

**GIROPES**  
WEIGHING SOLUTIONS



# WEIGHING PROCESS CONTROL FOR INDUSTRY





## INTEGRATED LOAD CELLS, SOLUTIONS FOR THE INDUSTRY

The catalog of Giropès products has been tailored to give solutions to different processes in the industry, where weighing is vital to optimize resources and their production. We provide innovative solutions to important companies in the food, construction and recycling sectors, all over the world.

Reliable and accurate weighing

### WEIGHING TANKS, HOPPERS AND REACTORS

Complete solutions with weighing systems of hoppers and silos, offering the different components and devices to complete the installation.

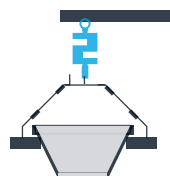
Giropès load cells range with different capacities, precisions and protection according to the demands of the work environment.

Weighing indicators helping process of automation and weighing system control.



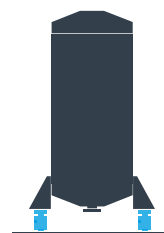
#### WEIGHING IN REACTORS

Mounting kits with load cells allow to solve the weighing with reactors.



#### WEIGHING SUSPENDED HOPPER

We offer different types of load cells to make these solutions directly or with our traction accessories.



#### WEIGHING SILOS

Our mounting kits allow us to solve weighing with silos or hoppers. Including specific silent blocks to absorb vibrations.

Weighing and dosing

### WEIGHING FOR AUTOMATION OF PROCESSES

We offer weighing solutions to optimize your productivity and the availability of your equipment.

We offer a wide and dedicated catalog to complete the weighing and dosing solutions, specifically for the integration in monitoring systems and control of manufacturing processes.







## MOUNTING KITS

We offer a wide range of assembly solutions to integrate into any installation already assembled or to complete in the engineering study process.

Our load cells mounting kits offer different protections, capacities and precision classes.



Kit models	Capacities (t)	Use	Certified	ATEX
<b>GTD + AC4290</b>	2,5 to 30	Support for silos and tanks with lift-off prevention	OIML R60 Class C	
<b>G8R + AC74907</b>	18 to 50	Support for silos with lift-off prevention	OIML R60 Class C	
<b>GIP + AC74909/08</b>	15 to 40 60	Support for silos with lift-off prevention	OIML R60 Class C	
<b>GIP/D + AC7490/10/11</b>	100-200 400	Support for silos with lift-off prevention	OIML R60 Class C	●
<b>460 + AC4690</b>	5 to 100	Support for silos with lift-off prevention	OIML R60 Class C	●
<b>GTH + AC/GTH Z/I</b>	5 to 50	Support for tank with lift-off prevention	OIML R60 Class C	
<b>G5i + AC-G5i-Z</b>	0,3 to 7,5	Reactors and hoppers	OIML R60 Class C	
<b>G5i + AC35909/10</b>	0,3 to 7,5	Silent block for silos/hoppers to absorb vibrations	OIML R60 Class C	
<b>G2i + ACG2i</b>	0,015 to 0,300	Tension accessories	OIML R60 Class C	
<b>G2i + AC30904/5 + base plate</b>	0,015 to 0,300	Silent block for silos/hoppers to absorb vibrations	OIML R60 Class C	
<b>G1i + ACG2i</b>	0,015 to 1,5	Tension accessories	OIML R60 Class C	
<b>G1i + AC30904/5 + base plate</b>	0,015 to 1,5	Silent block for silos/hoppers to absorb vibrations	OIML R60 Class C	

● Optional

# LOAD CELLS & ELECTRONICS

Guarantee certified to weigh the different materials of your facilities with the integration of Giropès load cells.

Solutions to tanks and voves, to obtain the most accurate and reliable weight at constant speed.



## LOAD CELLS

Kit Model		Capacidades (t)	Material	Protection	Class	Combined error	Type	Certification	ATEX
GTD		2,5 to 30	Stainless steel	IP68	C3	0,017%NL	Analog	OIML	
G8R		18 to 50	Stainless steel	IP68	C4	0,017%NL	Analog	OIML	
G8RD		18 a 50	Stainless steel	IP69K	C4	0,017%NL	Digital	OIML	
GIPD		15 to 60	Stainless steel	IP69K	C4	0,013%NL	Digital	OIML	●
460		5 to 100	Stainless steel	IP68	C3	0,017%NL	Analog	OIML	●
GTH		5 to 50	Alloy steel	IP68	C3	0,017%NL	Analog	OIML	
		15 ,20 & 25t							
G5i		0,3 to 7,5	Stainless steel	IP68	C3	0,02%NL	Analog	OIML	
G2i		0,015 to 0,300	Stainless steel	IP68	C3	0,017%NL	Analog	OIML	
G1i		0,015 to 1,5	Alloy steel	IP68	C3	0,017%NL	Analog	OIML	

● Optional



## INDICATORS

MODEL	GI400 TARE-WEIGHT				GI410 DIGITAL				GI650 TOUCH SCREEN
Homologation	EN45501				EN45501				EN45501
Classes	III and IIII				III and IIII				III and IIII
Verification steps	6000				6000				10000
Display	LED 25 mm	LCD 40 mm	LED 25 mm	LCD 40 mm	LED 25 mm	LCD 40 mm	LED 25 mm	LCD 40 mm	TOUCH SCREEN 8"
Case	ABS	ABS	Stainless steel	Stainless steel	ABS	ABS	Stainless steel	Stainless steel	Stainless steel / ABS
IP	IP54 / 65 IP68 (only in stainless steel)								
Communications	2 x RS232 RS485 Ethernet*		2 x RS232 RS485 4/E-4/S* Analog output Ethernet*		2 x RS232 RS485 Ethernet*		2 x RS232 RS485 4/E-4/S* Analog output Ethernet*		2 x RS232 Ethernet USB
Transfer speed	RS232 and RS485 reception range configurable from 300 to 115,000 baudrates								
Protocols	The most used in the market + of 50								The most used in the market + of 10

\* Consult options

## WEIGHING REPEATERS

R45	R100
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## DOSING INDICATORS

DGT	DGTQ
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