

# WEIGH BRIDGES

## 2025 CATALOGUE



NP









**” QUALITY &  
MAXIMUM RELIABILITY**



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# EVO SERIES

MODULARITY AND PRECISION  
FOR THE INDUSTRIAL WEIGHING OF THE FUTURE

**BPPSE EVO** 6  
3 m | 3,30 m | 3,50 m

**BPPSES EVO** 10  
3 m | 3,30 m | 3,50 m

**BPPSE EVO XC** 12  
3 m

**BPPSES EVO XC** 13  
3 m

**BPPCE EVO** 14  
3 m | 3,30 m | 3,50 m

**BPPCE EVO XC** 18  
3 m

**BPPCE EVO D** 20  
3 m

**ACCESSORIES EVO series** 22



# BPPSE EVO BPPSES EVO

Two solutions to suit the use and the environment.



Modular evolution with the option of in-situ or pre-installed formwork, ideal for industrial applications.



## Specifications

### FEATURES

Height of the rolling surface	300 mm
Access ramp	For on-ground installation: slope of 10%
Finish	RAL5004 blue polyurethane paint on the components. Registration covers i/o RAL1004.
Screwing	Quality 8.8 zinc plated
Installation	On-ground or pit assembly

### LOAD CELLS

Load Cells	Stainless steel IP69K. 4000 d OIML R60
Optional Load Cells	For weighbridges of 60 t » G8R 20 t Model For weighbridges of 30 t » G8R 20 t Model For BPPSES EVO 80-100 t Model » G8R 30 t Model

### STRUCTURE

#### For weighbridges of 30-60-80 t (BPPSE EVO):

- » Modules with IPE-240 and IPE-140 profiles.
- » Headboards with 12 mm thick handrails.
- » 8 mm tear sheet in registers and centre plates.

#### For weighbridges of 100 t (BPPSE EVO):

- » Modules with profiles IPE-270 and IPE-160.
- » Headboards with 12 mm thick handrails.
- » 8 mm tear sheet surface in registers and centre plates.

### MODULES

#### BPPSE EVO (3 metres)

- » Constructed of modules that combine: 5,6 x 1,5 m and 3,6 x 1,5 m.

#### BPPSE EVO XC (3 metres)

- » Built with modules of: 1,35 m or 1,25 m (width) x 5,6 m and/or 3,6 m (length).
- » With central plate of 300 or 500 mm (depending on the module width).

#### BPPSE EVO (3,3 metres)

- » Built with modules that combine: 5,6 x 1,5 m and 3,6 x 1,5 m.
- » With central plate of 300 mm.

#### BPPSE EVO (3,5 metres)

- » Built with modules that combine: 5,6 x 1,5 m and 3,6 x 1,5 m.
- » With central plate of 500 mm.

### ELECTRONIC

- » ABS terminal junction box with 4 or 6 load cells, depending the dimension scale and fitted with potentiometers. Protection IP65.
- » 15 m in length of cable joining the weighbridge to the indicator.
- » It is advisable the installation of an earthed landing following the instructions of each country.

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

#### FOR BPPSE EVO MODEL

- » Entry and exit angles (on-ground installations).
- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles.
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm | 1500 mm | 1650 mm | 1750 mm width.

#### FOR BPPSES EVO MODEL

- » Entry and exit angles (on-ground installations).
- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles.
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm | 1500 mm width.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPPSE/ BPPSES EVO

WIDTH  
**3 m**

CAPACITY  
**30 - 80 t**

MIXED

2 versions:  
BPPSE EVO  
BPPSES EVO

OMNIDIRECTIONAL  
or UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND or  
PIT ASSEMBLY

Regimen of use: HIGH

*To see all other available  
accessories see page 61*

## →BPPSE EVO

Factory concreted version. This version is supplied with the concrete already poured in the factory, saving costs of assembly and drying of the scale, being able to start weighing the same day of assembly of the scale.

## →BPPSES EVO

Version with metal formwork. This version is supplied with metal formwork welded to the platform for pouring concrete.



## Factory-precast concrete

This variant is delivered with the concrete already poured and cured in the platforms, significantly reducing installation time. It allows weighing operations to begin on the same day of assembly, optimizing resources and avoiding on-site delays.

### Capacity 30-60 t

				3 m (no Central Plate)		
						GALVANISED SUPP.
Cap. (t)	Length (m)	No. of Cells	Height (mm)	# Code		# Code
30	6	4	300	150557		160420
30	8	6	300	150558		160421
30	10	6	300	150559		160422
60	12	6	300	150560		160423
60	14	8	300	150561		160424
60	16	8	300	150562		160425
60	18	8	300	150563		160426
60	20	10	300	150564		160427
60	21	10	300	150565		160428
60	22	10	300	150566		160429
60	24	10	300	150567		160430
60	26	12	300	150568		160431

Note: The prices do not include the indicator.

### Capacity 60-80 t

				3 m (no Central Plate)		
						GALVANISED SUPP.
Cap. (t)	Length (m)	No. of Cells	Height (mm)	# Code		# Code
60	6	4	300	150956		160420
60	8	6	300	150957		160421
60	10	6	300	150958		160422
80	12	6	300	150959		160423
80	14	8	300	150907		160424
80	16	8	300	150908		160425
80	18	8	300	150909		160426
80	20	10	300	150910		160427
80	21	10	300	150960		160428
80	22	10	300	150911		160429
80	24	10	300	150912		160430
80	26	12	300	150961		160431

Note: The prices do not include the indicator.

### Capacity 100 t

				3 m (no Central Plate)		
						GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code		# Code
100	14	8	300	151235		165139
100	16	8	300	151236		165140
100	18	8	300	151237		165141
100	20	10	300	151238		165142
100	21	10	300	151239		165143
100	22	10	300	151240		165144
100	24	10	300	151241		165145
100	26	12	300	151242		165146

Note: The prices do not include the indicator.

## With central plate

These models feature a bolted central plate that covers the gap between platforms. This solution allows uninterrupted vehicle passage, protects the load cell system from debris ingress, and, being removable, provides quick access to the interior for inspection and maintenance tasks. It enhances the overall durability of the system and improves daily operation.



# BPPSE EVO

### Capacity 30-60 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
30	6	4	300	150581	160432	150605	160444
30	8	6	300	150582	160433	150606	160445
30	10	6	300	150583	160434	150607	160446
60	12	6	300	150584	160435	150608	160447
60	14	8	300	150585	160436	150609	160448
60	16	8	300	150586	160437	150610	160449
60	18	8	300	150587	160438	150611	160450
60	20	10	300	150588	160439	150612	160451
60	21	10	300	150589	160440	150613	160452
60	22	10	300	150590	160441	150614	160453
60	24	10	300	150591	160442	150615	160454
60	26	12	300	150592	160443	150616	160455

Note: The prices do not include the indicator.

### Capacity 60-80 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
60	6	4	300	151159	163234	151165	163222
60	8	6	300	151160	163235	151166	163223
60	10	6	300	151161	163236	151167	163224
80	12	6	300	151162	163237	151168	163225
80	14	8	300	150913	163238	150919	163226
80	16	8	300	150914	163239	150920	163227
80	18	8	300	150915	163240	150921	163228
80	20	10	300	150916	163241	150922	163229
80	21	10	300	161163	163242	151169	163230
80	22	10	300	150917	163243	150923	163231
80	24	10	300	150818	163244	150924	163232
80	26	12	300	151164	163245	151170	163233

Note: The prices do not include the indicator.

### Capacity 100 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
100	14	8	300	151219	165123	151227	165131
100	16	8	300	151220	165124	151228	165132
100	18	8	300	151221	165125	151229	165133
100	20	10	300	151222	165126	151230	165134
100	21	10	300	151223	165127	151231	165135
100	22	10	300	151224	165128	151232	165136
100	24	10	300	151225	165129	151233	165137
100	26	12	300	151226	165130	151234	165138

Note: The prices do not include the indicator.

# BPPSES EVO

## In-situ concrete version

This version is designed for on-site concreting. The metal structure is supplied ready for concrete pouring at the installation location, allowing adaptation to the specific environment. Ideal for projects aiming to utilize local labor and construction materials.

### Capacity 30-60 t

Cap. (t)	Length (m)	No. of Cells	Height (mm)	3 m (no Central Plate)			
				# Code		GALVANISED SUPP.	
				# Code		# Code	
30	6	4	300	150545		160420	
30	8	6	300	150546		160421	
30	10	6	300	150547		160422	
60	12	6	300	150548		160423	
60	14	8	300	150549		160424	
60	16	8	300	150550		160425	
60	18	8	300	150551		160426	
60	20	10	300	150552		160427	
60	21	10	300	150553		160428	
60	22	10	300	150554		160429	
60	24	10	300	150555		160430	
60	26	12	300	150556		160431	

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

### Capacity 60-80 t

Cap. (t)	Length (m)	No. of Cells	Height (mm)	3 m (no Central Plate)			
				# Code		GALVANISED SUPP.	
				# Code		# Code	
60	6	4	300	150944		160240	
60	8	6	300	150945		160221	
60	10	6	300	150946		160222	
80	12	6	300	150947		160223	
80	14	8	300	150948		160224	
80	16	8	300	150949		160225	
80	18	8	300	150950		160226	
80	20	10	300	150951		160227	
80	21	10	300	150952		160228	
80	22	10	300	150953		160229	
80	24	10	300	150954		160230	
80	26	12	300	150955		160231	

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

### Capacity 100 t

Capacity (t)	Length (m)	No. of Cells	Height (mm)	3 m (no Central Plate)			
				# Code		GALVANISED SUPP.	
				# Code		# Code	
100	14	8	300	150643		160496	
100	16	8	300	150644		160497	
100	18	8	300	150645		160498	
100	20	10	300	150646		160499	
100	21	10	300	150647		160500	
100	22	10	300	150648		160501	
100	24	10	300	150649		160502	
100	26	12	300	150650		160503	

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.



## With central plate

These models feature a bolted central plate that covers the gap between platforms. This solution allows uninterrupted vehicle passage, protects the load cell system from debris ingress, and, being removable, provides quick access to the interior for inspection and maintenance tasks. It enhances the overall durability of the system and improves daily operation.



# BPPSES EVO

### Capacity 30-60 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
30	6	4	300	150569	160420	150593	160444
30	8	6	300	150570	160421	150594	160445
30	10	6	300	150571	160422	150595	160446
60	12	6	300	150572	160423	150596	160447
60	14	8	300	150573	160424	150597	160448
60	16	8	300	150574	160425	150598	160449
60	18	8	300	150575	160426	150599	160450
60	20	10	300	150576	160427	150600	160451
60	21	10	300	150577	160428	150601	160452
60	22	10	300	150578	160429	150602	160453
60	24	10	300	150579	160430	150603	160454
60	26	12	300	150580	160431	150604	160455

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

### Capacity 60-80 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
60	6	4	300	151187	165091	151199	165103
60	8	6	300	151188	165092	151200	165104
60	10	6	300	151189	165093	151201	165105
80	12	6	300	151190	165094	151202	165106
80	14	8	300	151191	165095	151203	165107
80	16	8	300	151192	165096	151204	165108
80	18	8	300	151193	165097	151205	165109
80	20	10	300	151194	165098	151206	165110
80	21	10	300	151195	165099	151207	165111
80	22	10	300	151196	165100	151208	165112
80	24	10	300	151197	165101	151209	165113
80	26	12	300	151198	165102	151210	165114

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

### Capacity 100 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
100	14	8	300	151211	165115	151153	163198
100	16	8	300	151212	165116	151154	163199
100	18	8	300	151213	165117	150869	163200
100	20	10	300	151214	165118	151155	163201
100	21	10	300	151215	165119	150868	163202
100	22	10	300	151216	165120	151156	163203
100	24	10	300	151217	165121	151157	163204
100	26	12	300	151218	165122	151158	163205

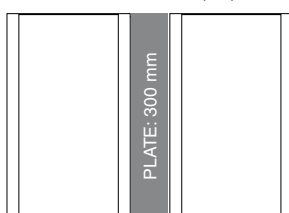
Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

## EVO XC

### 3 m Weighbridges with Central Plate

Variant with central plate for 3-meter-wide weighbridges. Unlike standard models, which do not allow for this cover, the XC version features redesigned side modules to accommodate a 300 mm or 500 mm central plate. This enables continuous vehicle flow, protects the load cells from dirt, and improves maintenance access—all without increasing the total width of the weighbridge.

BPPSE EVO XC (3m)



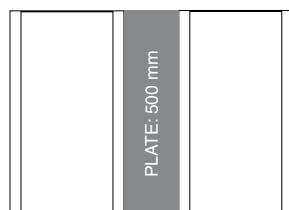
**Central Plate  
width 300 mm**

#### Capacity 30-60 t

				<b>EVO XC 3 m (Central Plate width 300 mm)</b>	
					<b>GALVANISED SUPP.</b>
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151070	163172
30	8	6	300	151071	163173
30	10	6	300	151072	163174
60	12	6	300	151073	163175
60	14	8	300	151074	163176
60	16	8	300	151075	163177
60	18	8	300	151076	163178
60	20	10	300	151077	163179
60	21	10	300	151078	163180
60	22	10	300	151079	163181
60	24	10	300	151080	163182
60	26	12	300	151081	163183

Note: The prices do not include the indicator.

BPPSE EVO XC (3m)



**Central Plate  
width 500 mm**

#### Capacity 30-60 t

				<b>EVO XC 3 m (Central Plate width 500 mm)</b>	
					<b>GALVANISED SUPP.</b>
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151018	163186
30	8	6	300	151019	163187
30	10	6	300	151020	163188
60	12	6	300	151021	163189
60	14	8	300	151022	163190
60	16	8	300	151023	163191
60	18	8	300	151014	163192
60	20	10	300	151025	163193
60	21	10	300	151026	163194
60	22	10	300	151027	163195
60	24	10	300	151028	163196
60	26	12	300	151029	163197

Note: The prices do not include the indicator.

## BPPSE/BPPSES EVO XC

### Factory or In-situ Concrete Options

As with other models in the range, the weighbridge can be concreted either at the factory (BPPSE variant) or at the final installation site (BPPSES variant).



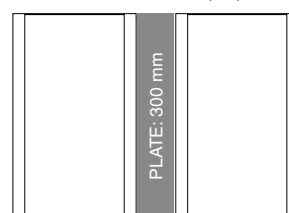
# BPPSES EVO XC

### Capacity 30-60 t

				EVO XC 3 m (Central Plate width 300 mm)	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151082	163172
30	8	6	300	151083	163173
30	10	6	300	151084	163174
60	12	6	300	151085	163175
60	14	8	300	151086	163176
60	16	8	300	151087	163177
60	18	8	300	151088	163178
60	20	10	300	151089	163179
60	21	10	300	151090	163180
60	22	10	300	151091	163181
60	24	10	300	151092	163182
60	26	12	300	151093	163183

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

BPPSE EVO XC (3m)



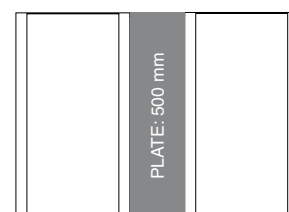
**Central Plate  
width 300 mm**

### Capacity 30-60 t

				EVO XC 3 m (Central Plate width 500 mm)	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151030	163206
30	8	6	300	151031	163207
30	10	6	300	151032	163208
60	12	6	300	151033	163209
60	14	8	300	151034	163210
60	16	8	300	151035	163211
60	18	8	300	151036	163212
60	20	10	300	151037	163213
60	21	10	300	151038	163214
60	22	10	300	151039	163215
60	24	10	300	151040	163216
60	26	12	300	151041	163217

Note: The prices do not include the indicator. Note 2: Prices do not include concreting.

BPPSE EVO XC (3m)



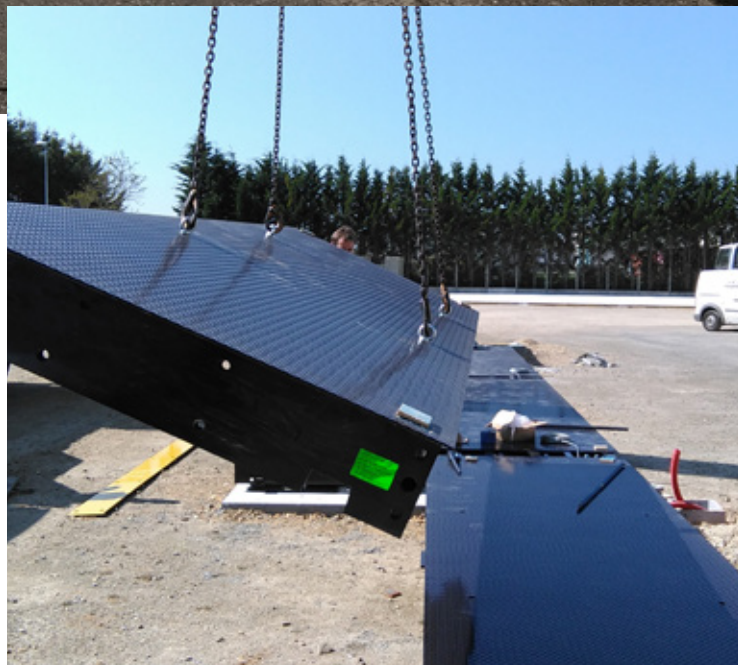
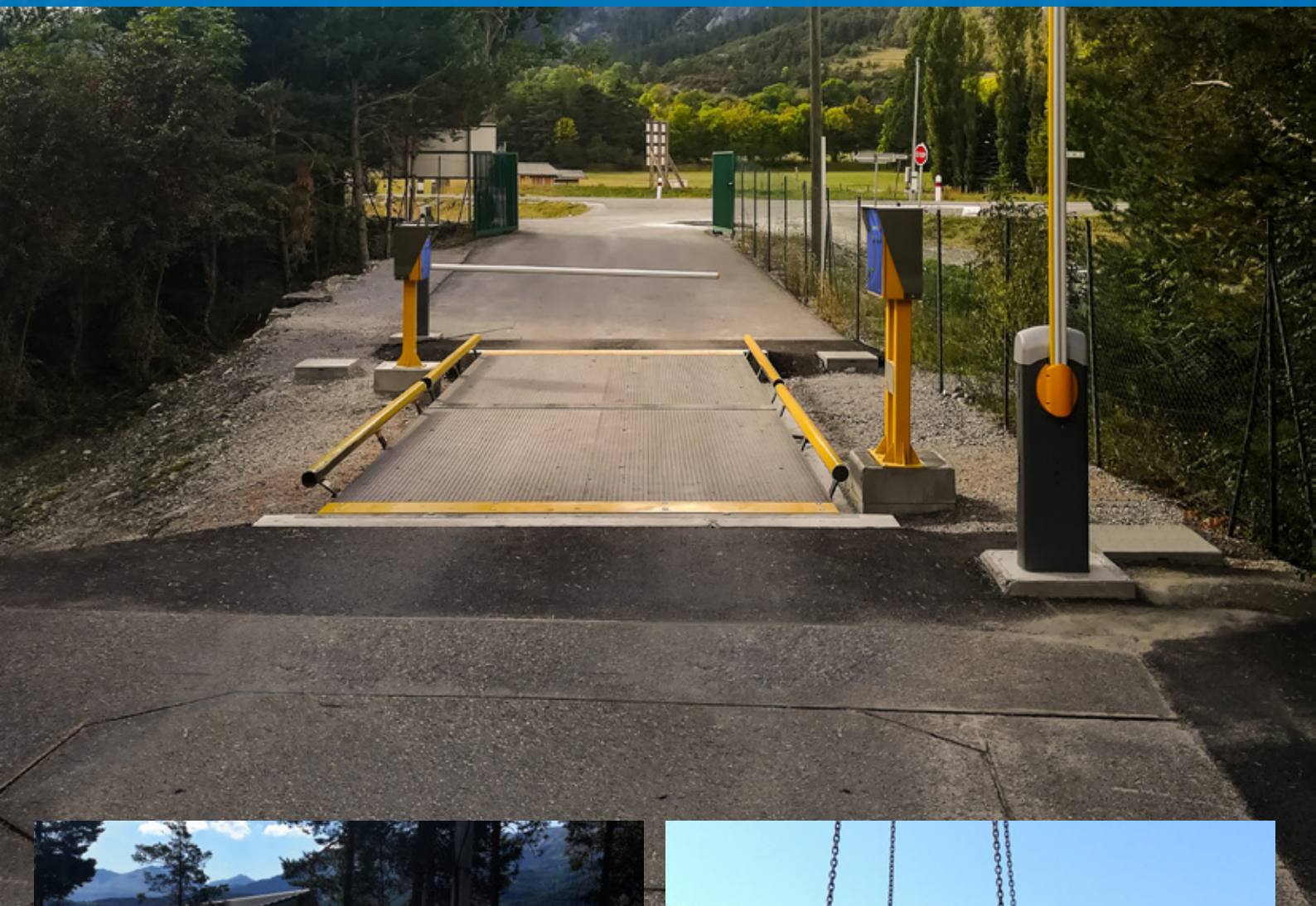
**Central Plate  
width 500 mm**



# BPPCE EVO

**Demanding use, agility in transport.**

Continuous research and development have resulted in this modular design, which facilitates transport and installation.



## Specifications

### FEATURES

<b>Height of the rolling surface</b>	For weighbridges of 30 t, 60 t and 80 t: 300 mm version with Anchor Plates in a civil engineering or with casings For weighbridges of 100 t: 350 mm
<b>Surface and Thickness of the Rolling Deck</b>	For weighbridges of 30 t, 60 t and 80 t: Tear sheet of 6/8mm and plain sheet of 8 mm. For weighbridges of 100 t: Tear sheet of 6/8mm and plain sheet of 10 mm.
<b>Acces ramp</b>	For on-ground installation: slope of 10%.
<b>Finish</b>	Two-component RAL5004 polyurethane paint. RAL1004 register covers.
<b>Screwing</b>	8.8 Quality in zinc

### LOAD CELLS

<b>Load Cells</b>	Analog, Model G8R. 4000 d OIML R60 class C. IP69k protection
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### STRUCTURE

#### Capacities 30 t - 60 t and 80 t

- » Modules with profiles IPE-240, IPE-180 and IPE-160.
- » Headboards with handrails:  
For weighbridges with capacity of 30 t -60 t: 12 mm thick.  
For weighbridges with capacity of 60 t -80 t: 15 mm thick.

#### Capacities 100 t

- » Modules with profiles IPE-270, IPE-240, IPE-220 and IPE-200.
- » Headboards with handrails of 20 mm thick.

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD / G8RD Dual. See page 72-73.
- » Load Cells GIP / GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles.
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm | 1500 mm | 1650 mm | 1750 mm width.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.

**BPPCE  
EVO**

**WIDTH**

**3 - 3,30 - 3,50 m**

**CAPACITY**

**30 - 100 t**

**METAL**

**OMNIDIRECTIONAL or  
UNIDIRECTIONAL  
(Two-way)**

**Installation:  
ON-GROUND or  
PIT ASSEMBLY**

**Regimen of use:  
HIGH**

*To see all other available  
accessories see page 61*



# BPPCE EVO

## EVO Steel Version

Features a robust, fully metallic structure, ideal for heavy-duty industrial environments. Its modular design allows for quick installation and easy maintenance over time.

### Capacity 30-60 t

				3 m (no Central Plate)			
					GALVANISED SUPP.	Surface: 10 mm smooth sheet	
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	
30	6	4	300	150428	160163	-	
30	8	6	300	150429	160164	-	
30	10	6	300	150430	160165	-	
60	12	6	300	150431	160166	-	
60	14	8	300	150410	160167	151244	
60	16	8	300	150411	160168	151245	
60	18	8	300	150408	160169	151246	
60	20	10	300	150446	160170	-	
60	21	10	300	150432	160171	-	
60	22	10	300	150433	160172	-	
60	24	10	300	150434	160173	-	
60	26	12	300	150435	160174	-	

Note: The prices do not include the indicator.

### Capacity 60-80 t

				3 m (no Central Plate)			
					GALVANISED SUPP.	Surface: 10 mm smooth sheet	
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	
60	6	4	300	150436	160364	-	
60	8	6	300	150437	160365	-	
60	10	6	300	150438	160366	-	
80	12	6	300	150439	160367	-	
80	14	8	300	150412	160368	151247	
80	16	8	300	150394	160369	151248	
80	18	8	300	150413	160370	151249	
80	20	10	300	150447	160371	-	
80	21	10	300	150440	160372	-	
80	22	10	300	150441	160373	-	
80	24	10	300	150442	160374	-	
80	26	12	300	150443	160375	-	

Note: The prices do not include the indicator.

### Capacity 100 t

				3 m (no Central Plate)			
					GALVANISED SUPP.		
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code		
100	14	8	300	150457	160376		
100	16	8	300	150458	160377		
100	18	8	300	150459	160378		
100	20	10	300	150460	160379		
100	21	10	300	150461	160380		
100	22	10	300	150462	160381		
100	24	10	300	150463	160382		
100	26	12	300	150464	160383		

Note: The prices do not include the indicator.



## With Central Plate

These models include a bolted central plate that covers the gap between platforms. This solution enables uninterrupted vehicle passage, protects the load cell system from debris ingress, and, being removable, allows quick access to the interior for inspection and maintenance. It increases the overall durability of the system and improves daily operations.



