading system conveyors.

Grading system for products of up to L500 x W280 mm and up to 1 kg. For other sizes, contact us.

** For other sizes, contact us.

Specifications:

Outstanding functions

- Weight grading.
- 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.

Grading system (optional)*

- **Grading system type:**
 - "Air-jet®".
 - Pneumatic piston.
 - Rotating blade.
- **Number of ejectors:**
 - From 2 to 8.

Position of the ejectors:

- They can be located on the same side or opposite sides.

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.

Power supply & compressed air

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

Possible integration with other equipment

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

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

MODELS:

GW-3200

No ejectors

- 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 L350 x W280 mm in static weighing.
- Without grading system (check for options).
- Performance**: 90 packages/minute (with products of up to L200 mm and 2 kg). In MID conditions (M).

NON STANDARD

GW-3206

6 ejectors

- 1 weighing L1,200 x W500 mm conveyor and 1 grading L8,130 x W500 mm conveyor.
- For products of up to L1,000 x W200 mm and up to 30 kg (in dynamic weighing).
- Grading system: 6 rotating blades.
- Performance**: 12 packages/minute.

** 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 grading system installed and the MID conditions (M).

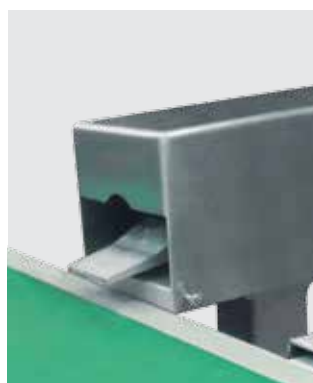
Options



> Split belt



> Grading by rotating blade



> Grading by "Air-jet"



> Grading by pneumatic piston

Option	Characteristics	Ref.
Grading by "Air-jet"	Up to 8 ejectors + 1 straight output. For model GW-3200*.	Contact us
Grading by pneumatic piston	Up to 8 ejectors + 1 straight output. For model GW-3200*.	Contact us
Grading by rotating blade	Up to 8 ejectors + 1 straight output. For model GW-3200*.	Contact us
L600 x W280 mm conveyor (to replace L400 conveyors)	For model GW-3200.	Contact us
L800 x W280 mm conveyor (to replace L400 conveyors)	For model GW-3200.	Contact us
L1,000 x W280 mm conveyor (to replace L400 conveyors)	For model GW-3200.	Contact us
L400 x W400 mm conveyor (to replace W280 conveyors)	For model GW-3200.	Contact us
L600 x W400 mm conveyor (to replace L400 conveyors)	For model GW-3200.	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 classified products	Consult us.	Contact us
Right to left operation	Standard operation: from left to right.	Contact us
RMS Software	Equipment configuration, production data management and back up (LBS). (See section on software)	7340R1U3 7340RNU3
DCS Software	Product data management. (See section on software)	7340C0U3 7340CNU3
Wi-Fi	Wireless communications.	Contact us
Packed in phytosanitary wood case	Necessary depending on the destination.	PEEC080F
Metrological verification (M)	According to EU weighing directives (MID).	Contact us

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

Accessories

Motorised conveyor

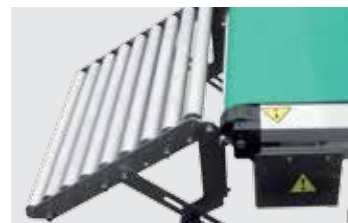
Infeed/output L1,000 x W280 mm conveyor, with smooth belt.



Ref: Contact us

W280 exit ramp

Non-motorised PVC rollers for W280 mm conveyors.



Ref: Contact us

W400 exit ramp

Non-motorised PVC rollers for W400 mm conveyors.



Ref: Contact us

Exit ramp for classified products



Ref: Contact us

Product guiding system in infeed conveyor (standard)

For special guides, contact us.



Ref: Contact us

Barcode readers

Contact us about applications.



Ref: Contact us

Rollers conveyor

Rollers conveyor for transporting or accumulating products.



Ref: Contact us

Rotating table

To collect wrapped and/or labelled products.



Ref: Contact us

Product turning device

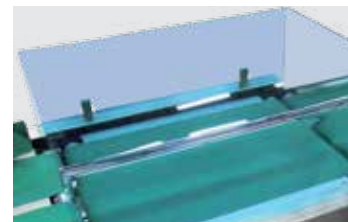
To change the position or orientation of the products.



Ref: Contact us

Polycarbonate protector for weighing conveyor

To avoid external disturbances during the weighing process.



Ref: Contact us

4 wheels with brakes

Stud included.



Ref: Contact us

24V visual and audible alarm



Ref: Contact us