GCW-40ST

CHECKWEIGHER

Automatic checkweighing static
weighing equipment

CONCEPT MODULAR

GIROPES)

WEIGHING SOLUTIONS

GCW-40ST

GIROPES

GCW-40ST CHECKWEIGHER

GCW-40ST

An automatic, efficient and customizable industrial checkweigher.

High performance and precision with a hygienic and modular design.

The GCW-40ST has a modular structure that allows it to be easily integrated into any production line and incorporate other equipment to adapt to your specific needs or to the areas where it is located.

MODULAR DESIGN

Designed to suit various settings and production requirements. With interchangeable and scalable modules, we offer the flexibility to optimize performance in any manufacturing environment.

SIMPLIFIED MAINTENANCE

Low maintenance grade composed of interchangeable modules that allow easy customization and upgrading according to customer requirements.

QUICK AND EASY INSTALLATION

Designed to integrate seamlessly with other automation equipment and systems.

ADAPTABILITY TO FUTURE NEEDS AND LINE EXPANSION

MODULAR DESIGN

EASY ASSEMBLY

GCW-40ST
Checkweigher

HIGH RESOLUTION LOAD CELLS
High precision and resolution load cells

SETTINGS
Possibility of adapting the width and length of the belt according to the customer's needs.
With a compact and stable design.

PERFORMANCE
Data evaluation with export to EXCEL/CSV or with optional connection to Giscale Software

OPERATING MODE
The GCW-40ST checkweigher can work in checkweigher mode or in scanner mode. In checkweigher mode, it identifies and manually corrects products with non-conforming weight, keeping production running smoothly. In ejector mode, out-of-specification items are automatically diverted to the optional ejector, with a configurable time for accurate and uninterrupted operation.

Dimensions of weighing belt structures	L300 x H200 L400 x H280 L400 x H400 L600 x H400
Production	Up to 20 ppm (depending on package weight and size)
Maximum capacity according to dimension	From 1.5 kg to 15 kg (see belt structures and capacity table)
Protection rating	IP54 (standard), IP65 (optional)
Electric panel	Stainless steel AISI 304L
Entry guides	Stainless steel AISI 304L Optional - Polymeric materials for high humidity environments (consult us)
Optional reject system	Compressed air Pneumatic piston system
Conveyor belt:	Standard with FDA regulatory approval
Labeling system	Optional (consult us)
Inputs	Product presence sensor Line commissioning Line shutdown
Outputs	Start up and stoppage the conveyor Sensor light/buzzer Auxiliary exit for equipment monitoring Ejector

GIROPES)

CE SGS OIML

GCW-40ST CHECKWEIGHER

LUMINOUS/SOUND BEACON
2 COLORS

GI410 INDICATOR
Checkweigher function

PROXIMITY
SENSOR

CONVEYOR BELT

Connection cabinet
and emergency stop
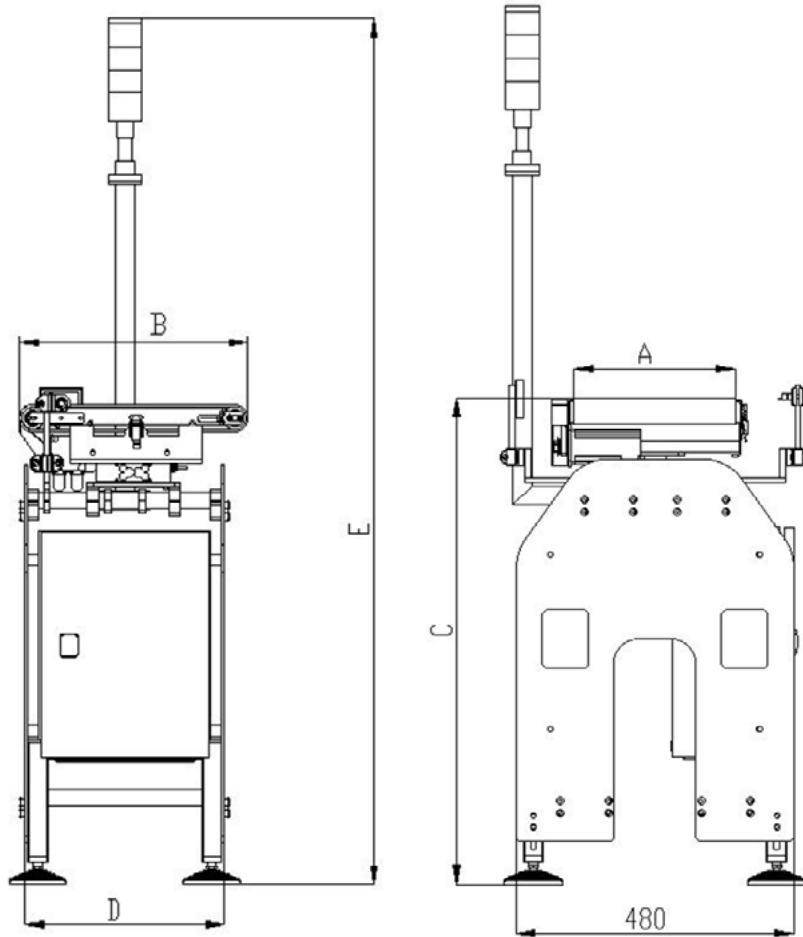(image with optional
stainless-steel version)