# BPPCE EVO

### Capacity 30-60 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
30	6	4	300	150474	160163	150498	160480
30	8	6	300	150475	160164	150499	160481
30	10	6	300	150476	160165	150500	160482
60	12	6	300	150477	160166	150501	160483
60	14	8	300	150478	160167	150502	160484
60	16	8	300	150479	160168	150503	160485
60	18	8	300	150480	160169	150504	160486
60	20	10	300	150481	160170	150505	160487
60	21	10	300	150482	160171	150506	160488
60	22	10	300	150483	160172	150507	160489
60	24	10	300	150484	160173	150508	160490
60	26	12	300	150485	160174	150509	160491

Note: The prices do not include the indicator.

### Capacity 60-80 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
60	6	4	300	150486	160505	150510	160517
60	8	6	300	150487	160506	150511	160518
60	10	6	300	150488	160507	150512	160519
80	12	6	300	150489	160508	150513	160520
80	14	8	300	150490	160509	150514	160521
80	16	8	300	150491	160510	150515	160522
80	18	8	300	150492	160511	150516	160523
80	20	10	300	150493	160512	150517	160524
80	21	10	300	150494	160513	150518	160525
80	22	10	300	150495	160514	150519	160526
80	24	10	300	150496	160515	150520	160527
80	26	12	300	150497	160516	150521	160528

Note: The prices do not include the indicator.

### Capacity 100 t

				3,3 m (with Central Plate)		3,5 m (with Central Plate)	
					GALVANISED SUPP.		GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code	# Code	# Code
100	14	8	300	151171	165075	151179	165083
100	16	8	300	151172	165076	151180	165084
100	18	8	300	151173	165077	151181	165085
100	20	10	300	151174	165078	151182	165086
100	21	10	300	151175	165079	151183	165087
100	22	10	300	151176	165080	151184	165088
100	24	10	300	151177	165081	151185	165089
100	26	12	300	151178	165082	151186	165090

Note: The prices do not include the indicator.

## **BPPCE EVO XC**

### **CENTRAL STRUCTURE**

*Easy maintenance and cleaning  
of the joint between modules  
thanks to the removable central  
longitudinal section.*

## BPPCE EVO XC

### 3 m Weighbridges with Central Plate

The use of a central plate allows easier access for maintenance and cleaning of the weighbridge, ensuring that dust and debris do not interfere with measurements. This guarantees uninterrupted operation without unplanned maintenance.

As a new feature, we introduce the EVO XC series, which equips our 3-meter weighbridge with a 300 mm or 500 mm central plate, bringing the advantages of wider models to our more compact version.



# BPPCE EVO XC

#### Capacity 30-60 t

				EVO XC 3 m (Central Plate width 300 mm)	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151140	165058
30	8	6	300	151141	165059
30	10	6	300	151142	165060
60	6	4	300	151143	165061
60	8	6	300	151144	165062
60	10	6	300	151145	165063
60	12	6	300	151146	165064
60	14	8	300	151129	165065
60	16	8	300	151128	165067
60	18	8	300	151127	165068
60	20	10	300	151148	165069
60	21	10	300	151149	165070
60	22	10	300	151150	165071
60	24	10	300	151151	165072
60	26	12	300	151152	165073

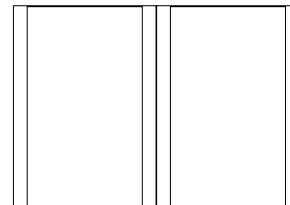
Note: The prices do not include the indicator.

#### Capacity 30-60 t

				EVO XC 3 m (Central Plate width 500 mm)	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	# Code	# Code
30	6	4	300	151030	163206
30	8	6	300	151031	163207
30	10	6	300	151032	163208
60	12	6	300	151033	163209
60	14	8	300	151034	163210
60	16	8	300	151035	163211
60	18	8	300	151036	163212
60	20	10	300	151037	163213
60	21	10	300	151038	163214
60	22	10	300	151039	163215
60	24	10	300	151040	163216
60	26	12	300	151041	163217

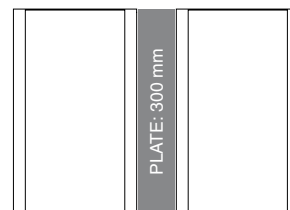
Note: The prices do not include the indicator.

BPPSE EVO (3m)

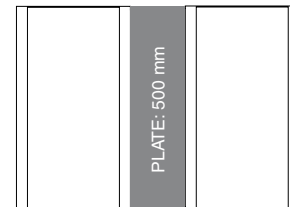


#### NEW

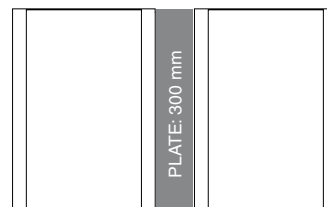
BPPSE EVO XC (3m)



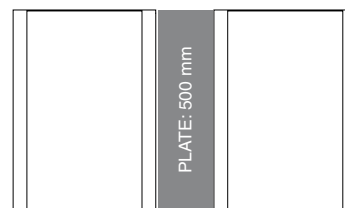
BPPSE EVO XC (3m)



BPPSE EVO (3,3m)



BPPSE EVO (3,5m)





# BPPCE EVO D

## Demand of use and Easy Transport.

The reinforced modular evolution, designed for applications on the ground and without civil engineering work.



## Specifications

### FEATURES

Height of the rolling surface	For weighbridges of 30 t, 60 t and 80 t: 300 mm version with Anchor Plates in a civil engineering or with casings.
Surface and Thickness of the Rolling Deck	For weighbridges of 30 t, 60 t and 80 t: Tear sheet of 6/8mm and plain sheet of 8 mm.
Access ramp	Necessary access ramps with a slope of 10%.
Finish	Paint finish: Two-component polyurethane, RAL 5004 blue. Entry/exit access covers painted in RAL 1004 yellow.
Screwing	8.8 Quality in zinc

### LOAD CELLS

Load Cells	Analog, Model G8R. 4000 d OIML R60 class C. IP69K Protection
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### STRUCTURE

#### Capacities 30 t - 60 t

- » Modules with profiles IPE-240, IPE-200 and IPE-180.
- » Headboards with handrails:  
For weighbridges with capacity of 30 t -60 t: 12 mm thick.

#### Capacity 80 t

- » Modules with profiles IPE-240, IPE-220 and IPE-200.
- » Headboards with handrails:  
For weighbridges with capacity of 60 t -80 t: 15 mm thick.

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).



## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Ángulos of entrada and salida.
- » Cubicles.
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm width.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.

## References 30-60 t

				3 m	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
30	6	4	300	150801	160733
30	8	6	300	150802	160734
30	10	6	300	150803	160735
60	6	4	300	150814	160746
60	8	6	300	150815	160747
60	10	6	300	150816	160748
60	12	6	300	150804	160736
60	14	8	300	150805	160737
60	15	8	300	150806	160738
60	16	8	300	150807	160739
60	18	8	300	150808	160740
60	20	10	300	150809	160741
60	21	10	300	150810	160742
60	22	10	300	150811	160743
60	24	10	300	150812	160744
60	26	12	300	150813	160745

Note: The prices do not include the indicator.

## References 80 t

				3 m	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
80	12	6	300	150817	160749
80	14	8	300	150818	160750
80	16	8	300	150820	160752
80	18	8	300	150821	160753
80	20	10	300	150822	160754
80	21	10	300	150823	160755
80	22	10	300	150824	160756
80	24	10	300	150825	160757
80	26	12	300	150826	160758

Note: The prices do not include the indicator.

# ACCESSORIES

## AND MAIN ADD-ONS FOR THE EVO SERIES

See all of them from page 61 onwards.

### Wiring

See page 63 for all cables required to install the weighbridge.

### Complement and Personalise

GALVANISED SUPP.

Description	Code #	Code #
Additional cable per meter	580025	-
Fixed stairs for above-ground installation of BPPCE EVO (1830 x 600 x 230 mm)	160550	163030
Fixed painted stairs for above-ground installation of BPPCE EVO (920 x 600 x 230 mm)	160628	163031
Metal ramps: 1000 mm (4 modules of 3000 x 1000 mm): <b>30-60-80 t and 3 m</b>	160084	160062
Metal ramps: 1500 mm (4 modules of 3000 x 1500 mm): <b>30-60-80 t and 3 m</b>	160085	160061
Metal ramps: 1650 mm (4 modules of 3000 x 1650 mm): <b>30-60-80 t and 3,3 m</b>	160161	160262
Metal ramps: 1750 mm (4 modules of 3000 x 1750 mm): <b>30-60-80 t and 3,3 m</b>	160162	160263
Metal ramps: 1000 mm (4 modules of 3000 x 1000 mm): <b>100 t and 3 m</b>	160086	160328
Metal ramps: 1500 mm (4 modules of 3000 x 1500 mm): <b>100 t and 3 m</b>	160088	160329

### Simple Cubicle

	NUMBER OF WEIGHBRIDGE LOAD CELLS				
	4	6	8	10	12
	Code #	Code #	Code #	Code #	Code #
Simple cubicle	160649	160650	160651	160652	160653
With factory-installed cells - Simple cubicle	160654	160655	160656	160657	160658
GALVANISED SUPP. - Simple cubicle	-	-	-	-	-

### Large Cubicle

UP TO 80 t CAPACITY

Consult price and availability  
for capacities of 100 t

	NUMBER OF WEIGHBRIDGE LOAD CELLS				
	4	6	8	10	12
	Code #	Code #	Code #	Code #	Code #
Large Cubicle	160016	160017	160018	-	-
With factory-installed cells - Large cubicle	-	-	-	-	-
GALVANISED SUPP. - Large cubicle	-	-	-	-	-

	NUMBER OF WEIGHBRIDGE LOAD CELLS			
	1	4	6	8
	Code #	Code #	Code #	Code #
Anchor Plates 650 x 300 x 15 mm	160207	160703	160704	160705

# INDUSTRIAL SERIES

**ROBUSTNESS AND PRECISION  
FOR DEMANDING INDUSTRIAL ENVIRONMENTS**

<b>BPGSH</b> 3 m   3,30 m	24
<b>BPSMH</b> 3 m   3,30 m   3,50 m	26
<b>BPBSH</b> 3 m	28
<b>BPCTH</b> 3,30 m	30
<b>BPCTH Embedded</b> 3,30 m	32
<b>BPCTH LW</b> 3,30 m	34
<b>BPTSE</b> 3 m   3,30 m	36
<b>BPPGSM</b> 3 m   3,30 m	38
<b>BPGMO</b> 3 m   3,30 m	40
<b>BPGEM</b> 3 m	42
<b>BPBSM</b> 3 m	44
<b>BPBEM</b> 3 m	46
<b>ACCESSORIES industrial series</b>	48



GIROPES) CE  

# BPGSH

## Extreme durability.

A dense reinforcing mesh gives a significantly higher level of durability compared to other scales.  
It is ideal for demanding environments.



## Specifications

### FEATURES

Height	Rolling surface: 305 mm
Access ramp	Necessary access ramps with a slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue. Access covers at entry/exit in RAL 1004 yellow.
Screwing	8.8 Quality in zinc
Formwork	With plastic
Mesh	Included
Installation	On-ground

### LOAD CELLS

Model	Stainless steel IP69K 4000 d OIML R60		
Load Cells	4 Load Cells	6 Load Cells	8 Load Cells
	G8R of 20 t	G8R of 25 t	G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 - 1500 - 1650 mm width (for 3,3 m model).

### FINISHES

- » SPECIAL PAINT. Beams and crossbars sandblasted and coated with special paint.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPGSH

**WIDTH**  
**3 - 3,3 m**

**CAPACITY**  
**30 - 60 t**

MIXED

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

Regimen of use:  
HIGH

To see all other available  
accessories see page 61

## References

				3 m		3,3 m	
				GALVANISED SUPP.		GALVANISED SUPP.	
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #	Code #	Code #
30	6	4	305	150078	160175	150282	160183
30	8	4	305	150079	160176	150283	160184
30	10	4	305	150077	160177	150091	160185
60	12	6	305	150080	160178	150471	160186
60	14	6	305	150072	160179	150081	160187
60	16	6	305	150073	160180	150275	160188
60	18	6	305	150074	160181	150089	160189
60	18	8	305	150075	160182	150088	160190
60	20	8	305	150746	-		
60	21	8	305	150747	-		
60	22	8	305	150748	-		
60	24	8	305	150090	-		
60	26	10	305	150749	-		

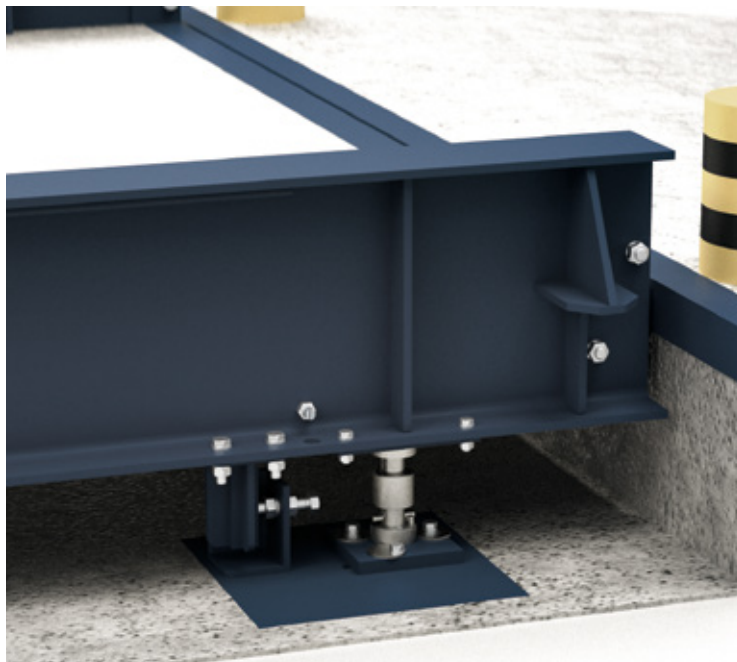
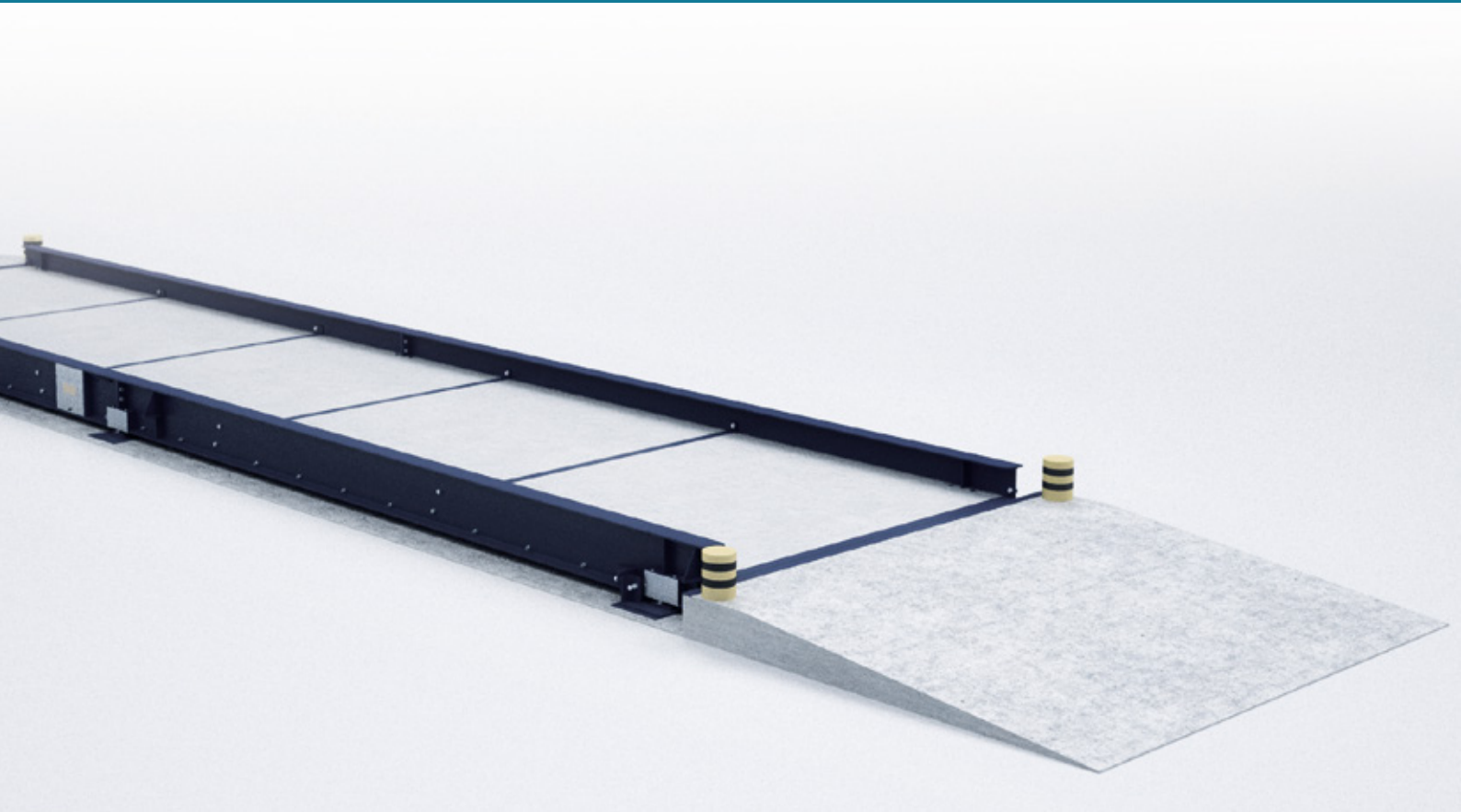
Note 1: The prices do not include the indicator. Note 2: The prices do not include the concrete foundation for the platform.



# BPSMH

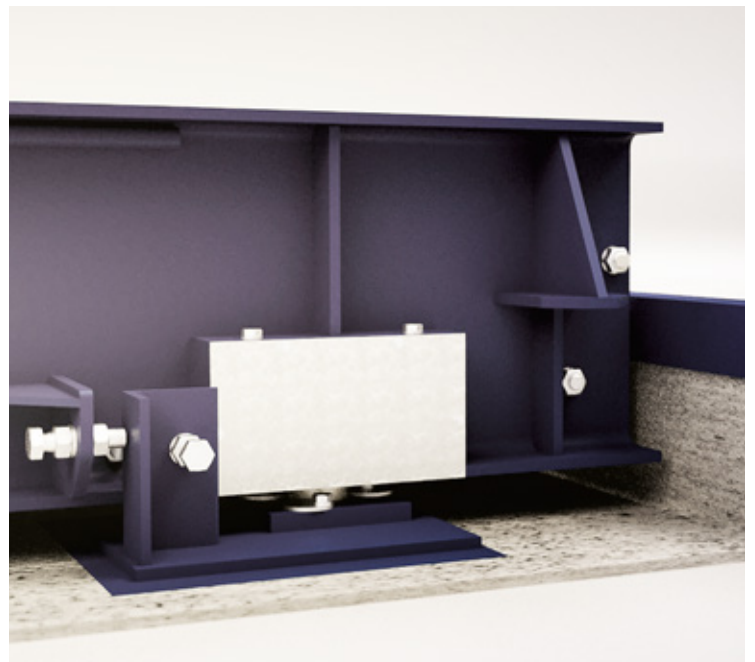
## 2 versions. BPSMH & BPSMH-BV.

A dense reinforcing mesh provides a much higher level of resistance than all other scales.



**BPSMH-BV**

With Load Cells under beam with a resulting Height of 475 mm.



**BPSMH**

With cut-out and a Height of 310 mm.

## Specifications

### FEATURES

	BPSMH	BPSMH-BV
Height (Rolling surface)	310 mm	475 mm
Access ramp	Necessary access ramps with a slope of 10%	
Finish	Two-component polyurethane paint in RAL 5004 blue. Access covers at entry/exit in RAL 1004 yellow.	
Screwing	8.8 Quality in zinc.	
Formwork	With plastic.	
Mesh	Included.	
Installation	On-ground.	

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60.
Load Cells	For weighbridges of 8 Load Cells: Model G8R of 25 t.

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm length.

### FINISHES

- » SPECIAL PAINT. Beams and crossbars sandblasted and coated with special paint.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPSMH

WIDTH  
**3 - 3,3 - 3,5m**

CAPACITY  
**60 t**

MIXED

UNIDIRECTIONAL

Installation:  
ON-GROUND

Regimen of use:  
HIGH

*To see all other available accessories see page 61*

## References

			BPSMH			BPSMH-BV		
						GALVANISED SUPP.		
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #	Height (mm)	Code #	Code #
3 m	60	14	6	310 150694	160581	475	150703	160590
	60	16	6	310 150695	160582	475	150704	160591
	60	18	6	310 150696	160583	475	150705	160592
	60	20	8	310 150750	-	-	-	-
	60	21	8	310 150751	-	-	-	-
	60	22	8	310 150752	-	-	-	-
	60	24	8	310 150753	-	-	-	-
3,3 m	60	26	10	310 150754	-	-	-	-
	60	14	6	310 150697	160584	475	150706	160593
	60	16	6	310 150698	160585	475	150707	160594
	60	18	6	310 150699	160586	475	150708	160595
	60	14	6	310 150700	160587	475	150709	160596
	60	16	6	310 150701	160588	475	150710	160597
	60	18	6	310 150702	160589	475	150711	160598

# BPBSH

## Ideal for demanding environments.

A mixed weighbridge, ideal for quarries and industrial applications. Its high resistance makes it perfect for demanding environments.



## Specifications

### FEATURES

Height of the rolling surface	For weighbridges of <b>60 t</b> : 340 mm. For weighbridges of <b>80 t</b> : 370 mm. For weighbridges of <b>100 t</b> : 400 mm.
Access ramp	Necessary access ramps with a slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue. Access covers at entry/exit in RAL 1004 yellow.
Screwing	8.8 Quality in zinc (Except bolts below M14 size).
Mesh	Included.
Shipping	Weighbridges measuring 14, 16, and 17.5 m in length can be shipped in a 20' Open Top container. For the 18 m-long weighbridge, a 40' Open Top container is required.
Installation	On-ground.

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60.
Load Cells	<b>For weighbridges of 8 Load Cells:</b> Model G8R of 20 t. Model G8R of 30 t. Model G8R of 40 t.

### STRUCTURE

Lengthinal beams:

- » For weighbridges of **60 t**: IPE-400.
- » For weighbridges of **80 t**: IPE-450.
- » For weighbridges of **100 t**: IPE-500.
- » Formwork with plastic.

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Cubicles (for weighbridges of 4, 6 and 8 Load Cells).
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm or 1500 mm length.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPBSH

WIDTH

**3 m**

CAPACITY

**60 - 100 t**

MIXED

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

Regimen of use: HIGH

To see all other available  
accessories see page 61

## References 60 t

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	3m
60	14	8	340	150006	
60	16	8	340	150009	
60	17,5	8	340	150267	
60	18	8	340	150012	

Note 1: The prices do not include the indicator. Note 2: The prices do not include the concrete foundation for the platform.

## References 80-100 t

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	3m	
						GALVANISED SUPP.
80	14	8	370	150005		160529
80	16	8	370	150008		160530
80	17,5	8	370	150337		160531
80	18	8	370	150011		160532
80	20	10	370	150784		-
80	21	10	370	150785		-
80	22	10	370	150786		-
80	24	10	370	150787		-
80	26	12	370	150788		-
100	14	8	400	150004		-
100	16	8	400	150007		-
100	17,5	8	400	150338		-
100	18	8	400	150010		-
100	20	10	400	150789		-
100	21	10	400	150790		-
100	22	10	400	150791		-
100	24	10	400	150792		-
100	26	12	400	150793		-

Note 1: The prices do not include the indicator. Note 2: The prices do not include the concrete foundation for the platform.



# BPCTH

## On-ground. Sturdy & tough.

The BPCTH on-ground includes a high resistance lath to bear a continuous use and a high weight.



## Specifications

### FEATURES

Height of the rolling surface	Weighbridges of 30-60 t: 340 mm Weighbridges of 80 t: 370 mm Weighbridges of 100 t: 400 mm
Rolling surface	Completely flat, without lateral beams as guide
Access ramp	Necessary access ramps with a slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue. Access covers at entry/exit in RAL 1004 yellow.
Screwing	8.8 Quality in zinc. (Except bolts below M14 size).
Formwork	With plastic.
Installation	On-ground.

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60.
Load Cells	For weighbridges of 4, 6 and 8 Load Cells: Model G8R of 20 t.

### STRUCTURE

Composed	3 concrete modules inside an IPE: For weighbridges of 30 and 60 t: IPE-270. For weighbridges of 80 t: IPE-300. For weighbridges of 100 t: IPE-330.
Rebars	Lengthinal and transversal ø20 mm. Rebars to avoid the beams opening.
Mesh	Double lower sheet of mash of 150 x 150 x ø10 mm and superior sheet of mash of 150 x 150 x ø5 mm. *The ø20 mm rebars and the mesh are supplied with the weighbridge.

