



# GCW-40ST

## CHECKWEIGHER

Automatic checkweighing static  
weighing equipment



CONCEPT  
MODULAR

**GIROPES**

WEIGHING SOLUTIONS



**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 Gyscale 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**



**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

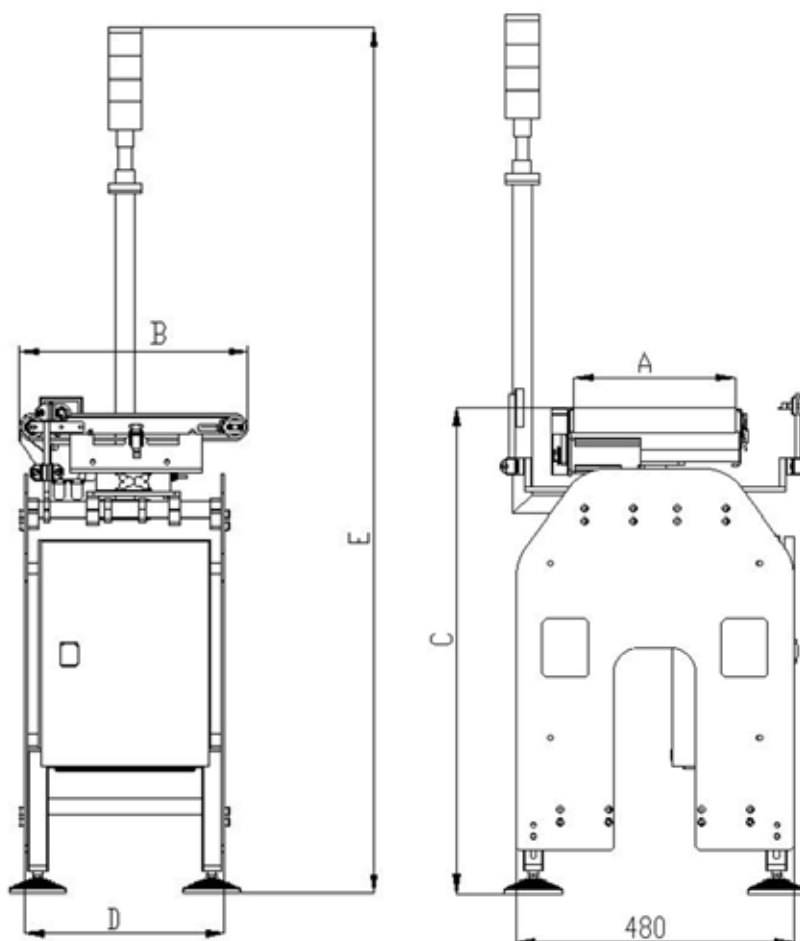
Rubber feet  
(optional in  
stainless steel)



# Technical characteristics

<i>Models according to belt structure</i>	<i>Capacities</i>	<i>A</i>	<i>B (L)</i>	<i>C</i>	<i>D</i>	<i>E</i>
L300 x H200	1.5 kg /3kg	<b>200</b>	<b>300</b>	<b>800-950</b>	<b>350</b>	<b>1500-1650</b>
L400 x H280	6kg /15kg	<b>280</b>	<b>400</b>	<b>800-950</b>	<b>350</b>	<b>1500-1650</b>
L400 x H400	6kg /15kg	<b>400</b>	<b>400</b>	<b>800-950</b>	<b>350</b>	<b>1500-1650</b>
L600 x H400	6kg /15kg	<b>400</b>	<b>600</b>	<b>800-950</b>	<b>350</b>	<b>1500-1650</b>

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




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<b>Reach according to belt structure dimensions</b>	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
<b>Cadence (ppm)</b>	Max. 20
<b>Motor</b>	Servo Motor
<b>Transport direction</b>	From right to left or from left to right (specify when ordering)
<b>Working height (mm)</b>	800 - 950 (adjustable feet +/- 100)
<b>Ground clearance (mm)</b>	up to side plate (65 mm), up to frame (205 mm)
<b>Operating temperature °C</b>	0°-40°C
<b>protection rating</b>	IP54 (standard), IP65 (optional)