IP67 LOAD CELL

Rubber feet
(optional in
stainless steel)

Technical characteristics

Models according to belt structure	Capacities	A	B (L)	C	D	E
L300 x H280	1.5 kg /3kg	280	300	800-950	350	1500-1650
L400 x H280	6kg /15kg	280	400	800-950	350	1500-1650
L400 x H400	6kg /15kg	400	400	800-950	350	1500-1650
L600 x H400	6kg /15kg	400	600	800-950	350	1500-1650

(dimensions in mm)
800 - 950 (adjustable feet +/- 100)

Reach according to belt structure dimensions	1.5 / 3 kg with belt structure L300 x H200
	6 / 15 kg with belt structure L400 x H280
	6 / 15 kg with belt structure L400 x H400
	6 / 15 kg with belt structure L600 x H400
Cadence (ppm)	Max. 20
Motor	Servo Motor
Transport direction	From right to left or from left to right (specify when ordering)
Working height (mm)	800 - 950 (adjustable feet +/- 100)
Ground clearance (mm)	up to side plate (65 mm), up to frame (205 mm)
Operating temperature °C	0º-40ºC
protection rating	IP54 (standard), IP65 (optional)
Feeding	230V 50Hz
Material of the scale frame	Stainless steel AISI 304L
Weight	**30 kg**: Belt structure L300 x H200
	31 kg: Belt structure L400 x H280
	32 kg: Belt structure L400 x H400
	34 kg: Belt structure L600 x H400
Weight display	GI410 stainless steel IP65 with LCD display and numerical keypad
Input /Output	Ethernet
	RS232