### ELECTRONIC

- » ABS junction box of 4 - 8 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Headboards. To lean the access ramps.
- » Bearing guides. To orient the vehicle.
- » Metal ramps of 1500 and 1650 mm.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.

## →BPCTH ON-GROUND

- > Concrete-filled weighbridges with a 3.30 m-wide rolling surface for on-ground installation. Unidirectional use.
- > The structure is a metal profile frame that is assembled and concreted at the weighbridge's final location, resulting in a total width of 3.30 m. The frame includes a full mesh for concreting.

## References 30-60 t

GALVANISED SUPP.

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
30	6	4	340	150041	160191
30	8	6	340	150042	160192
30	10	6	340	150025	160193
60	12	6	340	150026	160194
60	14	8	340	150029	160195
60	16	8	340	150033	160197
60	18	8	340	150038	160198
60	20	10	340	150755	-
60	21	10	340	150756	-
60	22	10	340	150757	-
60	24	10	340	150758	-
60	26	12	340	150759	-

Note: The prices do not include the indicator.

Note 2: The prices do not include the concrete foundation for the platform.

## References 80-100 t

GALVANISED SUPP.

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
80	12	6	370	150760	-
80	14	8	370	150028	160384
80	16	8	370	150032	160385
80	18	8	370	150037	160386
80	20	10	370	150761	-
80	21	10	370	150762	-
80	22	10	370	150763	-
80	24	10	370	150764	-
80	26	10	370	150765	-
100	12	6	400	150766	-
100	14	8	400	150027	160387
100	16	8	400	150031	160388
100	18	8	400	150036	160389
100	20	10	400	150767	-
100	21	10	400	150768	-
100	22	10	400	150769	-
100	24	10	400	150770	-
100	26	10	400	150771	-

Note: The prices do not include the indicator.

Note 2: The prices do not include the concrete foundation for the platform.



# BPCTH

WIDTH

**3,3 m**

CAPACITY

**30 - 100 t**

MIXED

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

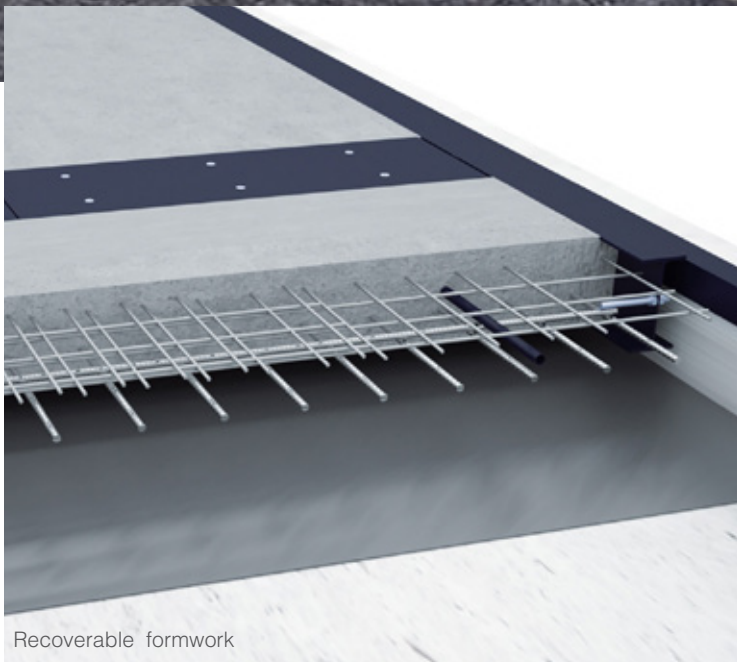
Regimen of use:  
HIGH

To see all other available  
accessories see page 61

# BPCTH Embedded

**Pit assembly, available in 2 versions.**

The different possibilities of the in-built weighbridge allow the customer to decide if they want to remove the plate or not during the assembly process.



Recoverable formwork



Collaborating sheet



## Specifications

### FEATURES

Height of the rolling surface	360 mm
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc. (Except bolts below M14 size).
Formwork	With plastic.
Installation	Pit assembly.

### LOAD CELLS

Model	Stainless steel. 4000 d OIML R60. IP69K Protection.
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### STRUCTURE

Composed	Lengthinal beams made of IPE 270 profiles. Transverse modules 500 mm wide, using IPE 240 profiles. Removable smooth steel plate, 10 mm thick.
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### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Anchor Plates.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPCTH

WIDTH

**3,3 m**

CAPACITY

**30 - 60 t**

MIXED or  
CONCRETE (On-site)

OMNIDIRECTIONAL or  
UNIDIRECTIONAL (Two-way)

Installation: PIT ASSEMBLY

Regimen of use: HIGH

2 versions:  
- FORMWORK RECOVERABLE  
- COLLABORATING SHEET  
(Allows on-site concreting)

To see all other available  
accessories see page 61

## References

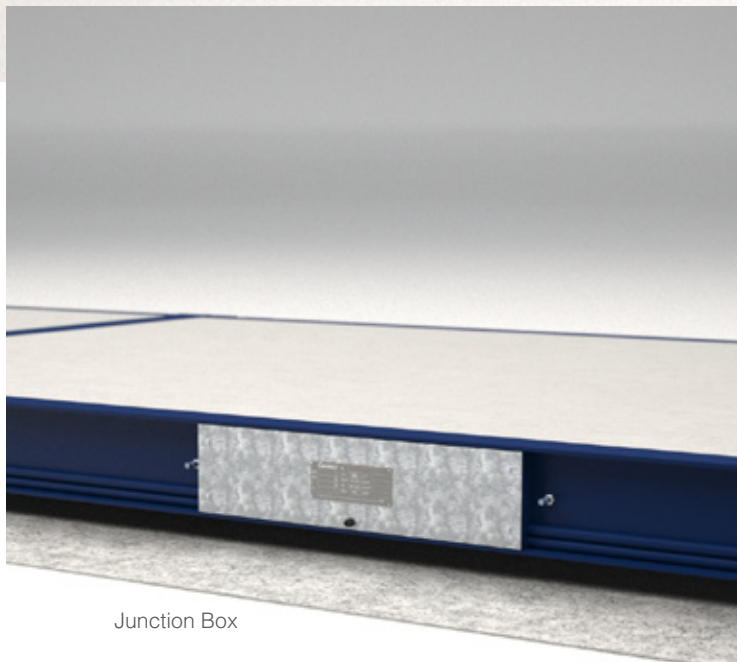
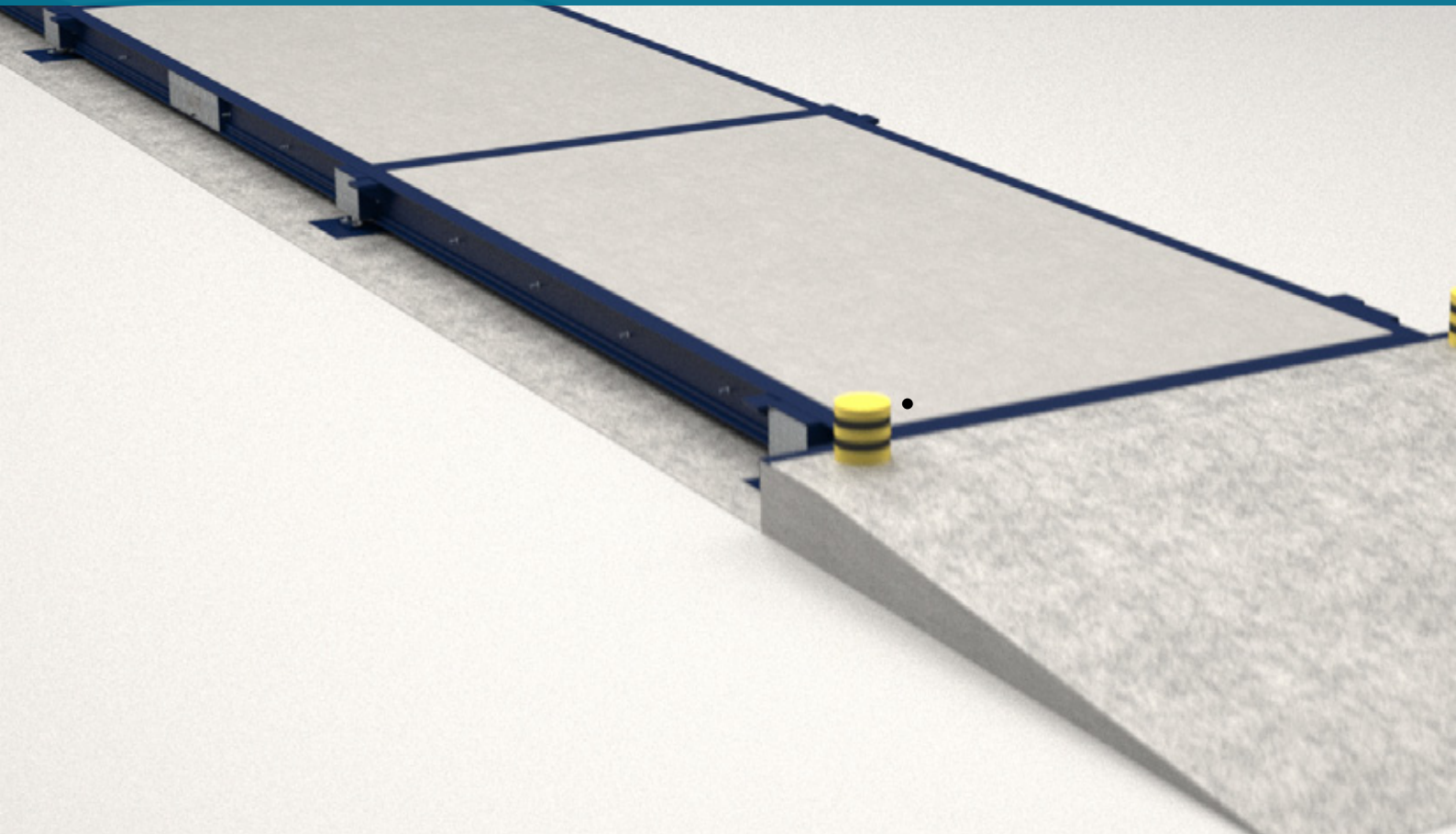
			RECOVERABLE FORMWORK			COLLABORATING SHEET		
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	GALVANISED SUPP. Code #	Height (mm)	Code #	GALVANISED SUPP. Code #
30	6	4	360	150371	160191	360	150379	160191
30	8	6	360	150372	160192	360	150380	160192
30	10	6	360	150373	160193	360	150381	160193
60	12	6	360	150374	160194	360	150382	160194
60	14	8	360	150375	160195	360	150383	160195
60	15	8	360	150376	160196	360	150384	160196
60	16	8	360	150377	160197	360	150385	160197
60	18	8	360	150378	160198	360	150386	160198

Note 1: The prices do not include the indicator. Note 2: The prices do not include the concrete foundation for the platform.

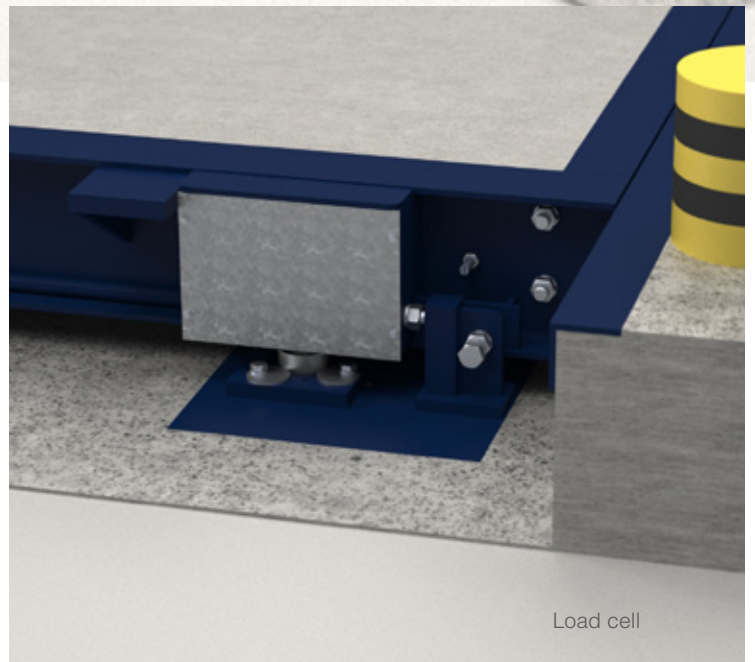
# BPCTH LW

**For smaller vehicles.**

Resource optimisation in the creation of Mesh for use with smaller vehicles.



Junction Box



Load cell

## Specifications

### FEATURES

Height of the rolling surface	340 mm
Surface of Rolling Deck	Completely flat, with no side beams used as guides.
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size)
Access ramp	Necessary access ramps with a slope of 10%
Installation	On-ground

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60
Load Cells	For weighbridges of 4,6 and 8 Load Cells: Model G8R of 20 t.

### STRUCTURE

Composition	3 concrete modules. Frame IPE 270
Rebars	Ø16 mm Lengthinal and transversal rebars to prevent opening
Mesh	150x150xØ10 mm * Ø20 mm rebars and mesh are included in our supply. *Weighbridge mesh included.
Formwork	With plastic

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).



# BPCTH LW

WIDTH

**3,3 m**

CAPACITY

**60 t**

MIXED

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

Regimen of use:  
HIGH

*To see all other available  
accessories see page 61*

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground weighbridges).
- » Headboards. To lean the access ramps.
- » Bearing guides. To orient the vehicle.
- » Metal ramps of 1650 mm length.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.

## References

				3,3 m	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
60	14	8	340	150712	160599
60	16	8	340	150713	160600
60	18	8	340	150714	160601

Note: The prices do not include the indicator.

Note 2: The prices do not include the concrete foundation for the platform.



GIROPES) CE  

# BPTSE

**With a central plate that provides access.**

A weighbridge with a removable central sheet, which allows the pit to be easily cleaned. Ideal for demanding environments.



## Specifications

### FEATURES

Height of the rolling surface	300 mm
Access ramp	For on-ground installation: slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size)
Installation	Pit Assembly or On-ground

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60
Load Cells	For weighbridges of 60 t: Model G8R of 30 t For weighbridges of 30 t: Model G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73,
- » Load Cells C16. See page 76

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground weighbridges)
- » Perimeter angle for the pit end (pit assembly installations)
- » Headboards. To lean the access ramps
- » Metal ramps of 1000 mm | 1500 mm | 1650 mm of Length
- » Bearing guides for orientar el vehículo (version ON-GROUND).

### FINISHES

- » SPECIAL PAINT. Beams and crossbars sandblasted and coated with special paint.
- » GALVANIZED. The corrosion-resistant galvanized finish ensures low maintenance and long service life.



# BPTSE

WIDTH

**3 - 3,3 m**

CAPACITY

**30 - 60 t**

MIXED or  
CONCRETE HA-30  
(en fábrica)

OMNIDIRECTIONAL or  
UNIDIRECTIONAL (Two-way)

Installation:  
PIT ASSEMBLY or  
ON-GROUND

Regimen of use: HIGH

CENTRAL PLATE  
(to access the interior)

*To see all other available  
accessories see page 61*

## References

Capacity (t)	Length (m)	No. of Cells	Height (mm)	3 m				3,3 m			
				GALVANISED SUPP.				GALVANISED SUPP.			
				Code #		Code #		Height (mm)	Code #		Code #
30	6	4	300	150171		160199		-	-		-
30	8	6	300	150172		160200		-	-		-
30	10	6	300	150165		160201		-	-		-
60	12	6	300	150166		160202		-	-		-
60	14	8	300	150167		160203		300	150544		160599
60	16	8	300	150168		160204		300	150307		160600
60	18	8	300	150169		160205		300	150271		160601

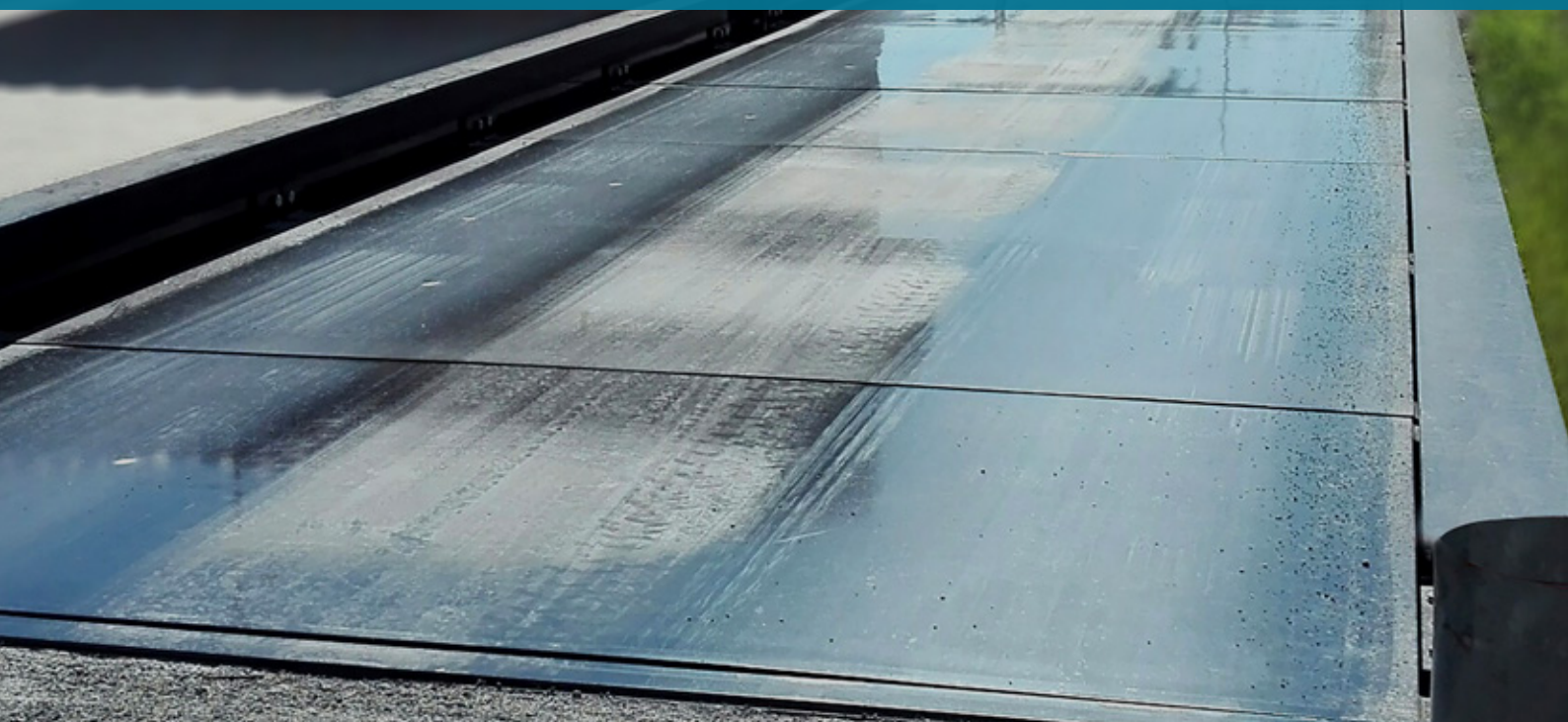
Note: The prices do not include the indicator.



# BPGSM

**Easy to clean. Ideal for dusty environments.**

Modular weighbridge with smooth top plate. Robust design and modular structure for easy transport and installation.



## Specifications

### FEATURES

Height of the rolling surface	For weighbridges of 30 t a 60 t: 290/310 mm For weighbridges of 80 t: 330 mm. For weighbridges of 100 t: 360 mm
Surface	Plain sheet
Thickness	For weighbridges of 30 t a 80 t: Thickness of 10 mm For weighbridges of 100 t: Thickness of 12 mm
Access ramp	Necessary access ramps with a slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size)
Installation	On-ground

### LOAD CELLS

Model	Stainless steel IP69K 4000 d OIML R60
Load Cells	For weighbridges of 30 t: Model G8R of 20 t For weighbridges of 60 t: Model G8R of 20 t For weighbridges of 80 t: Model G8R of 30 t For weighbridges of 100 t: Model G8R of 40 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).



## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground weighbridges).
- » Cubicles.
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000, 1500 and 1650 mm (for ref. of 3,3 m) width.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANIZED. The corrosion-resistant galvanized finish ensures low maintenance and long service life.

				Width	
				3 m	3,3 m
References 30-60 t					
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
30	6	4	290	150111	150329
30	8	4	290	150113	150330
30	10	4	290	150109	150328
60	12	6	310	150093	150325
60	14	6	310	150097	150326
60	16	6	310	150101	150299
60	18	6	310	150106	150327

Note: The prices do not include the indicator.

## References 60-80-100 t

				3 m	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
60	20	8	315	150741	-
60	21	8	315	150742	-
60	22	8	315	150743	-
60	24	8	315	150744	-
60	26	10	315	150745	-
80	12	6	330	150772	-
80	14	8	330	150095	160533
80	16	8	330	150100	160534
80	17,5	8	330	150342	160535
80	18	8	330	150104	160536
80	20	10	330	150773	-
80	21	10	330	150774	-
80	22	10	330	150775	-
80	24	10	330	150776	-
80	26	10	330	150777	-
100	12	6	330	150778	-
100	14	8	330	150094	-
100	16	8	330	150098	-
100	17,5	8	330	150343	-
100	18	8	330	150103	-
100	20	10	330	150779	-
100	21	10	330	150780	-
100	22	10	330	150781	-
100	24	10	330	150782	-
100	26	12	300	150783	-

Note: The prices do not include the indicator.



# BPGSM

WIDTH

**3 - 3,30 m**

CAPACITY

**30 - 100 t**

METAL

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

Regimen of use:  
HIGH

To see all other available  
accessories see page 61

# BPGMO

**Easy to clean. Agility in transport.**

Designed for demanding environments, with a removable central modular structure that facilitates pit cleaning and installation.



## Specifications

### FEATURES

<b>Surface</b>	In 6/8 mm thick tear plate
<b>Access ramp</b>	For on-ground installation. Slope of 10%
<b>Finish</b>	Two-component polyurethane paint in RAL 5004 blue.
<b>Screwing</b>	8.8 Quality in zinc
<b>Installation</b>	On-ground or pit assembly

### LOAD CELLS

<b>Model</b>	Stainless steel IP69K 4000 d OIML R60
<b>Load Cells</b>	For weighbridges of 60 t: Model G8R of 20 t For weighbridges of 30 t: Model G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles (for weighbridges of 4, 6 and 8 Load Cells).
- » Headboards. To lean the access ramps.
- » Metal ramps of 1000 mm | 1500 mm | 1650 mm width.

### ACCESSORIES SOBRE LA STRUCTURE

Bearing guides. To orient the vehicle.

### FINISHES

SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.



# BPGMO

WIDTH

**3 - 3,30 m**

CAPACITY

**30 - 60 t**

METAL

WITH CENTRAL PLATE  
for access to the interior

OMNIDIRECTIONAL or  
UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND or  
PIT ASSEMBLY

Regimen of use:  
HIGH

*To see all other available  
accessories see page 61*

## References

Capacity (t)	Length (m)	No. of Cells	Height (mm)	3 m	3,3 m
				Code #	Code #
30	6	4	330	150070	-
30	8	6	330	150071	-
30	10	6	330	150057	-
60	12	6	330	150063	-
60	14	8	330	150065	150541
60	16	8	330	150067	150542
60	18	8	330	150069	150543

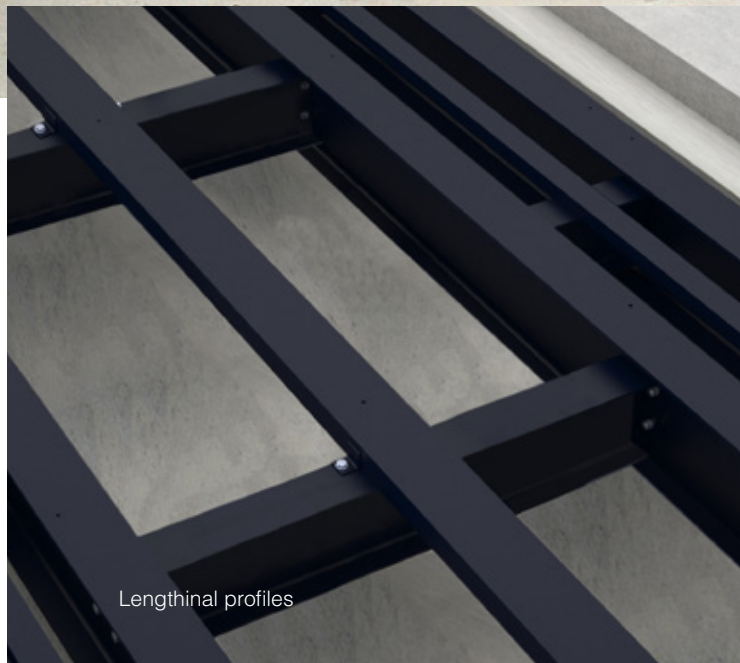
Note: The prices do not include the indicator.