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<b>Feeding</b>	230V 50Hz
<b>Rated power</b>	400W
<b>Material of the scale frame</b>	Stainless steel AISI 304L
<b>Weight</b>	<b>30 kg:</b> Belt structure L300 x H200 <b>31 kg:</b> Belt structure L400 x H280 <b>32 kg:</b> Belt structure L400 x H400 <b>34 kg:</b> Belt structure L600 x H400
<b>Weight display</b>	GI410 stainless steel IP65 with LCD display and numerical keypad
<b>Input /Output</b>	Ethernet RS232

**GIROPES**



**MODULAR  
SYSTEM**



**METAL  
DETECTOR**

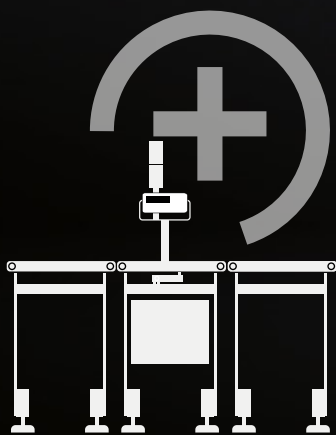


**EJECTION SYSTEM  
AIR OR PISTON**

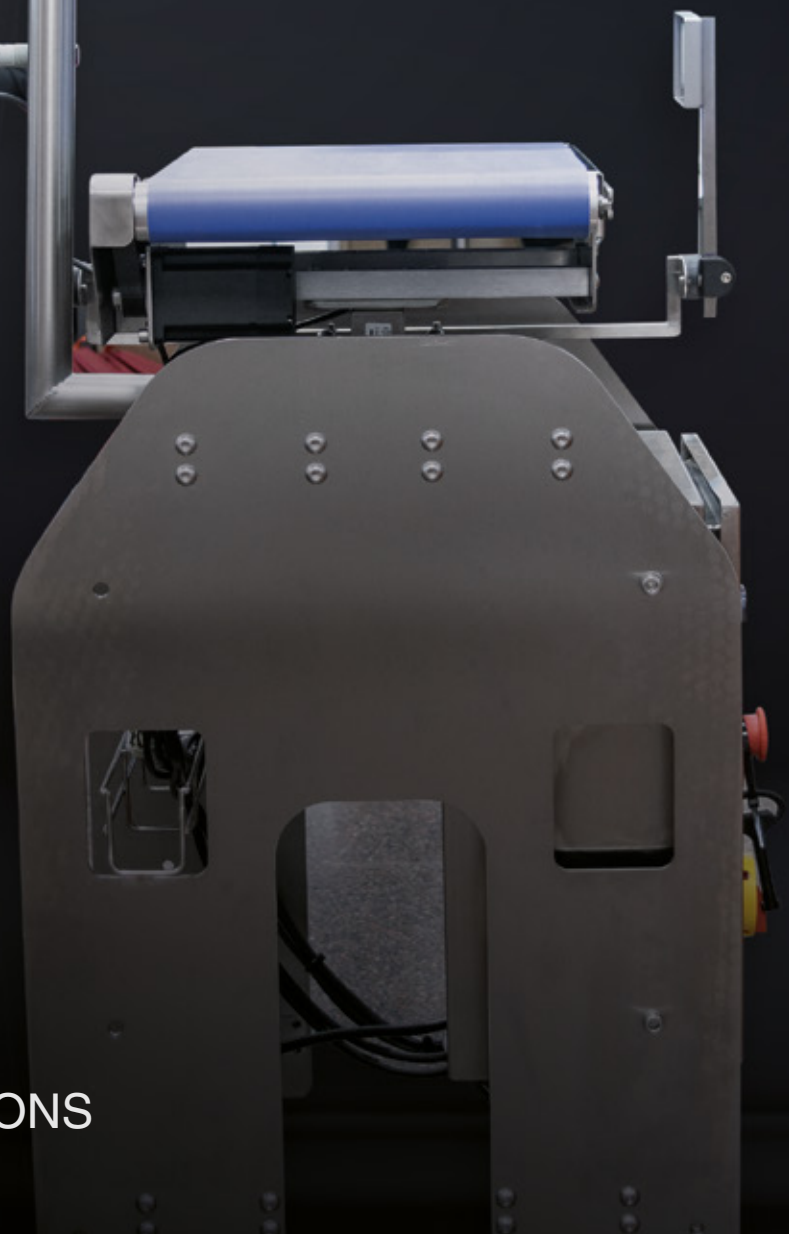


**LABELING SYSTEM  
PRODUCT  
IDENTIFICATION**

**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.

# 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