GIROPES
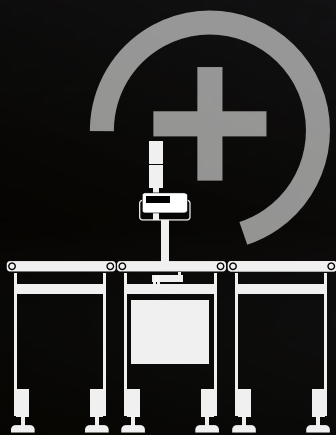
CE · SGS · OIML

MODULAR SYSTEM
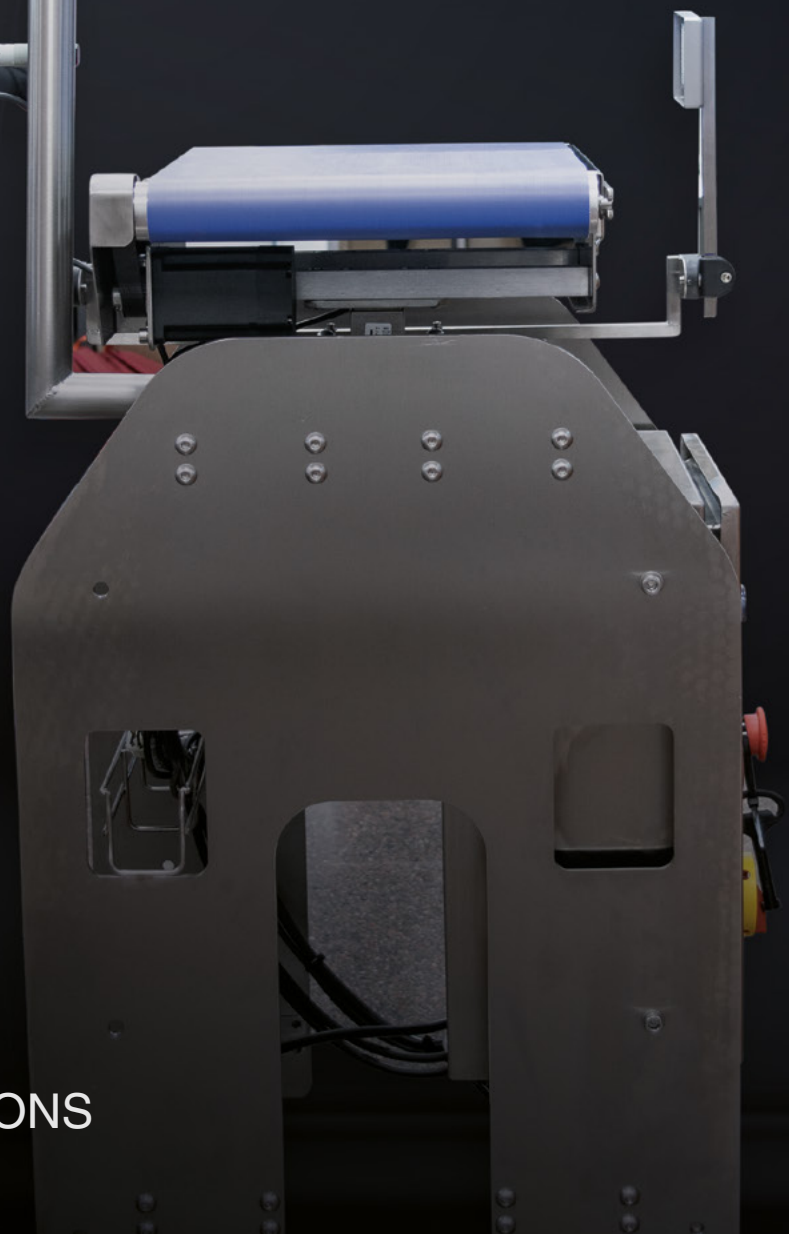
METAL DETECTOR

EJECTION SYSTEM AIR OR PISTON

LABELING SYSTEM PRODUCT IDENTIFICATION

Static weighing controller, integration in production lines.

EXPLORE CONFIGURABLE SOLUTIONS

Labeling system (optional)

Crucial for product identification, traceability and compliance with regulations and market requirements. Prints necessary information on labels, such as barcodes, expiration dates, lot numbers, logos, etc.

Continuously supplying labels to the application system.

Guarantees label placement accuracy.

Metal detector
air or pneumatic piston (optional)

The metal detectors use powerful digital signal processing technology and have high levels of sensitivity to detect the smallest ferrous, non-ferrous and stainless-steel contaminants.

Adjust to any application with custom conveyor systems and rejection options that we manufacture to your specifications.

Ejection system
air or pneumatic piston (optional)

Implementing an effective ejection system contributes significantly to process efficiency and quality, reducing costs associated with defective products.

REJECTION SYSTEM (OPTIONAL):
- *Compressed air*
- *Pneumatic piston system*

GISCALE PRO
Software PC (optional)

With Giscale PRO you can manage production lines by: product, operator or scale.

Outstanding features:
- *Multi-license (can be managed from multiple computers).*
- *Unique compatibility with indicators of the GI4xx PROD family*
- *Allows integration with ERPs and MES.*
- *Allows multiple viewers to be managed and configured simultaneously.*

Its application of the **Real-Time Production Panel Module**: Viewing of the work rate in %, in number of weighings and the product given away (per operator and scale). Objective and reliable data in real time, allowing immediate action to be taken.

Gs **GISCALEPRO**

GCW-40ST

40ST Checkweigher

Description	Capacity	Accuracy	#Code
GCW-40ST - static weighing 300x200	1.5 kg	0.5 g	-
GCW-40ST - static weighing 300x200	3 kg	1 g	-
GCW-40ST - static weighing 400x280	6 kg	2 g	-
GCW-40ST - static weighing 400x280	15 kg	5 g	-
GCW-40ST - static weighing 400x400	6 kg	2 g	-
GCW-40ST - static weighing 400x400	15 kg	5 g	-
GCW-40ST - static weighing 600x400	6 kg	2 g	-
GCW-40ST - static weighing 600x400	15 kg	5 g	-

SOFTWARE PC

Description	#Code
GISCALE PRO (Software PC)	-

OTHER SETTINGS

Description	#Code
AISI 304 stainless steel entry guides	-
Entry guides with polymeric materials for high humidity environments	-
Rejection system: Compressed air	-
Rejection system: Pneumatic piston	-
Labeling system	consult
Metal detector	consult

GIROPES
WEIGHING SOLUTIONS