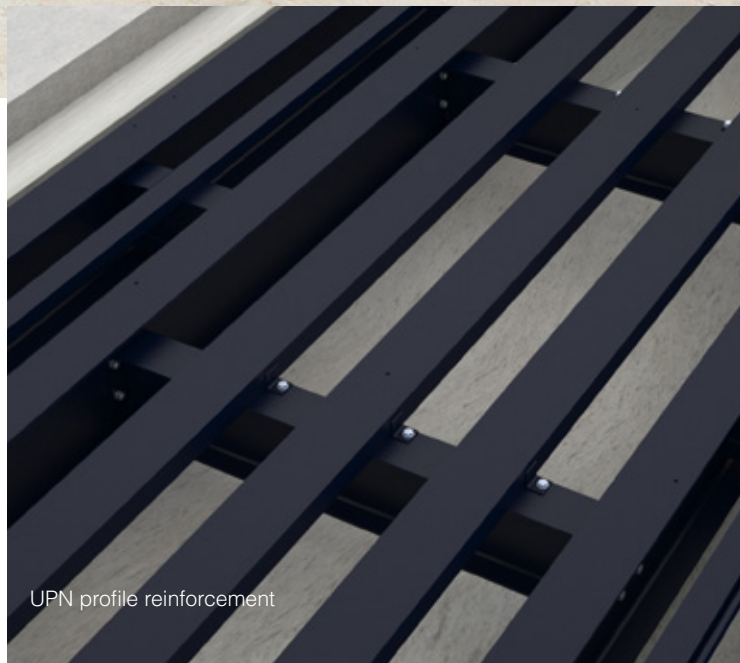
# BPGEM

**Robust and versatile design.**

Option to reinforce the weighbridge with two Lengthinal UPN profiles, enabling bidirectional operation.



Lengthinal profiles



UPN profile reinforcement

## Specifications

### FEATURES

<b>Pit Depth</b>	420   510   550 mm
<b>Surface</b>	Plain sheet of 10 mm thick
<b>Finish</b>	Two-component polyurethane paint in RAL 5004 blue.
<b>Screwing</b>	8.8 Quality in zinc (Except bolts below M14 size)
<b>Installation</b>	Pit Assembly

### LOAD CELLS

<b>Load Cells</b>	Analog, Model G8R. 4000 d OIML R60 class C. IP69K Protection
-------------------	---

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.

### REINFORCEMENT WITH TWO LENGTHINAL UPN PROFILES

In the central area to enable bidirectional use of the weighbridge

Description	Code #
Two central U-section reinforcements 6 x 3 m	160096
Two central U-section reinforcements 8 x 3 m	160097
Two central U-section reinforcements 10 x 3 m	160091
Two central U-section reinforcements 12 x 3 m	160092
Two central U-section reinforcements 14 x 3 m	160093
Two central U-section reinforcements 16 x 3 m	160094
Two central U-section reinforcements 18 x 3 m	160095

## References

				3 m
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #
30	6	4	420	150051
30	8	4	420	150052
30	10	4	420	150050
60	12	6	510	150053
60	14	6	510	150054
60	16	6	510	150055
60	18	6	550	150056

Note: The prices do not include the indicator.



# BPGEM

WIDTH

**3 m**

CAPACITY

**30 - 60 t**

METAL

OMNIDIRECTIONAL or  
UNIDIRECTIONAL  
(Two-way operation  
available by adding two  
optional UPN reinforcement  
profiles)

Installation:  
PIT ASSEMBLY

Régimen de utilización  
estándar: MEDIO  
HIGH (with reinforcement)

To see all other available  
accessories see page 61



# BPBSM

**Metal design with extreme resistance.**

Design with easy-to-clean plain sheet and the option of a special finish to enhance durability in harsh environments.



Special finishes.  
Suitable for marine environments.



## Specifications

### FEATURES

Height of the rolling surface	310 mm
Lengthinal beams	IPE-400
Surface	Plain sheet of 10 mm thick
Access ramp	Necessary access ramps with a slope of 10%
Finish	By default: Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size)
Installation	On-ground

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60
Load Cells	For weighbridges of 60 t. Model G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground installations).
- » Anchor Plates.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.



# BPBSM

WIDTH

**3 m**

CAPACITY

**60 t**

METAL

UNIDIRECTIONAL  
(Two-way)

Installation:  
ON-GROUND

Regimen of use: HIGH

*To see all other available  
accessories see page 61*

## References

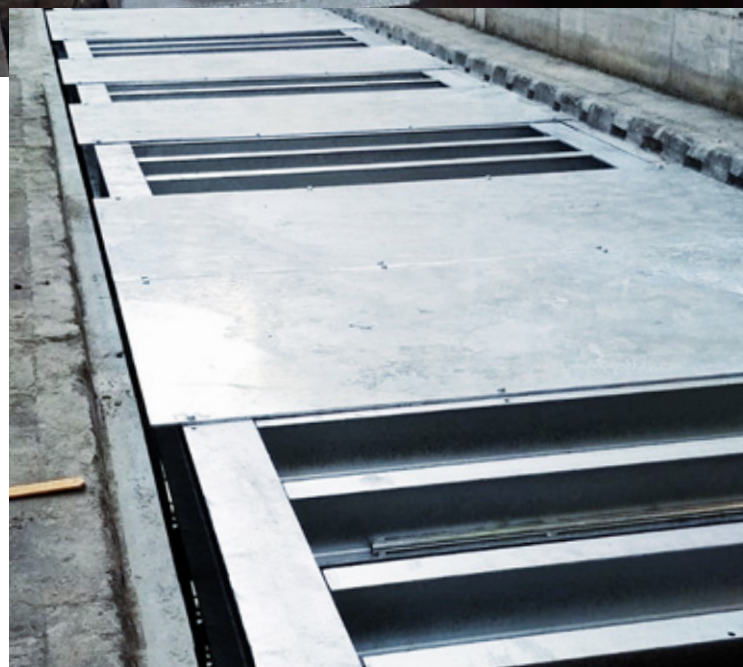
				3 m
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #
60	14	8	310	150016
60	16	8	310	150019
60	18	8	310	150023
60	20	10	310	150736
60	21	10	310	150737
60	22	10	310	150738
60	24	10	310	150739
60	26	12	310	150740

Note: The prices do not include the indicator.

# BPBEM

**Durability and flexibility.**

Pit assembly, perfect for locations where on-ground installation is difficult. Optional finishes available.



## Specifications

### STRUCTURE

Structure composed of two IPE 400 Lengthinal beams. These beams are transversely connected by IPE 200 beams every 500 mm, with the top flanges of both profiles aligned at the same level. The IPE 400 beams are also connected at the bottom with transverse tie rods to prevent the weighbridge from opening. The weighbridge includes both lateral and Lengthinal movement stops. Access to the load cells and movement stops is provided through removable plates on the rolling surface.

### FEATURES

<b>Surface</b>	Plain sheet of 10 mm thick
<b>Finish</b>	Two-component polyurethane paint in RAL 5004 blue.
<b>Screwing</b>	8.8 Quality in zinc (Except bolts below M14 size)
<b>Installation</b>	Pit Assembly

### LOAD CELLS

<b>Model</b>	Stainless steel IP69K. 4000 d OIML R60
<b>Load Cells</b>	For weighbridges of 4 Load Cells: Model G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection.
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73.
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76.

### CIVIL ENGINEERING ACCESSORIES

- » Perimeter angle for the pit end (pit assembly installations).
- » Cubicles.

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# BPBEM

WIDTH

**3 m**

CAPACITY

**60 t**

METAL

OMNIDIRECTIONAL

Installation:  
PIT ASSEMBLY

Regimen of use: HIGH

*To see all other available accessories see page 61*

## References

				3 m	
					GALVANISED SUPP.
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #
60	14	8	645	150001	-
60	16	8	645	150002	-
60	18	8	645	150003	-

Note: The prices do not include the indicator.



# ACCESSORIES

## AND MAIN ADD-ONS FOR THE INDUSTRIAL SERIES

See all of them from page 61 onwards.

### Wiring

See page 63 for all cables required to install the weighbridge.

### Complement and Personalise

GALVANISED SUPP.

Description	Code #	Code #
Additional cable per meter	580025	-
Fixed stairs for on-ground weighbridges BPGSM, BPGSH, BPBSM and BPBSH	160660	-

### Metal Ramps for BPGSM

GALVANISED SUPP.

Description	Capacity (t)	Ramp width (mm)	Code #	Code #
Metal ramps (set of 4 modules)	30-60-80	1000	165147	165147
Metal ramps (set of 4 modules)	30-60-80	1500	165148	165148
Metal ramps (set of 4 modules)	100	1000	165149	165149
Metal ramps (set of 4 modules)	100	1500	165150	165150

### Large Cubicle

UP TO 80 t CAPACITY

Consult price and availability  
for capacities of 100 t

#### NUMBER OF WEIGHBRIDGE LOAD CELLS

	4	6	8	10	12
Code #	Code #	Code #	Code #	Code #	Code #
Large Cubicle	160016	160017	160018	-	-
With factory-installed cells - Large cubicle	-	-	-	-	-
GALVANISED SUPP. - Large cubicle	-	-	-	-	-

### Anchor Plates

#### Number of weighbridge load cells

	1	4	6	8
Code #	Code #	Code #	Code #	Code #
Anchor Plates 500 x 500 x 15 mm	160206	160009	160010	160011
Simple cubicle 500 x 500 x 15 mm	160558	160706	160707	160708
Anchor Plates 650 x 300 x 15 mm	160207	160703	160704	160705

# OTHER WEIGHBRIDGES BASED ON APPLICATION

VERSATILITY AND PRECISION  
FOR SPECIALIZED WEIGHING APPLICATIONS

<b>Light vehicles weighbridge B8C</b> 2,3 m   2,50 m	50
<b>Container weighbridge BPGEM</b> 2,7 m	52
<b>Portable container weighbridge CWS 40-20</b> 2,7 m	54
<b>Dumper weighbridge BPXL</b> 2 m   3 m   4 m	56
<b>Axle weighbridge BPPEM</b> 3 m	58
<b>Rail weighbridge</b>	60



# B8C Light Vehicles

**On-ground or pit assembly.**

Weighbridge for weighing vans and other light vehicles.

Can be surface or pit mounted.





# Specifications

## FEATURES

Surface	Tear plate of 6/8 mm thick
Access ramp	For on-ground installation: slope of 10%
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc

## LOAD CELLS

Model	Bending beam Load cells		
Load Cells	Weighbridges of 6 t	Weighbridges of 10 t	Weighbridges of 15 t
	Load Cells of 3 t	Load Cells of 5 t	Load Cells of 5 t

## ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### CIVIL ENGINEERING ACCESSORIES

- » Entry and exit angles (on-ground weighbridges)
- » Perimeter angle for the pit end (pit assembly installations)
- » Metal ramps for weighbridges of 2,3 m width.
- » Metal ramps for weighbridges of 2,5 m width.

### FINISHES

- » SPECIAL PAINT. Beams and crossbars sandblasted and coated with special paint.
- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.



# B8C

WIDTH

**2,3 - 2,5 m**

CAPACITY

**6 - 15 t**

METAL

OMNIDIRECTIONAL or  
UNIDIRECTIONAL

Installation:  
PIT ASSEMBLY or  
ON-GROUND

*To see all other available  
accessories see page 61*

## Complement and Personalise

GALVANISED SUPP.

Description	Code #	Code #
Entry and exit angle for the concrete ramps for weighbridges of 2,3 m width	160119	163111
Entry and exit angle for the concrete ramps for weighbridges of 2,5 m width	160120	163112
Perimeter angle for the ending of the pit for weighbridges of 5 x 2,3 m	160121	163113
Perimeter angle for the ending of the pit for weighbridges of 5 x 2,5 m	160122	163114
Perimeter angle for the ending of the pit for weighbridges of 6 x 2,3 m	160123	163115
Perimeter angle for the ending of the pit for weighbridges of 6 x 2,5 m	160124	163116
Perimeter angle for the ending of the pit for weighbridges of 8 x 2,3 m	160125	163117
Perimeter angle for the ending of the pit for weighbridges of 8 x 2,5 m	160126	163118
CE approval		see page 116
Metal ramps for weighbridges of 2,3 m width (Entry and exit set)	160127	163119
Metal ramps for weighbridges of 2,5 m width (Entry and exit set)	160128	163120

## References

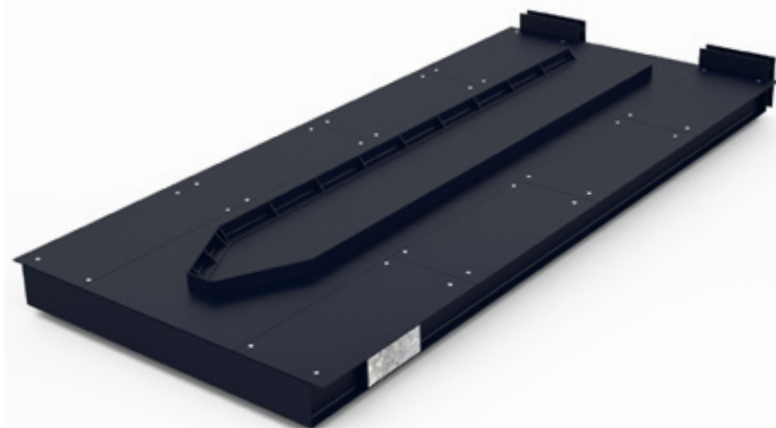
				2,3 m		2,5 m	
				GALVANISED SUPP.		GALVANISED SUPP.	
Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #	Code #	Code #	Code #
6	5	4	200	150248	163121	150250	163124
10	5	4	200	150249	163121	150251	163124
6	6	4	200	150252	163122	150254	163125
10	6	4	200	150253	163122	150255	163125
10	8	6	200	150256	163123	150258	163126
15	8	6	200	150257	163123	150259	163126

Note: The prices do not include the indicator.

# BPGEM Containers

**Reinforced structure with high strength.**

Full weighing surface over the entire platform area. Rolling and support zones strengthened with beams to prevent structural deformation.



## Specifications

### FEATURES

Height	350 mm
Surface	Plain sheet of 10 mm thick. The full platform surface is usable for weighing.
Installation	The weighbridge and the pit frame are supplied as a single unit (6 × 2.5 m), requiring no special transport. Install, fix, and weigh.
Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size).

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60
Load Cells	For weighbridges of 4 Load Cells Model G8R of 20 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### LOAD CELLS

- » Digital Load Cells G8RD/G8RD Dual. See page 72-73
- » Load Cells GIP/GIPD. See page 74-75.
- » Load Cells C16. See page 76

### FINISHES

- » SPECIAL PAINT: Gushed surface, beams, cross-beams with special paint as per customer specifications.

## Complement and Personalise

Description	Code #
Additional cable per meter	580025

## References

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #
30	6	4	350	150281

Note: The prices do not include the indicator. Note 2: cons. the capacity of each model if CE approval is required.



## BPGEM CONTENEDORES

WIDTH

**2,7 m**

CAPACITY

**30 t**

METAL

Especially designed for  
weighing containers

UNIDIRECTIONAL  
(One-way)

Installation:  
ON-GROUND

To see all other available  
accessories see page 61

## → BPGEM

- » A central metal guide helps position the container correctly on the platform.
- » The rolling and support area is reinforced with beams to prevent deformation of the top plate.
- » End stops are included to prevent the container from slipping off during placement.
- » The load cells are positioned inside the structure, keeping them protected from dirt and debris.



# CWS 40-20

## Portable container weighbridge.

With two mounting options that allow transport by forklift.  
Ideal for adapting the weighing system to the SOLAS convention.



INSTALLATION WITH PIT FRAME  
CWS model with integrated pit frame  
for fast installation on any surface.  
No Anchor Plates required.



## Specifications

### FEATURES

Finish	Two-component polyurethane paint in RAL 5004 blue.
Screwing	8.8 Quality in zinc (Except bolts below M14 size)

### LOAD CELLS

Model	Stainless steel IP68. 4000 d OIML R60
Load Cells	G3S shear beam load cells of 10 t. G3i shear beam load cells of 10 t. Completely stainless steel construction

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## Optional

### FINISHES

- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.

## Complement and Personalise

Description	Code #
Additional cable per meter	580025

## References

Capacity (t)	Length (m)	No. of Cells	Height (mm)	Code #
32	6	4	377	150333
35	12	6	377	150334

Note: The prices do not include the indicator. Note 2: cons. the capacity of each model if CE approval is required.



# CWS<sup>40-20</sup>

WIDTH

**2,7 m**

CAPACITY

**32 - 35 t**

### → CWS20

Lightweight weighing platform with 4 load cells, designed to weigh a 20' container placed on the platform, supported at its four corners.

### → CWS40

To weigh 40' containers, two detachable platforms are used side by side, forming a weighing system with 6 load cells.

*Both the CWS20 and CWS40 models can also be used as portable solutions, allowing transport to a new weighing location using a forklift or slings.*

# BPXL Dumper weighbridge

Ultra-robust and highly precise.

Designed to weigh axles of ultra-heavy dumpers (up to 600 t), with reinforced, adaptable modules. Integrates with automated systems for fast, operator-free weighing in extreme industrial conditions.



## Specifications

### FEATURES

Height of the rolling surface	PAD of 50 t	PAD of 100 t	PAD of 150 t
	315 mm	395 mm	415 mm
	Versions with cubicles		
Surface	Plain sheet. Optional teardrop plate		
Structure	HEB profiles and a perimeter frame with UPN profiles		
Thickness	For PADs of 50 t: Thickness of 12 mm		
	For PADs of 100 t to 150 t: Thickness of 15 mm		
Finish	Two-component polyurethane paint in RAL 5004 blue.		
Screwing	8.8 Quality in zinc (Except bolts below M14 size)		
Installation	On-ground or pit assembly		

### LOAD CELLS

Model	Stainless steel IP69K. 4000 d OIML R60		
Load Cells	PAD of 50 t	PAD of 100 t	PAD of 150 t
	4 Load Cells Model G8R of 20 t	4 Load Cells Model G8R of 40 t	6 Load Cells Model G8R of 40 t

### ELECTRONIC

- » GBOX8 Hermetic 8 load cells Junction Box.
- » 15 m of cable connection from the weighbridge to the indicator.
- » It is advisable to install a ground connection according to the regulations of each country.



## Optional

### LOAD CELLS

- » Digital Load Cells G8RD / Dual 20 t or 40 t. 4000D OIML R60 CLASS C. IP69K PROTECTION. See page 68.

### JUNCTION BOX

- » ABS WBOX, IP68-rated, hermetically sealed for 4 load cells.
- » GBOX8D, sealed junction box for 8 load cells.

### CALIBRATOR

- » Press unit calibrator for on-site scale adjustment.

### RAMPS

- » Metal ramps of 1000mm or 1500 mm width.

### GROUNDING CONNECTION

- » Not included in the weighbridge supply.

### VERIFICATION

- » Factory CE verification.

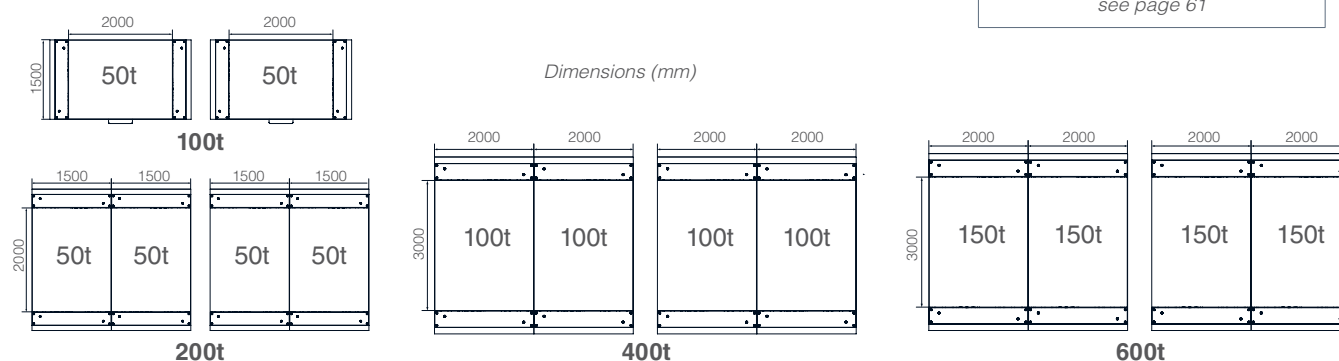
### FINISHES

- » GALVANISED: The galvanised finition resists corrosion, ensuring maintenance and longevity.
- » SPECIAL PAINT: Finished painted C4M-C5M class.

### PAD COMBINATIONS

Capacity	100 t	200 t	400 t	600 t
PAD units per axle	2	4	4	4
PAD model	BPXL 50 t	BPXL 50 t	BPXL 100 t	BPXL 150 t
PAD dimensions (mm)	1500 x 2000	2000 x 3000	3000 x 4000	3000 x 4000
PAD units per wheel	1	2	2	2

Note: The pad combinations shown are formulated as a more standard example. Please contact us for other configurations.



GIROPES



**BPXL**  
DUMPER  
WEIGHBRIDGE

WIDTH

**2 - 4 m**

CAPACITIES

**100 - 600t**

METAL

OMNIDIRECTIONAL or  
UNIDIRECTIONAL (two-way)

Installation:  
PIT ASSEMBLY or  
ON-GROUND

STATIC or DYNAMIC  
WEIGHING (low speed)

Regimen of use: HIGH

To see all other available accessories  
see page 61

## Complement and Personalise

Description	Code #
Additional cable per meter	580025

## References

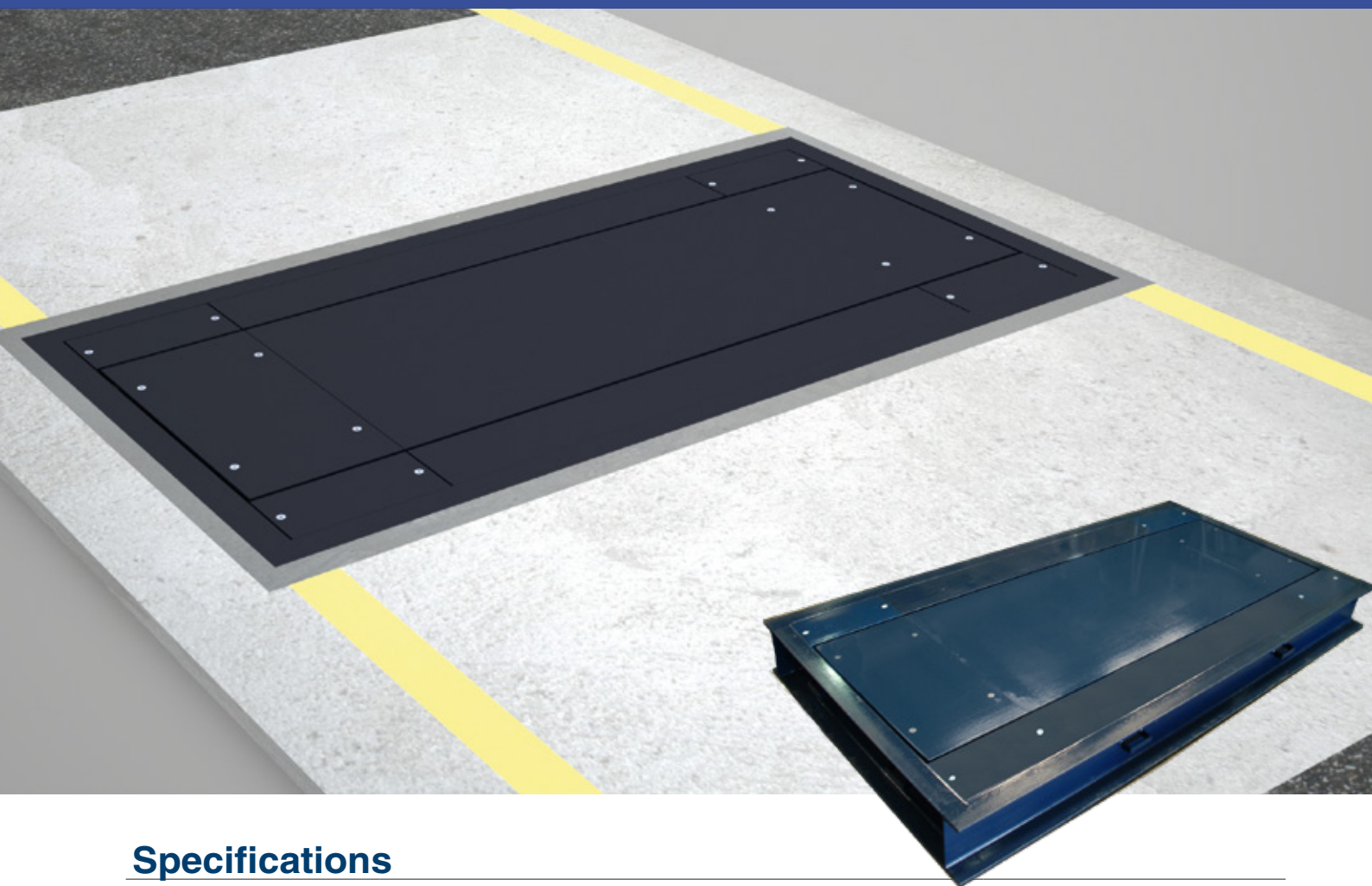
Capacity (t)	Length (m)	Width (m)	No. of Cells	Height (mm)	Gewicht (kg)	Code #
50	2	1,5	4	315	1724	150977
100	3	2	4	395	3780	150978
150	3	2	6	415	4217	150979

Note: The prices do not include the indicator. Note 2: cons. the capacity of each model if CE approval is required.

