

GWG-100

Automatic classifier

Weighs. Classifies. Distributes. Automatic dynamic weighing and classification system for production lines



giropes



GWG-100

Automatic dynamic weighing and in-line classification system that weighs, classifies, and distributes products without stopping production. It can reach speeds of up to 200 products per minute, with a minimum graduation of 0.5 g. Up to 16 automatic outputs can be enabled. Its adaptable configuration and the GCW software optimize productivity and guarantee precise and uniform classification.



SPECIFICATIONS

FEATURES

Capacity	From 1.5 kg up to 60 kg (depending on configuration)
Graduation	From 0.5 g up to 5 g
Degree of protection	IP65
Maximum throughput	Up to 200 ppm*
Number of outputs	Up to 16
Type of classification	By weight ranges, target weight, number of units, or dual criteria (weight/units)
Rejection system	Air blow, pneumatic piston, or paddle
Output system	Roller ramp, stainless steel ramp, receiving drawers, connection to another line, or open output
Power supply	Electrical: 230 V AC / 50-60 Hz Air: max. 150 l/min (5–8 bar)

*Maximum speed of the checkweigher. Performance depends on the weight, product dimensions, and equipment configuration.

KEY FEATURES

- » **HIGH ACCURACY** in dynamic weighing.
- » **AUTOMATIC** classification by weight.
- » **UP TO 16 CONFIGURABLE** OUTPUTS.
- » **DESIGN FLEXIBILITY** and customer adaptability.
- » **TRACEABILITY** of each weight and output.

TRANSPORT SYSTEM AND STRUCTURE

Weigh cart dimensions (Length x Width)	From 100 × 100 mm up to 1,000 × 800 mm (depending on configuration)
Conveyor belts	Suitable for food use
Structure	Stainless steel
Degree of protection	IP65 or IP69K, on request**
Frame	AISI 304L stainless steel, anodized aluminum
Guides	AISI 304L stainless steel, anodized aluminum and APM (optional)

**IP69K only in the carriage area.

INTERFACE, SOFTWARE AND CONNECTIVITY

Screen	10.4" LCD touchscreen 1024x768 px resolution IP65
Software	GCW
Data export	PDF, Excel, and other formats
Communication	Ethernet and OPC-UA server
Production management	Statistical control, batch management, and traceability