# BPPEM

## Axle weighbridge, perfect for road applications.

Stands out for its user-friendly design, durable aluminum structure, and seamless integration with external indicators for efficient data handling.



## Specifications

### FEATURES

Capacity	15 t	30 t	40 t
Pit depth	270 mm	310 mm	330 mm
Finish	Two-component polyurethane paint in RAL 5004 blue.		
Screwing	8.8 Quality in zinc (Except bolts below M14 size)		

### LOAD CELLS

Model	Stainless steel IP69K. 3000 d OIML R60		
Load Cells	Model G8R of 20 t	Model G8R of 20 t	Model G8R of 30 t

### ELECTRONIC

- » ABS junction box of 4 - 6 Load Cells, according to the scale dimensions, with potentiometers. IP65 protection
- » 15 m cable from weighbridge to indicator.
- » Installation of a grounding connection according to instruction M.I.BT039 is recommended (not supplied by GIROPES).

## DYNAMIC SOLUTIONS



DATALOGGER  
DYNB615



PORTABLE  
INDICATOR GI620



INDICATOR  
GI620 COMPACT



GESDYN  
SOFTWARE

- STATIC WEIGHING  
- DYNAMIC WEIGHING

### VERIFIED INDICATORS FOR DYNAMIC SOLUTIONS

Description	Code #
Datalogger DYNB615	-
Portable weight indicator GI620	210268
Portable weight indicator GI620 with USB	210268-08
GI620 compact ABS IP54 with RS232	210355
GI620 compact ABS IP54 with RS232 and Ethernet + USB	210355-1
Axle weighing Firmware	330007
GESDYN Software (Traffic Detection and Enforcement) – License	280094

\*Axle-Weighing firmware included with GI620 indicator  
More options available for software-based solutions. See page 92.

## STATIC SOLUTIONS

GI410 LCD



GI410 LED



GESTRUCK  
CONTROL AND MANAGE-  
MENT OF WEIGHBRIDGES

GESNET  
CONTROL AND MANAGEMENT  
OF RECYCLING PLANTS

Description	Code #
Indicator GI410 LED INOX IP54	210119
Indicator GI410 LCD INOX IP54	210171
GESTRUCK Software	see page 92
GESNET Software	see page 98



## BPPEM Axle weighbridge

WIDTH

**3 m**

CAPACITIES

**15 - 40 t**

BUILT-IN PERIMETER PIT  
FRAME

METAL AXLE  
WEIGHBRIDGE  
supplied with 10 mm  
smooth plate; optional  
8/10 mm tear plate  
available.

Installation:  
PIT ASSEMBLY

To see all other available  
accessories see page 61

## Complement and Personalise

Description	Code #
Additional cable per meter	580025
Factory CE verification	see page 116
8/10 mm tear plate for axle weighing (3x0,75 m platform)	160129
8/10 mm tear plate for axle weighing (3x1 m platform)	160130
8/10 mm tear plate for axle weighing (3x1,5 m platform)	160131

## References

Capacity (t)	Dimensions (m)	No. of Cells	Height (mm)	Code #	GALVANISED SUPP. Code #
15	3x0,75	4	270	150238	163127
30	3x0,75	4	310	150239	163131
40	3x0,75	4	330	150240	163132
15	3x1	4	270	150241	163128
30	3x1	4	310	150242	163136
40	3x1	4	330	150243	163137
15	3x1,5	4	270	150244	163129
30	3x1,5	4	310	150245	163138
40	3x1,5	4	330	150246	163139

Note: The prices do not include the indicator.



# RAIL WEIGHBRIDGE

High accuracy in heavy-load conditions.

Compatible with various rail gauges and track configurations.



## Train weighing

We design rail weighbridges tailored to each project, delivering the robustness required by the railway environment, with maximum precision and reliability.

## Features

- » Metal or mixed construction
- » Pit installation beneath the rails
- » 2 models available:
  - Single weighbridge
  - Double weighbridge

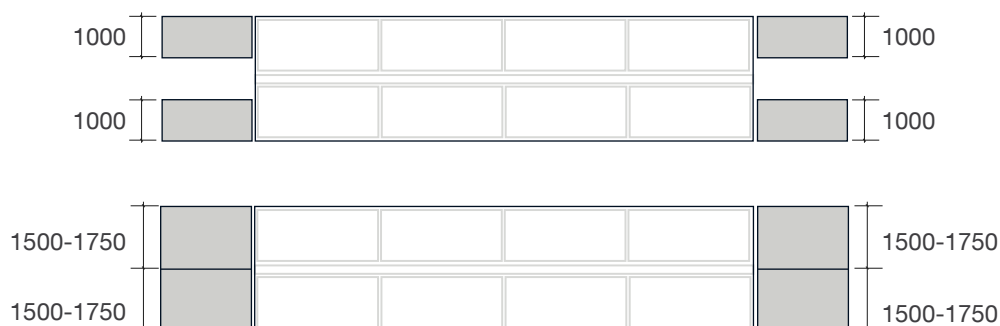


# ACCESSORIES

PERSONALISE YOUR WEIGHBRIDGE

METAL RAMPS	62
LOAD CELL SIMULATOR	64
LEVELING SUPPLEMENT	64
HEADBOARDS FOR WEIGHBRIDGES	64
ANGLES	65
ROLLING GUIDES	65
STAIRS	66
COPPER BRAID	66
T-SHAPE RUBBER	67
WIDTHR SCREW	67
CIRCULAR INJECTION PISTOL	67
CUBICLES	68
ANCHOR PLATES	68

## ACCESSORIES



Top view of both options (with and without central gap).  
Dimensions in mm.

## Metal Ramps for EVO series

<i>BPPSE EVO   BPPSES EVO   BPPSE EVO XC   BPPCE EVO   BPPCE EVO XC   BPPCE EVO D</i>	
Width (mm)	Description
1000	Access ramps at the entry and/or exit allow vehicles to reach the weighing surface, with the central area left open. Each truck wheel travels over a dedicated 1000 mm-wide lane.
1500 1650 1750	Ramps that provide access to the weighing surface at the entry and/or exit of the weighbridge, covering its entire width. 1650 mm-wide ramps for 3.30 m weighbridges, 1750 mm-wide ramps for 3.50 m weighbridges.

### 1000 m

**GALVANISED SUPP.**

Cap. (t)	# Code	# Code
30-60-80	160084	160062
100	160086	160328

(4 modules of 3000 x 1000 mm)

### 1500 m

**GALVANISED SUPP.**

Cap.	# Code	# Code
30-60-80	160085	160061
100	160088	160329

(4 modules of 3000 x 1500 mm)

### 1650 m

**GALVANISED SUPP.**

Cap.	# Code	# Code
30-60-80	160161	160262
100	160492	160494

(4 modules of 3000 x 1650 mm)

### 1750 m

**GALVANISED SUPP.**

Cap.	# Code	# Code
30-60-80	160162	160263
100	160493	-

(4 modules of 3000 x 1750 mm)

## Metal Ramps for INDUSTRIAL series

Width (mm)	Description
1000	Access ramps at the entry and/or exit allow vehicles to reach the weighing surface, with the central area left open. Each truck wheel travels over a dedicated 1000 mm-wide lane.
1500	Ramps that provide access to the weighing surface at the entry and/or exit of the weighbridge, covering its entire width (in the case of 1500 mm-wide ramps for 3-meter weighbridges).

### 1000 mm

**GALVANISED SUPP.**

Cap. (t)	# Code	# Code
30-60-80	165147	165147
100	165149	165149

(4 modules 1000 mm wide)

### 1500 mm

**GALVANISED SUPP.**

Cap. (t)	# Code	# Code
30-60-80	165148	165148
100	165150	165150

(4 modules 1500 mm wide)



To carry out the installation of the weighbridge, a series of cables is required.  
Below are several tables showing the number of cables needed by type, depending on the weighbridge model.

## EVO Series Cables

## ACCESSORIES

### EVO SERIES | WIDTH 3 m - 3,3 m - 3,5 m

Weighbridge Length (m)	Number of Cables		
	5 m #245083	7 m #245084	9 m #245085
6	4	-	1
8	2	3	-
10	2	1	2
12	2	-	3
14	2	3	2
15	2	1	4
16	2	1	4
18	4	-	5
20	2	3	4
21	2	-	7
22	2	2	5
24	2	-	7
26	2	4	5

### EVO SERIES SPECIAL WEIGHBRIDGES | WIDTH 3 m - 3,3 m - 3,5 m

Weighbridge Length (m)	Number of Cables		
	5 m #245083	9 m #245085	11 m #245086
28	4	1	8
30	2	-	9
32	2	3	8
34	2	2	9
36	2	-	11
38	2	4	9
40	2	1	12
42	2	-	13

## INDUSTRIAL Series Cables

### BPCTH / BPCTH-LW | WIDTH 3,3 m

Weighbridge Length (m)	Number of Cables		
	5 m #245083	7 m #245084	9 m #245085
6	4	-	1
8	2	3	-
10	2	1	2
12	2	-	3
14	2	3	2
15	2	1	4
16	2	1	4
18	4	-	5
20	2	3	4
21	2	-	7
22	2	2	5
24	2	-	7
26	2	4	5

### BPGSH | WIDTH 3 m - 3,3 m - 3,5 m

Weighbridge Length (m)	Number of Cables		
	5 m #245083	9 m #245084	11 m #245085
6	2	1	-
8	2	-	1
10	2	-	1
12	2	3	-
14	2	3	-
16	2	-	3
18 (8 Load cells)	2	5	-
18 (6 Load cells)	2	-	3
20	2	5	-
21	2	5	-
22	2	5	-
24	2	-	5
26	2	7	-

### BPGSM | WIDTH 3 m - 3,3 m - 3,5 m

Weighbridge Length (m)	Number of Cables		
	5 m #245083	9 m #245085	11 m #245086
6	2	1	-
8	2	-	1
10	2	-	1
12	2	3	-
14	2	3	-
15	2	-	3
16	2	-	3
18	2	5	-
20	2	5	-
21	2	5	-
22	2	-	5
24	2	7	-
26	2	5	-

## Load Cells Simulator

You can use the cell simulator for mounting the weighbridges. This makes it easy to mount the sensors and to level the bridge during assembly. The load cell simulators can be used with GIP- and HBM C16A load cells.

Description	Code #
Set load cell simulator for weighbridge (by unit)	160208



## Leveling supplement

Thickness for set of hoops for leveling load cells installed in the weighbridges.

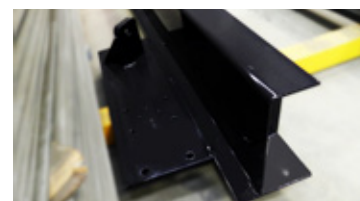
Description	Code #
Thickness for set of hoops 1 mm	160605
Thickness for set of hoops 2 mm	160606
Thickness for set of hoops 3 mm	160607
Thickness for set of hoops 5 mm	160608

*Note: there can be variations according the order.*



## Headboards for Weighbridges

IPE perfil to be Widthred to the input and output of the weighbridge. They serve as a formwork for the access ramps made of concrete or all coming to the scale.



Cabecera + Simple Cubicle

Description	Code #
Input/output headers set for Evo Range (3m)	163011
Input/output headers set for Evo Range (3,30m)	163012
Input/output headers set for Evo Range (3,50m)	163013
Input/output headers set for Evo Range (3m) Single/large cubicle welding	163024
Input/output headers set for Evo Range (3,30m) Single/large cubicle welding	163025
Input/output headers set for Evo Range (3,50m) Single/large cubicle welding	163026

See options and prices for other models

## Entry/Exit angles FOR BUILDING RAMPS IN ON-GROUND INSTALLATIONS

Two angles set L-100x10 mm with root foot to end the building of the entrance and exit of the scale.

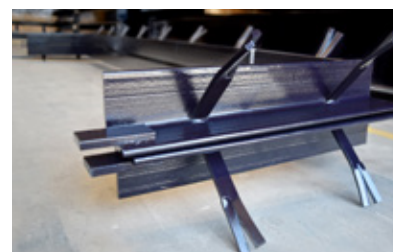
Description	Code #	GALVANISED SUPP.	
		Code #	
Set of perimeter angle for ramps for bascules 3 m width	160008	163101	
Set of perimeter angle for ramps for bascules 3,3 m width	163099	163102	
Set of perimeter angle for ramps for bascules 3,5 m width	163100	163103	



## Perimeter angle FOR THE END OF THE DITCH IN PIT ASSEMBLY INSTALLATIONS

Angles set L-100x10 mm with root foot to end the perimeter of the ditch in pit scales.

Description	Code #	GALVANISED SUPP.	
		Code #	
For weighbridges of 6 x 3 m	160001	163104	
For weighbridges of 8 x 3 m	160002	163105	
For weighbridges of 10 x 3 m	160003	163106	
For weighbridges of 12 x 3 m	160004	163107	
For weighbridges of 14 x 3 m	160005	163108	
For weighbridges of 16 x 3 m	160006	163109	
For weighbridges of 18 x 3 m	160007	163110	



## Rolling guide FOR ON-GROUND INSTALLATIONS

Railings with a tubular outline to guide the lorry on the bearing track. For on-ground scales with a completely flat area. Possibles scales: BPPCE EVO, BPPSES EVO, BPCTH.

Description	Code #
6 m	160037
8 m	160038
10 m	160039
12 m	160040
14 m	160041
16 m	160042
18 m	160043



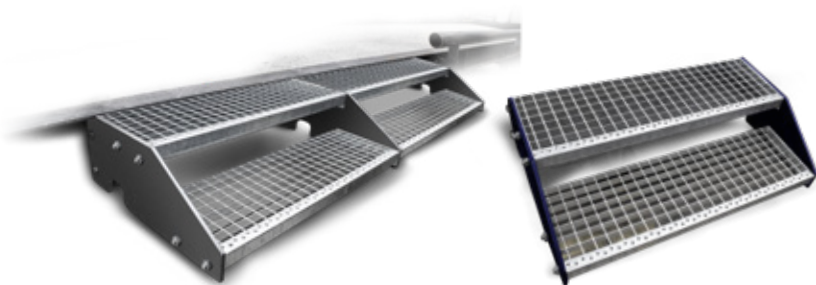


## ACCESSORIES

### Stairs for on-ground scales FOR HEIGHT 300 MM WEIGHBRIDGES

**Features:**

- » Structure with two stairs with a striated sheet steel of 4/6 mm.
- » Galvanized and painted versions.



EVO SERIES



OTHER MODELS  
Optional galvanized finish available

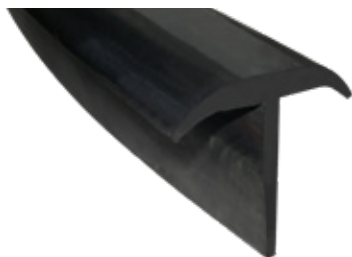
Description	Installation	Finished	Code #
For BPPCE EVO and BPPSE EVO (1830 x 600 x 230 mm)	Fixed	Painted	160550
For BPPCE EVO and BPPSE EVO (1830 x 600 x 230 mm)	Fixed	Galvanised	163030
For BPPCE EVO and BPPSE EVO (920 x 600 x 230 mm)	Fixed	Painted	160628
For BPPCE EVO and BPPSE EVO (920 x 600 x 230 mm)	Fixed	Galvanised	163031
For BPGSM, BPGSH, BPBSM and BPBSH	Fixed	Painted	160660
For BPGSM, BPGSH, BPBSM and BPBSH	Fixed	Galvanised	-

### Copper braid FOR WEIGHBRIDGES LOAD CELLS

Safety system for weighbridges load cells

Description	Code#
Kit for 4 load cells weighbridges	160709
Kit for 6 load cells weighbridges	160710
Kit for 8 load cells weighbridges	160711
Kit for 10 load cells weighbridges	160713
Kit for 12 load cells weighbridges	160714
Copper braid for cells (unit)	240110





## T-Shape Rubber

	ESTANDAR		MODELOS EVO			
	Ancho 3 m		Ancho 3 m		Ancho 3,3 m	
Description	Code #					
For weighbridges of 6 m	160801		160808		160809	
For weighbridges of 8 m	160802		160811		160812	
For weighbridges of 10 m	160803		160814		160815	
For weighbridges of 12 m	160804		160817		160818	
For weighbridges of 14 m	160805		160820		160821	
For weighbridges of 16 m	160806		160806		160823	
For weighbridges of 18 m	160807		160807		160825	
For Entry/exit (on-ground build)	160831		160831		160832	
					160833	

## Widthr screw

Widthr screw to broach weighbridges, Anchor Plates, stairs, ramps and other weighbridge accessories.

Description	Code #
Widthr screw to broach (unit)	160712



## Circular injection pistol WITH PANASONIC BATTERY

### For the assembly of the BPPCE EVO and BPPSE EVO

Injection, reinforcement pistol, easy to use and with two batteries (50 Ah Li-ion). It also includes a transport case, easy to store in a van.



Description	Code #
Panasonic circular injection pistol	160576

## CUBICLES & ANCHOR PLATES

### EVO Series

**SIMPLE AND LARGE CUBICLES – 30, 60, 80, 100 t**

	WEIGHBRIDGE MODELS					
	BPPSE EVO	BPPSE EVO XC	BPPSES EVO	BPPCE EVO	BPPCE EVO D	BPPCE EVO XC
SIMPLE CUBICLE	*	*	*	*	*	*
SIMPLE CUBICLE - WITH FACTORY- INSTALLED SENSORS	*	*	*	*	*	*
LARGE CUBICLE	*	*	*	*	*	*
LARGE CUBICLE - WITH FACTORY- INSTALLED SENSORS	*	*	*	*	*	*

#### ANCHOR PLATE

	WEIGHBRIDGE MODELS					
	BPPSE EVO	BPPSE EVO XC	BPPSES EVO	BPPCE EVO	BPPCE EVO D	BPPCE EVO XC
ANCHOR PLATES 650 x 300 x 15 mm	*	*	*	*	*	*

### INDUSTRIAL Series

**LARGE CUBICLE (30 - 60 - 80 t) FOR BPGMO MODEL**

#### ANCHOR PLATES

	WEIGHBRIDGE MODELS									
	BPGSM	BPGMO	BPGEM	BPBSM	BPBEM	BPGSH	BPSMH	BPBSH	BPCTH	BPTSE
ANCHOR PLATES 500 x 500 x 15 mm	*		*	*	*	*	*	*	*	*
SIMPLE CUBICLE 500 x 500 x 15 mm	*		*	*	*	*	*	*	*	*
ANCHOR PLATES 650 x 300 x 15 mm		*								



## Simple Cubicle

	Number of weighbridge load cells				
	4	6	8	10	12
	Code #	Code #	Code #	Code #	Code #
Simple cubicle	160649	160650	160651	160652	160653
With factory-installed sensors - Simple cubicle	160654	160655	160656	160657	160658
Supplement - Galvanised - Simple cubicle	-	-	-	-	-

## Large Cubicle

UP TO 80 t OF CAPACITY

	Number of weighbridge load cells				
	4	6	8	10	12
	Code #	Code #	Code #	Code #	Code #
Large Cubicle	160016	160017	160018	-	-
With factory-installed sensors - Large cubicle	-	-	-	-	-
Supplement - Galvanised - Large cubicle	-	-	-	-	-

Consult price and availability for capacities of 100 t

## Anchor Plates

	Number of weighbridge load cells			
	1	4	6	8
	Code #	Code #	Code #	Code #
Anchor Plate 500 x 500 x 15 mm	160206	160009	160010	160011
Anchor Plate to broach 500 x 500 x 15 mm	160558	160706	160707	160708
Anchor Plate 650 x 300 x 15 mm *	160207	160703	160704	160705

\* The 650 x 300 x 15 Anchor Plates are for models BPGMO, BPPCE EVO, BPPCE EVO D, and BPPSE EVO.



SIMPLE CUBICLE



LARGE CUBICLE



ANCHOR PLATE

# LOAD CELLS

<b>G8R</b> <i>Célula of serie</i>	<b>71</b>
<b>G8RD</b> <i>Célula Digital</i>	<b>72</b>
<b>G8RD Dual</b> <i>Célula digital con doble conector</i>	<b>73</b>
<b>GIP</b>	<b>74</b>
<b>GIPD</b> <i>Célula Digital</i>	<b>75</b>
<b>C16</b>	<b>76</b>

## Features

Compression load cell.  
Stainless steel construction.  
4000 divisions OIML R60 class C.  
Hermetically sealed laser welded.  
Protected against atmospheric discharges with surge arresters.  
IP69k Protection.



# G8R

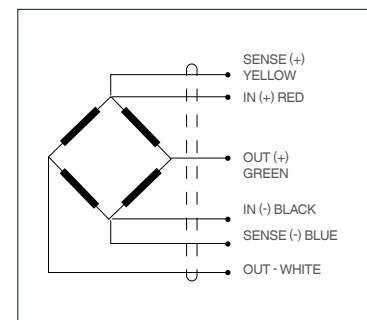
min 18.000 kg  
max 50.000 kg

**69K**  
IP

**M**

## Specifications

Maximum capacity ( $E_{max}$ )	18,20,25,30,35,40,50 t
Accuracy Class	C4
Minimum Dead Load	0 kg
Safe Overload	120 % $E_{max}$
Ultimate Load	150 % $E_{max}$
Combined Error	$< \pm 0,017 \% C_n$
Repeatability Error	$< \pm 0,015 \% C_n$
Creep (30 minutes)	$< \pm 0,016 \% C_n$
Operating Temperature Range	-30 °C... +70 °C
Rated Output ( $C_n$ )	2 mV/V $\pm 1 \%$
Recommended Excitation Voltage	10 V
Maximum Excitation Voltage	15 V
Input Impedance	800 $\Omega \pm 2 \%$
Output Impedance	700 $\pm 3 \Omega$
Zero Balance	$\pm 2 \% C_n$
Insulation Resistance	$> 5000 M\Omega$
Maximum Deflection (at $E_{max}$ )	0,6 - 1 mm
Cable Length	18 m



### ARMORED LOAD CELL CABLE G8R

Supplement for supplying the Load Cell with armored cable.  
Armored cable anti-rodents 6 x 0,22 mm<sup>2</sup>.

Description	Type	Code #
Armored cable supplement (unit price)	G8R	240517

### OPTIONAL G8R-CP

Its flat face construction provides great security to prevent cell movement, drastically reducing the possibility of breakage.

Description	Type	Code #
G8R-CP load cell supplement (unit price)	G8R-CP	240518



G8R-CP

### ARMORED LOAD CELL CABLE G8R-CP

Extra-charge by delivery the cell with shielded cable  
Shielded cable anti-rodents 6 x 0,22 mm<sup>2</sup>

Description	Type	Code #
Armored cable cell supplement (unit price)	G8R-CP	240519



## DIGITAL CELL G8RD

min 18.000 kg  
max 50.000 kg

**69K**  
IP

**M**



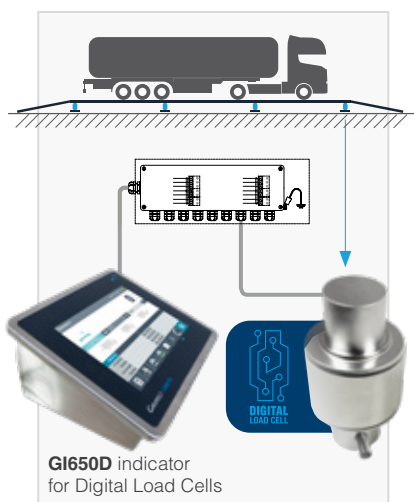
DIGITAL  
SYSTEM



**LOAD CELLS &  
INDICATORS**

COMBINATION OF  
ELEMENTS

See features of indicators GI650D,  
GI450D, and GI430D starting on  
page 78



GI650D indicator  
for Digital Load Cells

## Features

Digital Compression Load Cell.  
Stainless Steel Construction.  
Hermetically Sealed, IP69k Protection  
4000 divisions OIML R60 class C.  
Lightning Protection.  
RS485 Full-Duplex Digital Interface.  
Configuration and Software Update via Serial Interface.  
Optimized for Commissioning, Corner Adjustment, and Diagnostics.



## Specifications

Maximum capacity ( $E_{max}$ )	18,20,30,40,50 t
Accuracy Class	C4
Minimum Dead Load	0 kg
Safe Overload	120 % $E_{max}$
Ultimate Load	150 % $E_{max}$
Combined Error	$< \pm 0,013 \% C_n$
Repeatability Error	$< \pm 0,015 \% C_n$
Creep (30 minutes)	$< \pm 0,016 \% C_n$
Operating Temperature Range	-30 °C... +70 °C
Rated Output ( $C_n$ )	200000 $\pm 0,05 \%$ counts (programmable)
Recommended Excitation Voltage	6 - 15 V DC
Maximum Excitation Voltage	15 V
Excitation Current	78 mA (max.)
RS485 Serial Interface	Full-Duplex
Max. Transmission Cable Length	1200 m
Input Impedance	800 $\Omega \pm 2 \%$
Output Impedance	700 $\pm 3 \Omega$
Zero Balance	$\pm 2 \% C_n$
Maximum Deflection (at $E_{max}$ )	0,6 - 1 mm
Cable Length	18 m

### WEIGHBRIDGE WITH LOAD CELLS MODEL G8RD DIGITAL

Supplement for supplying the weighbridge with Digital Load Cells G8RD instead of Load Cells G8R.

Description	Type	Code #
G8RD Load cell supplement (unit price)	G8RD	240520

### ARMORED LOAD CELL CABLE G8RD

Supplement for supplying Load Cells with Armoured load cell cable  
Armoured rodent-proof cable 6 x 0,22 mm<sup>2</sup>

Description	Type	Code #
Armored cable supplement for load cells (unit price)	G8RD	240521

## Digital system functions

- » **Individual diagnoses** the status of each of the digital cells.
- » **Indicates incidents and errors** for the group of cells, or for each one of the digital cells.
- » **Distinction and definitive identification** by the unique serial number of each of the installed cells.
- » **Control the internal calculations** of each of the cells in real time.
- » **Control errors quickly**, whether due to malfunction or a wiring failure.
- » **Replace or change a cell** without the need for on-site calibration.

## Features

Digital Compression Load Cell with Dual Connector.  
Stainless Steel Construction.  
Hermetically Sealed, IP69k Protection.  
Lightning Protection.  
4,000 divisions — OIML R60 Class C.  
RS485 Full-Duplex Digital Interface.  
Configuration and Software Update via Serial Interface.  
Optimized for Commissioning, Corner Adjustment, and Diagnostics.



## Specifications

Maximum capacity ( $E_{max}$ )	20,30,40,50 t
Accuracy Class	C4
Minimum Dead Load	0 kg
Safe Overload	120 % $E_{max}$
Ultimate Load	150 % $E_{max}$
Combined Error	$< \pm 0,013 \% C_n$
Repeatability Error	$< \pm 0,015 \% C_n$
Creep (30 minutes)	$< \pm 0,016 \% C_n$
Operating Temperature Range	-10 °C... +40 °C
Rated Output ( $C_n$ )	200000 $\pm 0,05 \%$ counts (programmable)
Recommended Excitation Voltage	6 - 15 V DC
Maximum Excitation Voltage	15 V
Excitation Current	78 mA (max.)
RS485 Serial Interface	Full-Duplex
Zero Balance	$\pm 2 \% C_n$
Maximum Deflection (at $E_{max}$ )	0,6 - 1 mm
Maximum Transmission Cable Length	1200 m
Maximum Deflection (at $E_{max}$ )	0,6 - 1 mm

### WEIGHBRIDGE WITH LOAD CELLS MODEL G8RD DUAL

Supplement for supplying the weighbridge with Digital Load Cells G8RD Dual instead of Load Cells G8R.

Description	Type	Code #
G8RD Dual Load cell supplement (unit price)	G8RD Dual	245099
G8RD Dual-CP Load cell supplement (unit price)	G8RD Dual-CP	245100

### ARMORED CELL-TO-CELL CABLE

Description	Length (m)	Code #
Armored cable supplement for load cells (unit price)	5	245083
Armored cable supplement for load cells (unit price)	7	245084
Armored cable supplement for load cells (unit price)	9	245085
Armored cable supplement for load cells (unit price)	11	245086

### CONNECTION TO INDICATOR AND END OF LINE

Description	Length (m)	Code #
<b>Complete kit: Armored cable (Indicator–Load Cell) + End plug</b>	15	245109
Armored cable supplement for load cells (unit price)	15	245091
G8RD Dual line end cap	-	650591
<b>Complete kit: Armored cable (Indicator–Load Cell) + End plug</b>	30	245110
Armored cable supplement for load cells (unit price)	30	245092
G8RD Dual line end cap	-	650591
<b>Complete kit: Armored cable (Indicator–Load Cell) + End plug</b>	50	245111
Armored cable supplement for load cells (unit price)	50	245093
G8RD Dual line end cap	-	650591
<b>Complete kit: Armored cable (Indicator–Load Cell) + End plug</b>	100	245112
Armored cable supplement for load cells (unit price)	100	245094
G8RD Dual line end cap	-	650591

**GIROPES**  
CE OIML

**DIGITAL CELL**  
**G8RD**  
**DUAL**

min 18.000 kg  
max 50.000 kg

**69K**  
IP **M**



**DIGITAL**  
**SYSTEM**



**LOAD CELLS & INDICATORS**

COMBINATION OF  
ELEMENTS

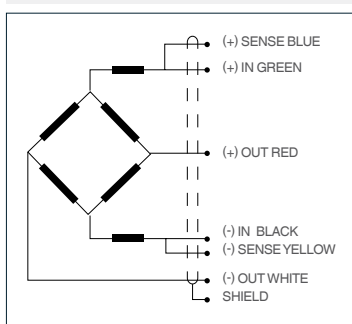
See features of indicators GI650D,  
GI450D, and GI430D starting on  
page 78



Illustrative installation diagram with a  
**GI650D** indicator and  
**G8RD Dual** load cells

# GIP

min 15.000 kg  
max 60.000 kg



SENSES: 2 additional wires to keep the excitation voltage constant at the load cell with appropriate instrumentation. Especially recommended for long cables and wide temperature ranges.

SHIELD: Not connected to the transducer body.

## Features

- Self-Aligning Pivoting Column Compression Load Cell.
- Stainless Steel Construction.
- Hermetically Welded, IP69K protection (ISO 20653).
- Available in ATEX version  $\text{Ex}$  (optional).
- Zone 0-1-2 (gas) and 20-21-22 (dust).
- Optimized Corner Adjustment for Multi-Load Cell Systems.
- Easy Installation.
- Lightning Protection.
- 3000 divisions OIML R60 class C.



## Specifications

Maximum capacity ( $E_{\max}$ )	15,20,25,30,40,60 t
Accuracy Class	C3
Minimum Dead Load	0 kg
Safe Overload	120 % $E_{\max}$
Ultimate Load	150 % $E_{\max}$
Combined Error	$< \pm 0,017 \% C_n^{(1)}$
Repeatability Error	$< \pm 0,015 \% C_n$
Temperature Effect on Zero	$< \pm 0,01 \% C_n / 5 ^\circ\text{K}$
Temperature Effect on Sensitivity	$< \pm 0,006 \% C_n / 5 ^\circ\text{K}$
Creep (30 minutes)	$< \pm 0,016 \% C_n$
Compensated Temperature Range	-10 °C...+40 °C
Operating Temperature Range	-30 °C... +70 °C
Rated Output ( $C_n$ )	2 mV/V
Recommended Excitation Voltage	10 V
Maximum Excitation Voltage	15 V
Input Impedance	800 $\pm 5 \Omega$
Output Impedance	700 $\pm 5 \Omega$
Zero Balance	$< \pm 2 \% C_n$
Insulation Resistance	$> 5000 \text{ M}\Omega$
Maximum Deflection	0,6-1 mm
Cable Length	18 m

(1) Combined Error. Includes Non-Linearity and Hysteresis

### WEIGHBRIDGE WITH ANALOG LOAD CELLS MODEL GIP

Supplement for supplying the weighbridge with Analog Load Cells GIP instead of Load Cells G8R.

Description	Code #
GIP Load cell supplement (unit price)	240522

### ARMORED LOAD CELL CABLE GIP

Supplement for supplying Load Cells with Armoured load cell cable  
Armoured rodent-proof cable 6 x 0,22 mm<sup>2</sup>

Description	Tipo C.	Code #
Armored cable supplement for load cells (unit price)	GIP	240524



## Features

- Self-Aligning Pivoting Column Compression Load Cell.
- Stainless Steel Construction.
- Hermetically Sealed, IP69K (ISO 20653).
- Easy Installation.
- Lightning Protection.
- RS485 Full-Duplex Digital Interface.
- Software Configuration and Updates via Serial Interface.
- Optimized for Commissioning, Corner Adjustment, and Diagnostics.
- 4000 divisions OIML R60 class C.



**GIROPES**



**DIGITAL CELL**  
**GIPD**

min 15.000 kg  
max 60.000 kg

**69k**  
**IP**

**M**

## Specifications

Maximum capacity ( $E_{max}$ )	15,30,40,60 t
Accuracy Class	C4
Minimum Dead Load	0 kg
Safe Overload	120 % $E_{max}$
Ultimate Load	150 % $E_{max}$
Combined Error	$< \pm 0,013 \% C_n$
Repeatability Error	$< \pm 0,01 \% C_n$
Temperature Effect on Zero	$< \pm 0,01 \% C_n / 5 ^\circ K$
Temperature Effect on Sensitivity	$< \pm 0,006 \% C_n / 5 ^\circ K$
Creep (30 minutes)	$< \pm 0,012 \% C_n$
Compensated Temperature Range	-10 °C...+40 °C
Operating Temperature Range	-30 °C... +70 °C
Rated Output ( $C_n$ )	200000 $\pm 0,05 \%$ counts <sup>(1)</sup>
Zero Balance	$\pm 0,1 \% C_n$
Excitation Voltage	7,5 - 18 V DC
Excitation Current	80 mA (max.)
RS485 Serial Interface	Full-Duplex
Max. Transmission Cable Length	1200 m
Maximum Deflection	0,6 - 1
Cable Length	18 m

(1) User-programmable



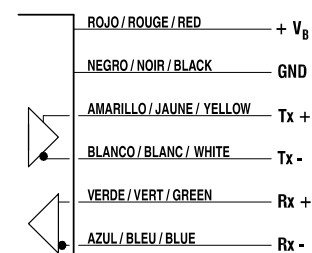
**DIGITAL  
SYSTEM**



**LOAD CELLS &  
INDICATORS**

COMBINATION OF  
ELEMENTS

See features of indicators GI650D,  
GI450D, and GI430D starting on  
page 78



### WEIGHBRIDGE WITH DIGITAL LOAD CELLS MODEL GIPD

Supplement for supplying the weighbridge with Digital Load Cells GIPD instead of Load Cells G8R.

Description	Code #
GIPD Load cell supplement (unit price)	240526

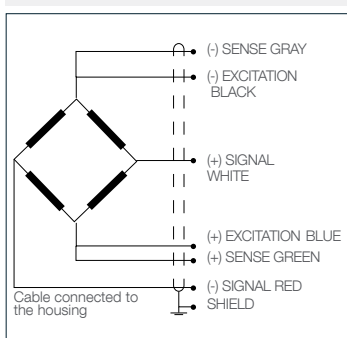
### ARMORED LOAD CELL CABLE GIPD

Supplement for supplying Load Cells with Armoured load cell cable  
Armoured rodent-proof cable 6 x 0,22 mm<sup>2</sup>

Description	Tipo C.	Code #
Armored cable supplement for load cells (unit price)	GIPD	240528

# C16

min 15.000 kg  
max 40.000 kg

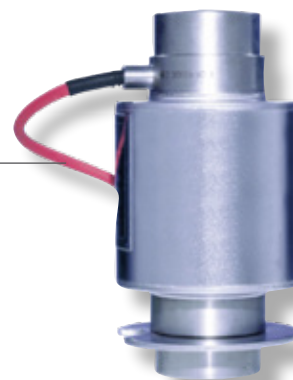


(1) Corner adjustment coordinates sensitivity and output resistance so that the scale's indicated value remains within the permitted limits when an off-center load is applied.

(2) The non-linearity, hysteresis error, and temperature effect on sensitivity values are typical. The sum of these values meets the  $pLC=0.7$  requirements according to OIML R60 and NTEP.

## Features

Compression Load Cell.  
Stainless Steel Construction.  
Laser Welded.  
IP68 Protection (EN60529).  
Available in ATEX version (Ex) (optional).  
Optimized for Parallel Connection with Corner Adjustment.  
EMC / ESD Compliant (EN 45 501).  
Lightning Protection (Not Available with ATEX Version).  
Easy Installation.  
Set of Rings Included.  
3000 divisions OIML R60 class C.



## Specifications

Maximum capacity ( $E_{max}$ )	15 t	20 t	30 t	40 t
Minimum Verification Load ( $E_{min}$ ) [Maximum Number of Load Cells]	5 kg [10]	5 l10 kg [6][10]	10 kg [10]	10l20 kg [6][10]
Deviation at $E_{max}$	0,55 mm	0,65 mm	0,75 mm	0,85 mm
Accuracy Class	C3			
Minimum Verification Interval ( $v_{min}$ )	0,01 % $E_{max}$			
Rated Output ( $C_n$ )	2 mV/V			
Rated Output Tolerance	$\pm 0,5$ % <sup>(1)</sup>			
Temperature Effect on Zero	$\pm 0,0140$ % $C_n$			
Temperature Effect on Zero	$\pm 0,0080$ % $C_n/10$ °C			
Temperature Effect on Sensitivity <sup>(2)</sup>	$\pm 0,0170$ % $C_n$			
Hysteresis Error <sup>(2)</sup>	$\pm 0,0180$ % $C_n$			
Non-Linearity <sup>(2)</sup>	$\pm 0,0167$ % $C_n$			
Creep (30 minutes)	700 $\pm 20$ $\Omega$			
Input Impedance (BLACK-BLUE)	706 $\pm 3,5$ $\Omega$ <sup>(2)</sup>			
Output Impedance (red-WHITE)	5 V			
Reference Excitation Voltage	5 - 12 V			
Nominal Excitation Voltage Range	>5000 M $\Omega$			
Insulation Resistance	-10 °C...+40 °C			
Compensated Temperature Range	-30 °C...+70 °C			
Operating Temperature Range	-50 °C...+85 °C			
Storage Temperature Range	150 % $E_{max}$			
Safe Overload	> 350 % $E_{max}$			
Ultimate Load	70 % $E_{max}$			
Permissible Dynamic Load (DIN 50100)	IP68			
Protection Class	IP69 K			
Cable Length	12 m			

### WEIGHBRIDGE WITH ANALOG LOAD CELLS MODEL C16

Supplement for supplying the weighbridge with Analog Load Cells C16 instead of Load Cells G8R.

Description	Code #
C16 Load cell supplement (15 t - 30 t) (unit price)	240530
C16 Load cell supplement (40 t) (unit price)	240531

# AUTO I/O

## AUTOMATION OF ENTRY AND EXIT DEVICES

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<i>GST4</i>	<b>108</b>
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<b>CONTROL DEVICES</b>	<b>111</b>



# GI650 & GI650D

**ABS/Stainless steel.  
Compact touchscreen indicator.**

Versatile functionality for a wide range of industries, including distribution, food, chemical, and logistics sectors.



## Features

### MAIN FEATURES

Digital keyboard	QWERTY / AZERTY / QWERTZ	
Screen	8" Touchscreen	
Model	ABS housing (IP54 / IP65) Tabletop version Reclining wall bracket (optional)	Stainless steel housing (IP68) Tabletop version Wall-mounted version
Dimensions (mm)	Tabletop: 242(w) x 226(p) x 126(h)   Wall: 272(w) x 164(p) x 212(h) max	
Packaging dimensions (mm)	418 (w) x 300(p) x 146 (h)	
Packaging weight (mm)	4,4	
Languages	English, Spanish, French, Italian and Portuguese	
Power supply	Power supply: 100-240 V AC, 50/60 Hz (designed so the customer can adapt it to 12V DC)	

### GI650 TECHNICAL SPECIFICATIONS:

- » Sigma-delta A/D converter
- » Approved for up to 10,000e in single range and 2 x 10000e in multi-range and multi-interval
- » Accuracy class III and IIII
- » Minimum impedance: 29 Ω
- » Maximum impedance: 1200 Ω

### GI650D TECHNICAL SPECIFICATIONS:

- » Approval up to 10000e in single range and 2 x 10000e in multi-range and multi-interval
- » Accuracy class III and IIII
- » Distance between indicator and weighbridge: up to 1200 m
- » Connection for up to 32 digital load cells

## Truck weighing firmware functions

### Weighing option:

- First and second manual weighing
- Weighing with manual tare
- Single weighing with stored tare by license plate

**In-transit vehicle management:** Manage as many trucks as weighings stored in memory.

**Print format configuration:** Simple and visual customization of ticket layouts by type.

**Ticket configuration:** 3 preconfigured formats and 6 customizable formats directly from the device

**Database code management:** Up to 2,000 codes for customer, material, origin, and destination

**Free code management:** 4 user-defined codes (up to 6 characters) without database storage

**Weighing record management:** Up to 2,700 complete weighings storable and exportable via USB

**Ticket printing:** Reprinting of stored tickets

**Tare management:** Manual or memorized by license plate

## Standard communication interfaces

2× RS232 ports (for printer / repeater / PC)

Ethernet connection (for repeater / PC)

USB port – for data upload/download or to connect an external keyboard (not included)

## Optional

Description	Code #
Wifi	220021-4
Alibi memory	220008
RS485 output	220002
Internal battery	-

\* Optional WiFi disables Ethernet. In stainless steel version, with optional WiFi the protection will be IP66

\*\* Internal rechargeable battery that acts in case of power failure

\*\*\* RS485 output only for GI650 for analogical load cells

## Accessories

Description	Code #
Reclining wall mount GI650ABS	220254
Logitech Keyboard K120 Business USB	580239
Ethernet wire 1 m	580552
Ethernet wire 2 m	580028
RS232 wire to computer 1,5 m (9F-9F / D)	270401
RS232 wire to printer 1,5 m	-
Interconnection wire with repeater 10 m	-
Printer LX-350*	630001
Printer ORIENT BTP-M300 / IMP 27	630081
Printer POS76 / IMP 28	910035
Weighing repeater with 6 digits of 45 mm	210185
Weighing repeater P16	see page 88

\* LX-350 printer only supports Trucks weighing Firmware

## References

	GI650	GI650D
Description	Code #	Code #
Wall-mounted IP68 indicator with reclining bracket	210195	-
Desktop IP68 indicator	210196	-
Wall-mounted IP68 stainless steel indicator with reclining bracket	-	210314
Desktop IP68 stainless steel indicator	-	210315
Desktop IP65 indicator in ABS	210326	210330
Desktop IP54 indicator in ABS	210327	210331
<b>Firmware</b>		
Totaliser - Logistics	330001	-
Trucks weighing	330002	330002



# GI650 GI650D

## INDICATORS

TOUCHSCREEN  
INDICATOR

2 AVAILABLE  
FIRMWARE OPTIONS

CERTIFIED  
INDICATOR



**GIMANAGER**  
(Software PC)

- » Search for indicators connected to a network or serial port
- » Download firmware updates
- » Management of basic configuration and firmware backups
- » Configuration of indicator parameters (general, metrological and communication)

\* Free download in our website



# GI450 & GI450D

**Compact desktop model in ABS housing.  
Available in both analog and digital versions.**

High-performance alphanumeric indicator, ideal for data management, connectivity, and customization in industrial environments.



## Features

### MAIN FEATURES

<b>Keyboard</b>	Telephone-style alphanumeric keypad Direct function keypad
<b>Screen</b>	Screen TFT of 320x240 pixels RGB
<b>Finish</b>	ABS IP54 and ABS IP65
<b>Dimensions (mm)</b>	237 x 201 x 124
<b>Languages</b>	English, Spanish, French and Italian
<b>Power supply</b>	Power supply: 100-240 V AC, 50/60 Hz
<b>Firmware</b>	Truck weighing

### TECHNICAL SPECIFICATIONS GI450:

- » Sigma-delta ( $\Sigma\Delta$ ) converter with 24 bits and low noise, up to a max of 1.200 conv/seg.
- » Max. 6.000e Mono range, Multi range or Multi slot (in 3.000, per partial weighing range) in approved version
- » 100.000 displayable divisions for internal use.
- » Connection to up to a max. 14 of analogical load cell with an input resistance of 350  $\Omega$
- » Minimum impedance of the load cell: 29  $\Omega$ .

### TECHNICAL SPECIFICATIONS GI450D:

- » Max. 6.000 and Monorango, Multirango or Multiintervalo (n 3.000, por rango parcial de pesaje) en versión homologada.
- » Homologado según OIML R76 and EN 45501, monorango or multirango.
- » 100.000 divisiones visualizables for uso interno.
- » Distancia entre indicador and báscula hasta 1200m.
- » Conexión hasta max. 32 Digital Load Cells.
- » Impedancia mínima of la célula of carga: 29  $\Omega$



## Truck weighing firmware functions

**Tare:** Manual tare introduction. Weighing with memorized tare.

**Programming:** Date and time configuration.

**Digital pre-calibration (GI450D only):** Plug & Weigh system that allows weighing without the need for calibration.

**Print format configuration:** Ticket customization and reprint option.

**File code management:** Up to 2,000 codes for client, material, origin, and destination, with specific names by type.

**Weighing management:** Up to 4,500 stored weighings, with alert at 80% memory usage.

**Tare management:** Manageable memorized tares.

**In-transit vehicle management:** Management of as many vehicles as stored weighings.

**Function protection:** Metrological configuration and database can be password-protected.

**Simple weighing:** Direct printing of the weight on the platform.

## Standard communication interfaces

2x RS232 (for printer / repeater / PC)

Ethernet (for repeater / PC)

USB (for external keyboard)



Model IP65



Model IP54

## Optional

Description	Code #
Communication board – Wifi	220022
Alibi memory	220008
Kit 4E-4S RELES GI450 IP54	220020-0
Kit 4E-4S RELES GI450 IP65	220020-1
Kit Output RS485 / 422 for GI450 IP54*	220002-3
Kit Output RS485 / 422 for GI450 IP65*	220002-4

\* Only available in analogue model: GI450

## Accessories

Description	Code #
Ethernet cable 0.5 m	580302
USB Keyboard	580239
RS232 to Computer Cable 1.5 m (9F-9F / D)	270401
RS232 to Printer Cable 1,5 m	-
Interconnection cable with Repeater 10m	-
LX-350 Printer	630001
ORIENT BTP-M300 / IMP 27 Printer	910034
POS76 / IMP 28 Printer	910035

## References

	GI450	GI450D
Description	Code #	Code #
Indicator IP54	210383	210384
Indicator IP54 12V	210385	210386
Indicator IP65	210387	210388
Indicator IP65 12V	210389	210390
<b>Firmware</b>		
Truck weighing Firmware	-	-



# GI450 GI450D

## INDICATORS

TRUCK WEIGHING  
FIRMWARE

CERTIFIED  
INDICATOR

# GI430 & GI430D

**Alphanumeric TFT GI430 indicator in stainless steel housing, available with or without printer.**

High-performance alphanumeric indicator for advanced data management, connectivity, and customization in industrial settings.



## Features

### MAIN FEATURES

<b>Keyboard</b>	Alphanumeric keyboard Direct functions keyboard
<b>Screen</b>	TFT screen of 320x240 pixels RGB
<b>Models</b>	2 designs: desktop and mural
<b>Finished</b>	Stainless steel IP54
<b>Languages</b>	Spanish, English, French and Italian
<b>Alimentation</b>	Power supply: 100-240 V AC, 50/60 Hz

### TECHNICAL SPECIFICATIONS

- » Max. 6.000e Mono range, Multi range or Multi slot (in 3.000, per partial weighing range) in approved version.
- » Approved in line with OIML R76 and EN 45501, single range or multi-range.
- » 100.000 displayable divisions for internal use.
- » Distance between indicator and weighbridge of up to 1200m.
- » Connection to up to a max 32 digital load cells.
- » Minimum impedance of the load cell: 29 Ω

## Truck weighing firmware functions

**Tare:** Introduction of manual tare. Weighing with memorized tare.

**Date and time programming.**

**Digital pre-calibration:** Plug and weight system that allows you to connect and weigh directly without the need for calibration. (GI430D only)

**Configurable printing list and tickets.**

**Ticket reprint.**

**File codes management:** Management of file codes. It is possible to use a file of 2000 codes. Such file is used for the management of 4 types of codes; for example of customer, material, origin and plate code. It is also possible the programming of a different name for every code.

**Weights management:** It is possible to store a max of 4500 weight with acoustic signal to advise that the memory is nearly full (80%).

**Management of memorized tares.**

**Management of lorries in transit:** It is possible to manage as many vehicles in traffic as weighing memory are available.

### WEIGHING OPTIONS

- » First and Second manual weighing
- » Weighing with tare and manual tare
- » Unique weight

*Option to password-protect all metrological configuration functions and database access.*

## Standard communication interfaces

2x RS232 connections (for printer / repeater / PC)

Ethernet connection (for repeater / PC)

USB port – for external keyboard (not included)

*\*In the version with built-in printer, one of the RS232 ports will be disabled.*

## Optional

Description	Code #
Communication board – Wifi	220021-3
Alibi/DSD Memory	220008

## Accessories

Description	Code #
Logitech K120 Business USB keyboard	580239
Ethernet wire 1 m	580552
Ethernet wire 2 m	580028
RS232 wire to computer 1,5 m (9F-9F / D)	270401
RS232 wire to printer 1,5 m	-
Wire for Repeater 10m	-
Printer LX-350*	630001
Printer ORIENT BTP-M300 / IMP 27	630081
Printer POS76 / IMP 28	910035
Weighing repeater with 6 digits of 45 mm	210185
Weighing repeater P16	see page 88

## References

	GI430	GI430D
Description	Code #	Code #
Desktop indicator	210217	210291
Desktop indicator with printer	210218	210289
Wall-mounted indicator	210221	210290
Wall-mounted indicator with printer	210222	210288
<b>Firmware</b>		
Truck weighing Firmware	-	-



# GI430 GI430D

## INDICATORS

TRUCK WEIGHING  
FIRMWARE

CERTIFIED  
INDICATOR

### BUILT-IN FUNCTIONS OF THE DIGITAL INDICATOR

- » **Individual diagnoses** the status of each of the digital cells.
- » **Indicates incidents and errors** for the group of cells, or for each one of the digital cells.
- » **Distinction and definitive identification** by the unique serial number of each of the installed cells.
- » **Control the internal calculations** of each of the cells in real time.
- » **Control errors** quickly, whether due to malfunction or a wiring failure.





# GI4XX SERIES

## Compact, precise, and versatile indicators..

High performance, multiple options, and adaptable protection for any industrial environment.



## Main Functions

- Weight repeater via RS232 (16 m) or RS485 (1200 m with additional module)
- Piece counting with automatic or manual unit weight calculation (UW)
- Weighing totalization with memory and item count
- Checkweigher with up to 4 zones and configurable limits

## Optional Functions

- Management of 3 weight limits with activation of 4 relays
- Automatic dosing of 1 or 2 products with discharge zone control
- Formula memory to resume work without reconfiguration

## More Features

- High precision for industrial, power supply, and chemical-pharmaceutical sectors
- Standalone indicator with connection to PC, PLC, printer, or repeater
- Available interfaces for multiple accessories
- IP protection in two finishes and three resistance levels
- Robust housing, impact- and temperature-resistant
- Reversible bracket for column, wall, or desktop mounting
- Compact and durable design, developed by GIROPES



**GIROPES**



**GI4XX  
series**

**INDICATORS**

## GI400/GI400i - Weight Tare

Weight tare indicator with a memory to up to 5 TLUs (memory of Tare) introduced manually. Tickets can be printed in up to 8 different formats and multiple languages.

Description	Code #
Tare-weight indicator GI400 LED ABS IP54	210027
Tare-weight indicator GI400 LED ABS IP54 12V	210116
Tare-weight indicator GI400 LED ABS IP65	210028
Tare-weight indicator GI400i LED INOX IP54	210030
Tare-weight indicator GI400i LED INOX IP54 12V	210135
Tare-weight indicator GI400i LED INOX IP65	210031
Tare-weight indicator GI400i LED INOX IP68	210140



## GI410/GI410i - Digital Indicator

Weight tare indicator with a memory to up to 400 products, 400 customers and 10 prefixed tares. The introduction of the details of the product can include code, description, tare, EAN code and the characterization of the product is according to its operating platform (weight, target weight or unit weight for the piece-counting function).

The introduction of the details of the customers can be done by code, description or pretare. This series also includes the possibility to do lists of stored weights according to detail or filtered according to customer, product or date.

Description	Code #
Digital indicator GI410 LED ABS IP54	210233
Digital indicator GI410 LED ABS IP54 12V	210236
Digital indicator GI410 LED ABS IP65	210239
Digital indicator GI410i LED INOX IP54	210119
Digital indicator GI410i LED INOX IP54 12V	210136
Digital indicator GI410i LED INOX IP65	210120
Digital indicator GI410i LED INOX IP68	210141

## INDICATORS

Set a target and  
top/bottom margin. parameters

0090

0.190

0255

2.160

With visual value alarm



### GI400/GI400i LCD- Tare-weight

Weight tare indicator with a memory to up to 6 TLUs (memory of Tare) introduced manually. Tickets can be printed in up to 8 different formats and multiple languages.

Description	Code #
Tare-weight indicator GI400 LCD ABS IP54	210216
Tare-weight indicator GI400 LCD ABS IP54 12V	210159
Tare-weight indicator GI400 LCD ABS IP65	210154
Tare-weight indicator GI400i LCD INOX IP54	210162
Tare-weight indicator GI400i LCD INOX IP54 12V	210168
Tare-weight indicator GI400i LCD INOX IP65	210163
Tare-weight indicator GI400i LCD INOX IP68	210193



### GI410/GI410i LCD- Digital Indicator

Weight tare indicator with a memory to up to 400 products, 400 customers and 10 prefixed tares. The introduction of the details of the product can include code, description, tare, EAN code and the characterization of the product is according to its operating platform (weight, target weight or unit weight for the piece-counting function).

The introduction of the details of the customers can be done by code, description or pre-tare. This series also includes the possibility to do lists of stored weights according to detail or filtered according to customer, product or date.

Description	Code #
Digital indicator GI410 LCD ABS IP54	210242
Digital indicator GI410 LCD ABS IP54 12V	210245
Digital indicator GI410 LCD ABS IP65	210248
Digital indicator GI410 LCD INOX IP54	210171
Digital indicator GI410 LCD INOX IP54 12V	210177
Digital indicator GI410 LCD INOX IP65	210172
Digital indicator GI410 LCD INOX IP68	210213



### GI400/GI400i LCD- BAT LI-ION

The same functions weight-tare indicator but with lithium battery included.

Description	Code #
Indicator GI400 ABS LCD BAT LI ION IP65	210227
Indicator GI400 INOX LCD BAT LI ION IP65	210228





## GI410i LCD IP69K

Compact with IP69K protection, ideal for demanding and humid environments.

Description	Code #
GI410i LCD stainless steel IP69k (100-240 VAC)	210403
GI410i LCD stainless steel IP69k+Ethernet (100-240 VAC)	210403-01
GI410i LCD stainless steel IP69k 12 VDC	210413

## GI400i-GI410i EX

The same tare weight functions in an ATEX zone 2 and zone 22 certified device.

Description	Code #
Indicator GI410i LCD IP68 ATEX	210266
Indicator GI410i LCD IP68 ATEX 12V	210293
Indicator GI400i LCD IP68 ATEX	210267
Indicator GI400i LCD IP68 ATEX 12V	210294
External battery ATEX Zone 2/22 Pack*	220039
Additional external battery ATEX Zone 2/22*	220041
Column wall support pack with column adapter	220040

\*In case of requiring an external battery, this must be chosen at the time of ordering, as well as the bracket. Available for 12V indicators (the optional external battery overrides the 12V mains supply).

## GI410i LCD PRINT

Digital indicator with piece counting and checkweigher functions. Built-in thermal printer.

Description	Code #	936
Stainless steel numerical indicator with IP54 protection	210255	

## Optional

Description	Code #	ABS GI400- GI410	INOX GI400- GI410	GI410 IP69K	GI400 BAT LI- ION	GI410i PRINT
Internal battery (2,6Ah) Litio-ion (in ABS)	220001-0	✓	-	-	-	-
Internal battery (3,7 V/5,2Ah) Litio-ion (in stainless steel)	220001	-	✓	-	-	-
Internal battery 7.4v-3.5ah (for 12 VDC indicators)	220001-8	-	-	✓	-	-
Internal battery 3.7v-7ah (for Model 100-240 VAC)	220001-7	-	-	✓	-	-
RS485 output	220002	✓	✓	-	✓	-
RS485 output 485/422 IP69k	220002-5	-	-	✓	-	-
Additional plate 4/20mA	220003	-	✓	-	-	-
Analogue output 4-20mA / 0-10V	220003-4	-	-	✓	-	-
Analogue output 4/20ma + digital output 4E / 4S relays	220060	-	-	✓	-	-
Additional board 4E / 4S relays (IP54-IP65)	220004	-	✓	-	-	-
Additional plate 4E / 4S relays (IP68)	220004-2	-	✓	-	-	-
Digital output 4E / 4S relays	220004-3	-	-	✓	-	-
Communication board Ethernet	220005	-	✓	-	-	✓
Communication board Ethernet GI410 stainless steel IP69k	220005-4	-	-	✓	-	-
Communication board Wifi**	220021-2	✓	✓	-	-	-
ALIBI/DSD memory add-on board	220008	✓	✓	✓	✓	✓
Power supply cable 100V-240VAC <b>IP65-68</b> BS1363 (UK)	220243	✓	✓	-	-	-
Power supply cable 100V-240VAC <b>IP65-68</b> SEV1011(CH)	220244	✓	✓	-	-	-
Power supply cable 100V-240VAC <b>IP65-68</b> TIPO B (USA)	220245	✓	✓	-	-	-
Power supply cable 100V-240VA <b>IP54</b> BS1363 (UK)	220247	✓	✓	-	-	✓
Power supply cable 100V-240VAC <b>IP54</b> SEV1011 (CH)	220248	✓	✓	-	-	✓
Power supply cable 100V-240VAC <b>IP54</b> TIPO B (USA)	220249	✓	✓	-	-	✓
Lithium battery charger 100V-240VAC IP65 (UK-CH-USA)	220251	-	-	-	✓	-

In the stainless steel indicator version, only one of the following options can be selected: 220001 | 220003 | 220004 | 220005, except when choosing IP68 protection, in which case two options may be selected. \*\*The Wi-Fi option will override the Ethernet connection.



# GI4XX series

## INDICATORS



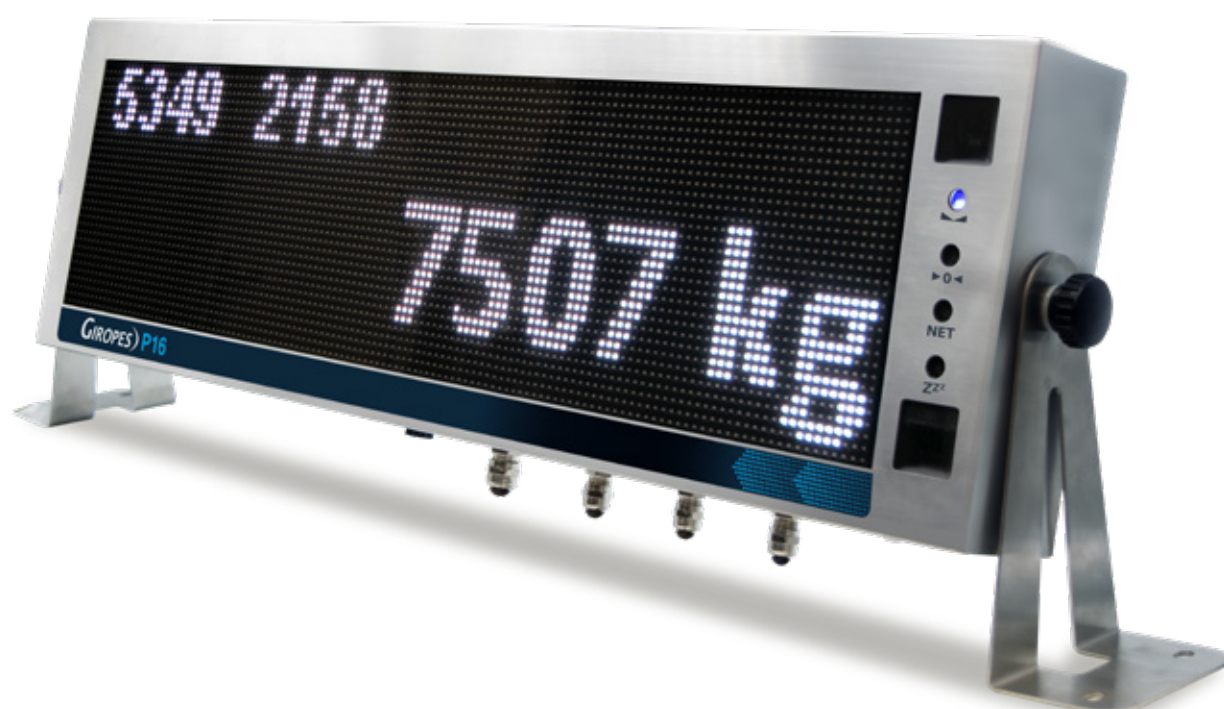
GI410i EX



GI410i PRINT

# P16

Alphanumeric repeater with large screen.  
In stainless steel with IP66 protection.



## Features

### MAIN FEATURES

<b>Display</b>	High-intensity RGB LED matrix, 128x32 LEDs, 5 mm pitch (640x160 mm)
<b>Brightness</b>	7 brightness levels, manual and automatic modes
<b>Colours</b>	7 configurable Colours
<b>Text and formats</b>	Fullscreen (95 mm), single weight (70 mm), weight + reference <com>, or multi-weight (45 mm)
<b>Indicators</b>	4 LEDs to indicate stability, zero, net weight, and standby
<b>Remote Control</b>	Infrared technology. Allows device configuration up to 6 m away. Shortcut keys to change display mode and brightness.
<b>Software</b>	GIMANAGER

### TECHNICAL SPECIFICATIONS

- » Connection to mains power: 110–240 V AC, 50/60 Hz
- » Power consumption: 35 W
- » Power supply cable: 2 metres in length
- » Configurable transmission speeds: from 300 to 115200 baud
- » Bit configuration: supports 7, 8 or 9 data bits, with option for 1 or 2 stop bits
- » Configurable parity: none, even, or odd
- » 21 input/output protocols + customisable TAG protocol

## Standard communication interfaces

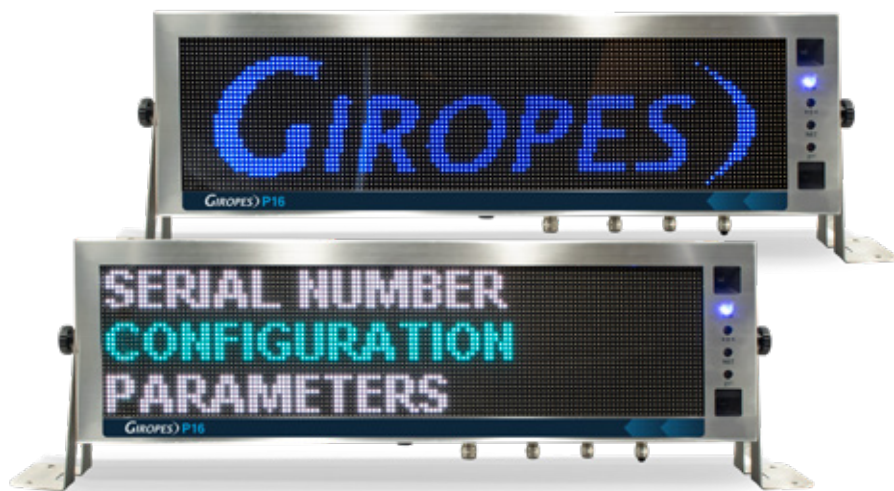
2x bidirectional RS232 connections (cable included)\*

RS485 connection (cable included)\*

Remote control included

Optional: Ethernet or Wi-Fi connection

\*Cable length: 15 m. Only one cable option can be selected: RS232 or RS485.



**GIROPES**



**P16**

**REPEATERS**

**M** **66**  
IP

## Configuration & Visualisation

### MAIN FUNCTIONS

- » Search for repeaters connected via network or serial port
- » Firmware update downloads
- » Management of basic configurations and firmware backups
- » Configuration of P16 repeater parameters (general and communication)

### REAL-TIME VISUALISATION OF THE SCALE WEIGHT

### FOLDER SYSTEM

- » For exported configurations and firmware backups

### FOR EXPORTED CONFIGURATIONS AND FIRMWARE BACKUPS

- » Communication settings
- » Regional parameters
- » Panel parameters



### REMOTE CONTROL

Allows configuration of the repeater and main functions: TARE and ZERO.  
Maximum range: 6 m outdoors.

## Accessories

Description	Code #
Support for hanging on pole	220269
Visor	220270

## References

Description	Code #
P16 IP66	210371
P16 IP66 WIFI	210372
P16 IP66 ETHERNET	210373

## Functions

### REPEATER MODE WITH CHANNEL SUMMING FUNCTION (4 input/output channels available)

» The device is prepared to display the visualisation of the 4 channels (COM) and the total sum of all channels: 2 RS232 + 1 RS485 + 1 Wi-Fi or Ethernet (optional).

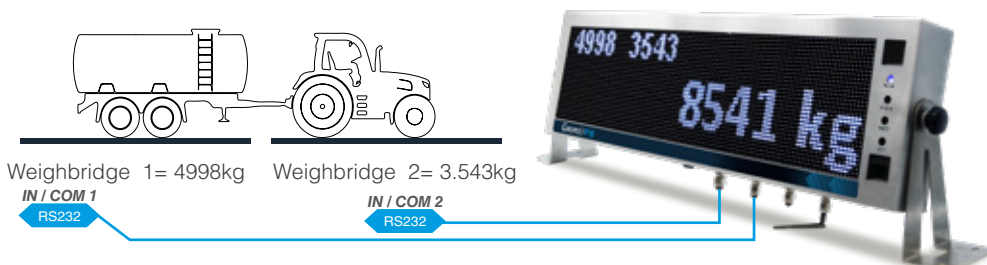
» Channel summing is a perfect solution for combining the weights from multiple scales. Various input/output combinations can be configured depending on the installation.



## Repeater Mode – Channel Summing

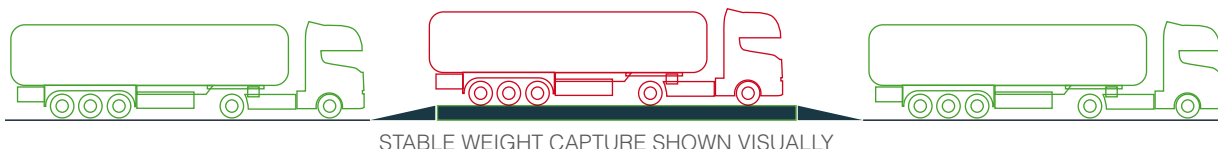
The device is prepared to display up to 4 COM channels and the sum of their values. These channels include: 2x RS232, 1x RS485, and 1x Wi-Fi or Ethernet (optional). Various input/output combinations can be configured depending on the installation.

Example of a possible installation with two weighbridges



## Modo Repetidor - Repeater Mode – Traffic Light Function

Repeater display mode with traffic light functionality, enabled via the **GIROPES** protocol. This provides a visual guide for truck entry (green digits "0"), the weighing process, stable weight indication (digits in red), weight capture (saved value), and exit (digits turn green). Designed for weighbridges with GI430 and GI450 indicators running weighbridge firmware.



## Repeater Mode – Checkweigher (Weight Control)

The device supports display of 4 checkweigher zones, synchronised with the connected weighing indicator.



## Panel Mode – Weighbridge (GI650 + GIROPES Protocol)

\*GIMANAGER required

Visualisation with traffic light function activated via the **GIROPES** protocol, providing a visual guide for truck entry (green digits "0" with text "Ready" and "Entry"), stable weighing process (red digits "Stop"), weight capture, and exit (green digits "Go"). Designed for weighbridges using GI650 indicators.



## Panel Mode – Dynamic Weighing (GI620)

**Dynamic weighing up to 5 km/h >>>** Axle-by-axle vehicle weighing

Display with Axle Weighbridge function: 5 seconds between axle readings and visualisation of the total axle sum.



# R45

## High-visibility compact repeater.

Equipped with 3 communication channels to enable advanced functions such as channel totalisation, data export, and repeater mode.

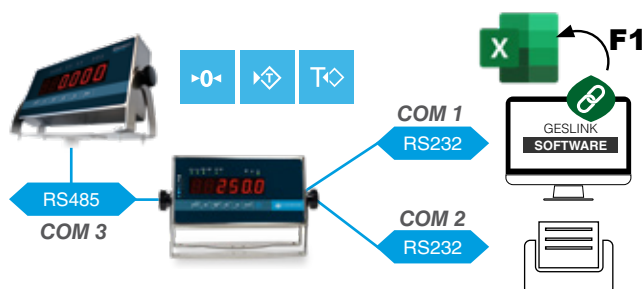


## Technical specifications

Screen	LED with 6 digits (45 mm height)
Protection	IP65
Inputs	COM 1: RS232 COM 2: RS232 COM 3: RS485
Cable	15 m included

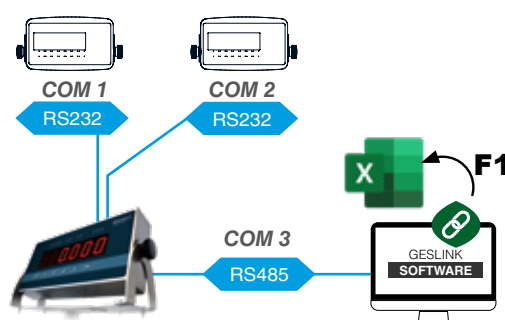
## Repeater Mode

Example of configuration in repeater mode.



## Weight Summing Function

Example of configuration using the summing function.



## References

Description	Code #
6-digit weight repeater with 45 mm digit height	210185



# GESTRUCK

Vehicle weighing software for industrial plants.

## Manage your weighbridges



STOCKS ZONE  
MANAGEMENT



CLOUD SERVER

Total commitment to quality, cutting-edge technology, and a strong focus on development and innovation to deliver the best weighing solutions for any market.

WEB & APP







*With GesTruck2 the users can register and process, in a quick and efficient way, the traffic in their weighbridges.*

The software offers a complete control of the weighing operations of vehicles, with an easy to understand interface, and which facilitates, above all, the collection of the desired information with the maximum accuracy and quickness possible.

- » Inventory control
- » Management of storage areas
- » Statistical analysis

It supports different installation structures: from the most basic one (only one working station) to complex installations of autonomous systems of weighing management.

#### customizable software

- » First and foremost, Gestruck is customizable in many aspects such as filters, data sending, program operation options, assigning roles and users. And it even offers the customization of tickets.



#### Control Devices

- » It allows the management of different control devices such as: control Access systems to the scales via barriers, vertical signs, automatic recognition of plate numbers via IP video cameras, proximity card readers, bar code reader, the correct placement of the vehicle in the scale, etc.
- » GesTruck2 is an incremental system which adapts itself to the necessities of every business model. It has different versions which allow it to grow up at the same rhythm that the company does.

## Gestruk Slim | One | Pro

### GESTRUCKSLIM

Standard version, easy and mono use. For installations of up to two scales in a weighing zone.

### GESTRUCKONE

Multi-sector version for installations of up to five industrial scales, access and presence control. Installation triels, access control and presence. Installation on a single computer.

### GESTRUCKPRO

Multisectoral version. It allows to integrate all the modules and to accede using a mobile devices. Network installation.

#### MAIN FEATURES

	SLIM	ONE	PRO/GESNET2
Database	SQLite	MySQL (local)	MySQL
Number of users	1	5	indeterminate
Ticket formats	2	5	indeterminate
Number of controllable scales	2	2 -5 (optional)	indeterminate

# Licenses

	SLIM	ONE	PRO
Description	Code #	Code #	Code #
License PC desktop	280076	280077	280078
Additional Licenses	-	-	280085

OPTIONAL	Code #
Annual support and maintenance contract	-
*Direct customer support and updates ().	
GESTRUCK2 installation in GIROPES factory	280124
Basic implementation system	
Basic implementation system with automation	280210
Prices hour SAT	110000 - 110001
Prices hour support SW	280243
Personalization of the weighing tickets	
Development of the product of the display for the costumer	280131
Software development to measure (price / hour)	280214

## Modules

### COMPLETE YOUR GESTRUCK

MODULES PERSONALIZATION	Code #	SLIM	ONE	PRO
<b>Integration of the system ERP</b> It allows the integration with third-party ERP systems. - webservice-	280139	-	✓	✓
<b>Development of the product of the display for the costumer</b> For other protocols not included in series.	280131	✓	✓	✓
<b>Personalization of the weighing tickets</b> Weighing format Ticket	280130	✓	✓	✓

## Modules

### ACCESS/EXIT CONTROL AND VEHICLE POSITIONING MODULES

VISUAL INSPECTION	Code #	SLIM	ONE	PRO
<b>Visual inspection system (GESTRUCK PRO only)</b> MODULES CCTV contextual cameras	280115	-	-	✓
<b>Devices for the positioning system</b> Set camera CCTV				

see pag. 113

VEHICLE RECOGNITION SYSTEM	Code #	SLIM	ONE	PRO
<b>Systems of automatic license plate recognition (GESTRUCK PRO only)</b> Reading Module camera ANPR/LPR (2 cameras) - Automatic plate reading	280651	-	-	✓
Reading Module camera ANPR/LPR (>2 cameras) - Automatic plate reading	-	✓	✓	✓
<b>VISUAL INSPECTION AND VEHICLE RECOGNITION SYSTEM</b> Set camera ANPR				

see pag. 113

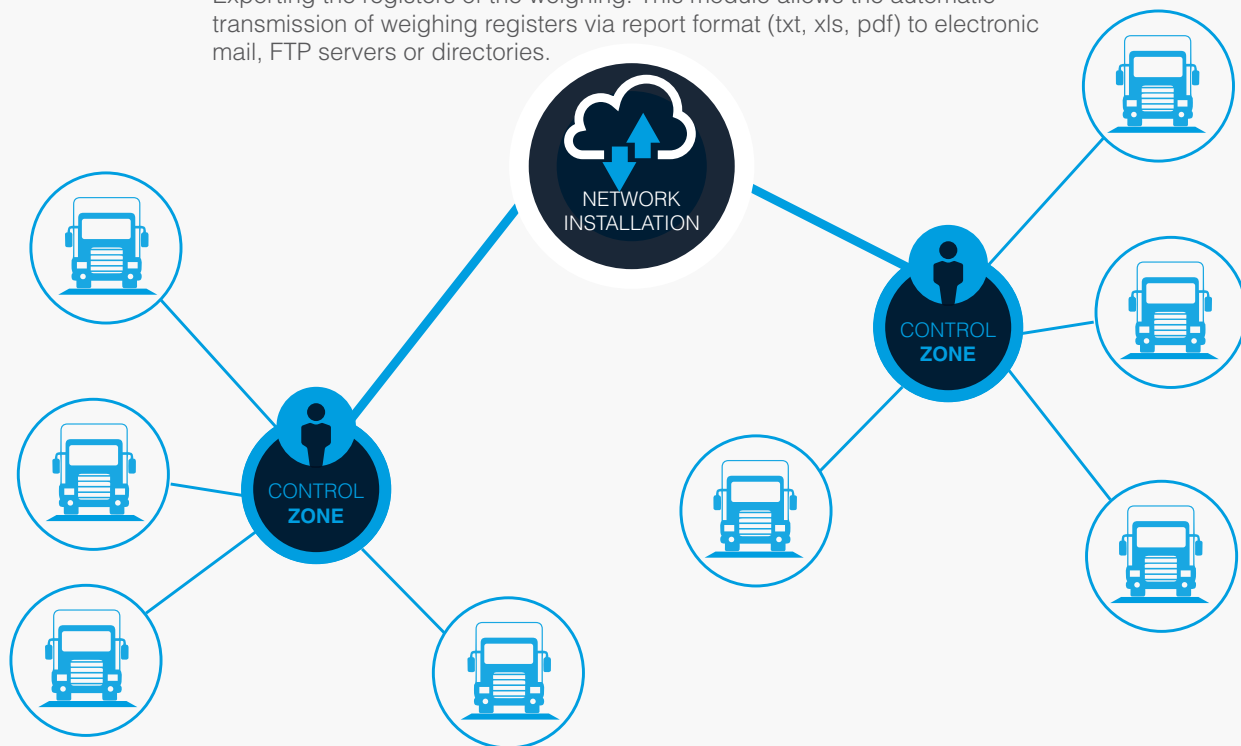
TERMINALS	Code #	SLIM	ONE	PRO
<b>Terminals for autonomous station</b> Module of unattended weighing terminal management - The Gestruck2 program can be completed by installing the Terminals The Terminals will require the activation of this module to control them.	280143	-	✓	✓
<b>Terminals available</b>				

see pag. 102



*Multisectoral version. It allows to integrate all the modules and to accede using a mobile devices. Network installation.*

Exporting the registers of the weighing. This module allows the automatic transmission of weighing registers via report format (txt, xls, pdf) to electronic mail, FTP servers or directories.



## Internal and External Communications

### ✓ Identification

Authentication system via radiofrequency cards, documents with barcodes or QR.

### ✓ Digital signature

Module of digital signature. Digital registry of the signature for documentation.

Tablet of writing \* (Il est indispensable d'en choisir ou d'en avoir une)

### ✓ System for data synchronization

System in charge of synchronizing the data between two or more Gestruck2 workstations or between the software Gestruck2 and the Ges2Web.

\*Display in the browser (via the platform Ges2Web, on request)

DEVICES	Code #
Red traffic light 12/200 with the galvanized column of 3 m.	-
Painted barrier with inductive loops and photocell. Mast: 4 m.	280556
Bicanal transmitter 250k-slimrp 433.92 mhz with "rolling code" technology	281030
Bicanal transmitter 250s-2rp 433.92 mhz with "rolling code" technology	281031
Quad-channel transmitter 250s-4rp 433.92 mhz with "rolling code" technology	281032

## DYNAMIC WEIGHING MODULE FOR SOFTWARE GESTRUCK PRO

### ✓ Axle weighing system

Low speed dynamic weighing module

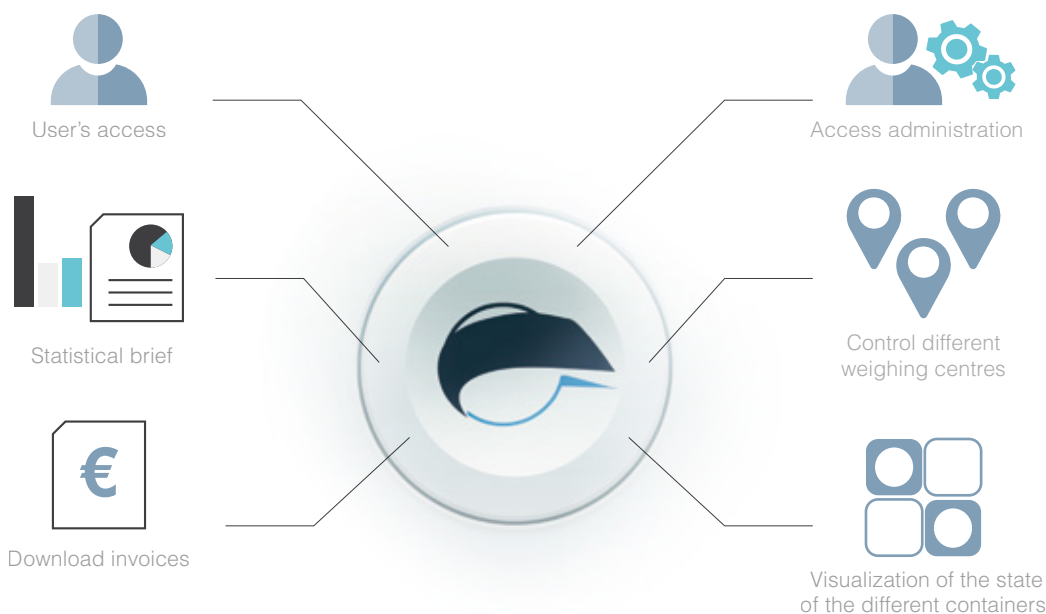
Code #

-



## CLOUD MANAGEMENT SOLUTION

*Associated with the  
GesTruck2 or the  
application GT2App  
it will allow the control  
of all its production  
plants.*



It enables the management of all the entities which interfere in a weighing process (companies, vehicles, materials, etc.). Associated with the GesTruck2 or the application GT2App it will allow the control of all its production plants.

### ACCESS ADMINISTRATION:

- » Definition of materials
- » Empowerment of vehicles
- » Possibility to control different weighing centres
- » Visualization of the state of the different containers of the centre

### USER'S ACCESS:

- » Visualization of the data of the company
- » Statistical brief
- » Possibility to download invoices

Web & app



*It allows the capture of the weighing  
and send it to the Ges2Web*



Quick search of  
vehicles



Weighing  
function

## OFFLINE / ONLINE

*This application offers the possibility to use it offline after the first data upload.  
The process is synchronized when the line is restored.*

Complete management of data collection of the entrances and details of the vehicle

### AVAILABLE IN PLAY STORE FOR TABLETS AND ANDROID MOBILES.

» This structure, thanks to the mobile and web application, gives the possibility to become the new transportable generation of GesTruck2.

### PEDESTRIAN OPERATOR OF THE SCALE

- » Quick search of users and vehicles
- » Creation of user in the same search
- » Weighing or sharing materials function

Web & app



# GESTNET

Vehicle weighing software for waste management plants.

## Registers and processes traffic at recycling plants



STOCKS ZONE  
MANAGEMENT



CLOUD SERVER

Total commitment to quality, cutting-edge technology, and strong focus on research and innovation to deliver the best weighing equipment solutions for any market.

WEB AND APP







*GesNet2 is the solution that GIROPES offers for the automation and management of weighbridges in recycling plants.*

- » It supports different installation structures: from the most basic one (only one working station) to complex installations of autonomous systems of weighing management.
- » The software offers a complete control of the weighing operations of vehicles. With GesNet2 the owners can register and process, in an efficient and quick way, the traffic of their weighbridges. It also allows having relevant information useful for the management departments, inventory control, and management of storage areas, statistical analysis, and more.
- » Access control. It allows the management of different control devices such as: control Access systems to the scales via barriers, vertical signs, automatic recognition of plate numbers via IP video cameras, proximity card readers, bar code reader, the correct placement of the vehicle in the scale, etc.



## Functions specifications Gesnet2

### DESCENTRALIZED SYSTEM

The control of the different installations with connection and access to data according to the user's necessity: 3G, Ethernet, data server or cloud

### clean point system

User identification and classification of clean point system. Sorting plant operator for waste/recycling.

### DYNAMIC WEIGHING OPTION

For weighing vehicles in motion at low speed for axle scales.

### PROCESSING AND ENCODIGN MATERIALS

Valuation and distribution of waste.

### CONTAINER LOAD CONTROL

Identification of the level of waste stored inside the container for the management of its collection.

# Licences

Description	Code #	
GESNET2 License	280072	
Additional license	280073	
GESNET2WEB Plataform for web*	280069	
G2APP Application for mobiles devices: tablets and intelligent phones	280302	
*GesNet2Web requires hosting and maintenance ()		
GESNET CLOUD (annual price)	280070	

OPTIONAL	Code #	
Annual support and maintenance contract	-	
*Direct customer support and updates ().		
GESNET2 installation in GIROPES factory	280124	
Basic implementation system	280207	
Basic implementation system with automation	280210	
Prices hour SAT	110000 - 110001	
Prices hour support SW	280243	
Personalization of the weighing tickets	280130	
Development of the product of the display for the costumer	280131	
Software development to measure (price / hour)	280214	

# Modules

## DINAMIC WEIGHING

### MODULE DINAMIC WEIGHING

✓ Axle weighing system	Code #	
Modules dinamic weighing at low speed	-	

# Modules

## ACCESS/EXIT CONTROL AND VEHICLE POSITIONING MODULES

VISUAL INSPECTION	Code #	
<b>Visual inspection system</b>		
MODULES CCTV contextual cameras	280115	
<b>DEVICES FOR THE POSITIONING SYSTEM</b>		
Set camera CCTV		see page 113

VEHICLE RECOGNITION SYSTEM	Code #	
<b>Systems of automatic license plate recognition</b>		
Reading Module camera ANPR/LPR (2 cameras) - Automatic plate readin	280651	
Reading Module camera ANPR/LPR (>2 cameras) - Automatic plate reading	-	
<b>Devices for visual inspection and vehicle recognition system</b>		
* specifications and prices		
Set camera ANPR		see page 113

TERMINALS	Code #	
<b>Terminals for autonomous station</b>		
Module of unattended weighing terminal management - The Gesnet2 program can be completed by installing the Terminals The Terminals will require the activation of this module to control them.	280143	
<b>Terminals available</b>		see page 102



## CLOUD MANAGEMENT SOLUTION

GESNET2WEB enables the management of all the entities which interfere in a weighing process (companies, vehicles, materials, etc). Associated with the GesNet2 or the application G2App it will allow the control of all its sorting plants.



WEB & APP Solution  
of GESNET2



### ACCESS ADMINISTRATION:

- » Definition of materials
- » Empowerment of vehicles
- » Possibility to control different weighing centres
- » Visualization of the state of the different containers of the centre

### USER'S ACCESS:

Visualization of the data of the company

- » Statistical brief
- » Possibility to download invoices
- » Access to bonus system

### RECYCLING BONUS

- » Function activated to subsidise to the users according to personalized parameters.
- » The parameters included can be: days, user, kilograms of delivered material, etc.
- » Bonus applicable in waste rate

### BILLING

- » The function to determine recycling surpluses is activated.



## G2APP

It allows the capture of the weighing and sends it to the GesNet2Web.

- » It allows the capture of the weighing and sends it to the GesNet2Web. This structure, via a mobile and web application enables the device to become the new portable generation of the GesNet2.
- » Complete management of data collection during the entrance of the materials and details of the vehicle.
- » It is available in Play Store for Android tablets and mobile phones.

### online / offline

This application offers the possibility to use it offline after the first data upload. The process is synchronized when the line is restored.

Web & app





# GST1

Small self-service terminal with integrated RFID reader.

## SOFTWARE FOR THE TERMINAL

**G2auto  
terminal**  
fully automatic

## PC SOFTWARE MANAGEMENT



## Features

- » Terminal for a independents station with RFID lector of ID cards.
- » Installation Kit in steel version and stainless steel

### Included

- » RFID lector/MFARE
- » Card Manager System
- » 2 LED indicators
- » 10 RFID cards

### gst1 Versions

- » GST1 Terminal in painted steel
- » GST1 Terminal in stainless steel

*\* Check required indicator version*

## References

TERMINALS		Code #
GST1 Terminal in painted steel		280348
GST1 Terminal in stainless steel		280347
COLUMN FOR TERMINALS		Code #
Stainless steel column for terminals		280518
Galvanized column for terminals		280574
LICENSES		Code #
License system G2 automatic		280088
<i>*It enables that the Terminals GST1 to work against the GESNET2 in unattended way (without operator).</i>		
TERMINAL MODULES		Code #
Management module of unattended weighing terminals.		280143
Office Software <i>*Consult Specifications, options and prices.</i>		-

Gestruck2 and Gesnet2 Software can be completed with the Terminals installation. It will be required this module activation to control it.

# GST-TPV

Terminal for autonomous station with payment module via card or smartphone.

## SOFTWARE FOR THE TERMINAL

**G2auto terminal**  
fully automatic

## PC SOFTWARE MANAGEMENT



## Features

- » Terminal for autonomous station with smartphone or credit card payment module.
- » Installation Kit in steel version and stainless steel.
- » Carrier comfort use
- » Payment Module with contact less
- » It is possible to make the payment with inserted card, contact less or smartphone. Numeric keyboard with Screen LCD to give instructions and manage the payment.

### Included

- » Contact less lector
- » Credit cards lector
- » Embedded ticket printer
- » Keyboard with LCD display for the management of the weighing payment
- » Visor

### OPTIONAL

- » Connexion 3G/4G

### Versions gst-tpv

- » GST-TPV Terminal in painted steel
- » GST-TPV Terminal in stainless steel

*\* Internet connection needed.*

## Terminals & Licences

TERMINALS	Code #
GST-TPV Terminal in painted steel	280426
GST-TPV Terminal in stainless steel	280595
COLUMN FOR TERMINALS	Code #
Stainless steel column for terminals	280518
Galvanized column for terminals	280574
LICENCES	Code #
Embedded system license for autonomous station G2 automatic	280088
<i>* Allows the GST-TPV terminals to work for the unattended GESNET 2 (without operator).</i>	
TERMINAL MODULES	Code #
Management module of unattended weighing terminals.	280143
Office Software <i>*Consult Specifications, options and prices.</i>	-

Gestruck2 and Gesnet2 Software can be completed with the Terminals installation. It will be required this module activation to control it.

# GST1 PLUS

Configurable self-service terminal  
with integrated RFID reader.





# GST1 PLUS

## TERMINALS

### SOFTWARE FOR THE TERMINAL

**G2 AUTOMATIC**  
fully automatic

### PC SOFTWARE MANAGEMENT



## Features

- » Terminal for Autonomous Station with RFID Proximity Reader
- » Installation Kit available in Painted Steel and Stainless Steel versions
- » Compact and configurable.

### INCLUDES

- » RFID/MIFARE reader
- » Card management system
- » 2 pulsadores
- » 10 RFID cards
- » Protective visor

### OPTIONAL

- » Printer
- » Intercom

### GST1 PLUS VERSIONS

- » GST1 PLUS terminal in painted steel
- » GST1 PLUS terminal in stainless steel

*\*Consult required indicator version*

## References

TERMINALS		Code #
GST1 Plus Terminal Inox		280438
GST1 Plus Terminal Inox + Printer		280440
GST1 Plus Terminal Inox + Intercom		280442
GST1 Plus Terminal Inox + Printer + Intercom		280444
GST1 Plus Terminal Painted		280439
GST1 Plus Terminal Painted + Printer		280441
GST1 Plus Terminal Painted + Intercom		280443
GST1 Plus Terminal Painted + Printer + Intercom		280445
10 RFID cards		-
COLUMN FOR TERMINALS		Code #
Terminal mounting post – stainless steel		280518
Terminal mounting post – galvanized		280574
LICENCES		Code #
Embedded system license – G2 AUTOMATIC		280088
<i>*Enables GST1 terminals to operate with unattended Gesnet2 (operator-free).</i>		
TERMINAL MODULES		Code #
Unattended Weighing Terminal Management Module		280143
Office Software. *Check specifications, options, and pricing.		-

*Gestruck2 and Gesnet2 Software can be completed with the Terminals installation. It will be required this module activation to control it.*

# GST2

Self-service terminal with integrated RFID reader and optional module support.

## SOFTWARE FOR THE TERMINAL

**G2auto terminal**  
fully automatic

## PC SOFTWARE MANAGEMENT



## Features

### INCLUDES

- » RFID/MIFARE reader
- » Card management system
- » 2 pulsadores
- » Screen LCD
- » Protective visor in stainless steel
- » 10 RFID cards

### OPTIONAL

- » Intercom\*
- » Barcode reader, includes 2D barcode management system\*
- » Alphanumeric or numeric vandal-proof keyboard (disables push buttons)\*
- » Thermal printer
- » EMBEDDED system with ventilation (includes integrated GESTRUCKPRO software)

### GST2 VERSIONS

- » GST2 terminal in painted steel
- » GST2 terminal in stainless steel

*\*Internal controller required: 3-channel, 5-channel, or 10-channel controller.*

*\*If selecting the barcode reader or keyboard, the optional EMBEDDED system is mandatory.*

# GST2

## TERMINALS

### References

TERMINALS	Code #
GST2 terminal in painted steel with RFID (standard version)	280571
GST2 terminal in stainless steel with RFID (standard version)	280566

CONFIGURACIONES CON Optional	Printer	Video intercom	Intercom	Code #
GST2 <b>Painted</b> + CONF. Option CONF. 1	✓			280572
GST2 <b>Painted</b> + CONF. Option CONF. 2		✓		-
GST2 <b>Painted</b> + CONF. Option CONF. 3	✓		✓	280573
GST2 <b>Stainless Steel</b> + CONF. Option CONF. 1	✓			280567
GST2 <b>Stainless Steel</b> + CONF. Option CONF. 2		✓		-
GST2 <b>Stainless Steel</b> + CONF. Option CONF. 3	✓		✓	280568

COLUMN FOR TERMINALS	Code #
Terminal mounting post – stainless steel	280518
Terminal mounting post – galvanized	280574

LICENCES	Code #
Embedded system license – G2 AUTOMATIC	280088

*\*Enables GST2 terminals to operate with unattended Gesnet2 (operator-free).*

TERMINAL MODULES	Code #
Management module for unattended weighing terminals	280143

*\*Consult specifications, options, and pricing*

MORE OPTIONALS	Code #
Barcode scanner (requires EMBEDDED system)	-
Vandal-proof keyboard	-
3G/4G communication	-
Generic RFID card	280030

CONTROL UNITS	Code #
Control unit for IP intercom (SIP)	280183
Control unit for IP video intercom (SIP)	280328

*Gestrukt2 and Gesnet2 Software can be completed with the Terminals installation. It will be required this module activation to control it.*



# GST4

Terminal for autonomous station with RFID reader and touchscreen.

## PC SOFTWARE MANAGEMENT



## Features

### INCLUDES

- » Touchscreen
- » RFID card reading system with card management
- » Protective visor in stainless steel
- » 10 RFID cards

### GST4 VERSIONS

- » GST4 terminal in painted steel
- » GST4 terminal in stainless steel

### OPTIONAL

- » Intercom\*
- » Barcode reader, includes 2D barcode management system
- » Thermal printer
- » Video intercom
- » 3G/4G communication

*\*Internal controller required: 3-channel, 5-channel, or 10-channel controller.*

## Software for Terminal GST4



### ECO TERMINAL

Software touch used in GST4 terminal created to perform in the easiest possible way the weighing process in Green points. The system works in a semi-autonomous way, and it can function together with some little interaction by the weighing operator or the driver, depending on the customers' needs and the work permits and the roles assigned for the use of the terminal.



### G2 TERMINAL

Software touch used in the terminal GST4 to perform the weighing process in lorries in a semi-autonomous way, requesting for the interaction of the driver so that the weighing scale operator would not be needed. The system requires only the necessary data to perform the weighing of the different materials and register it, optimizing as much as possible the time invested in the weighing process.



### G2 TERMINAL NW

Software touch used in GST4 terminal created to perform in the easiest possible way the weighing process in net weight. The system works in a semi-autonomous way, and it can function together with some little interaction by the weighing operator or the driver, depending on the customers' needs and the work permits and the roles assigned for the use of the terminal.

*\*Gestruck2 and Gesnet2 software can be complemented with terminal installation. Activation of this module is required for proper control*

# GST4

## TERMINALS

### References

TERMINALS	Code #
GST4 terminal in painted steel with touch screen and RFID (version standard)	280507
GST4 terminal in stainless steel with touch screen and RFID (version standard)	280513
GST4 terminal in stainless steel recessed with touch screen and RFID (version standard)	-

CONFIGURATION WITH OPTIONALS	Printer	Intercom	Barcode scanner	Code #
GST4 PAINTED + OPTION CONF. 1	✓			280508
GST4 PAINTED + OPTION CONF. 2	✓	✓		280509
GST4 PAINTED + OPTION CONF. 3	✓	✓	✓	280510
GST4 PAINTED + OPTION CONF. 4	✓		✓	280511
GST4 INOX + OPTION CONF. 1	✓			280514
GST4 INOX + OPTION CONF. 2	✓	✓		280515
GST4 INOX + OPTION CONF. 3	✓	✓	✓	280516
GST4 INOX + OPTION CONF. 4	✓		✓	280517

COLUMN FOR TERMINALS	Code #
Terminal mounting post – stainless steel	280518
Terminal mounting post – galvanized	280574

LICENCES	Code #
Licencia of sistema integrada for el terminal no supervisado GST4	280089

TERMINAL MODULES	Code #
Módulo of gestión of terminales of pesaje desatendidos.	280143
Software of oficina	-

*\*Consult specifications, options, and pricing*

MORE OPTIONALS (Check availability according to the terminal)	Code #
Intercom	-
Generic RFID card	280030
Communication 3G / 4G	-

CONTROL UNITS	Code #
Control unit for IP intercom (SIP)	280183
Control unit for IP video intercom (SIP)	280328

*\*Los terminales con interfaz de control IP necesitan una centralita mínima o una centralita*

*\*Los terminales con interfaz de control por cable necesitan una centralita*

# GI500SS

## Alphanumeric indicator in stainless steel with integrated coin acceptor.

### Functions

- » Scale zeroing
- » Configurable free weighing
- » Programmable rates
- » Customer identification
- » Weighing types per customer
- » Settlement reports
- » Traffic light management
- » Printing options

### Section I/O

- » 1 RS232/C output for data transmission to PC
- » 1 ETHERNET output (optional)
- » 2 opto-isolated outputs for traffic light/barrier control

### Features

- » The GI500SS indicator is a self-service weight indicator for public weighbridges up to 60 tons, where issuing the weighing ticket requires prior payment of a predefined amount.
- » CE-M approved for 3000 divisions. Up to 10,000 non-approved divisions, 4000 non-approved multi-range divisions.
- » 4-line, 20-characters-per-line alphanumeric LCD screen with backlight.
- » Standard PC keyboard connection – very useful when alphanumeric input is required during configuration (ticket headers, customer names, etc.).
- » Supports up to 8 load cells connected in parallel to the weighbridge input.
- » Power supply via 220 V AC mains connection.
- » Coin selector. The unit includes a coin selector capable of recognizing the following legal tender coins: 0.05 / 0.10 / 0.20 / 0.50 / 1 / 2.
- » Acceptance and return button. Allows users to recover inserted coins if the operation is canceled. In case of the "scale not at zero" error, it enables zeroing the scale.
- » External and internal display. Equipped with a keyboard and internal display for configuring various functions.
- » Thermal printer with autocutter. Allows for ticket generation and report printing. The only maintenance required is paper roll replacement — no ink changes needed.
- » iButton reader. For customer identification. Each iButton has a unique serial number, enabling the system to maintain a customer database that stores name, code, number of weighings, available/total credit, payment method, weighing type, last weighing (date, time, and weight), and vehicle tare.



### References

#### TERMINAL

Alphanumerical purse indicator

#### Code #

210060

#### ACCESSORIES

PC Keyboard

Ethernet

#### Code #

630036

270303



# I/O DEVICES

Weighbridges Entry and Exit.  
Fully configurable and automatable.



Multiple automation options for weighing systems, automatic identification and vehicle traffic management through access control.

## Traffic light

Semáforo LED green-red que permite avisar al conductor of la autorización of entrada y/o salida of la estación of pesaje.



Description	Code #
Semáforo green-red 12/200 con columna galvanizada of 3m	280135

## Inductive loops

Used to detect the presence of vehicles using an inductive cable buried in the ground (cable not included).



Description	Code #
Single channel inductive loop detector	280558

## Infrared curtain

Within a weighing system, the infrared photodevices allow the control of the positioning of the truck on the weighbridge.



Description	Code #
Vehicle positioning set on scales	280298
Column for photocells	-
Infrared photodevice (2 pc. set: transmitter and receiver)	-

\* Control panel necessary for the installation of these devices.

## Automatic barriers

The fast automatic barriers are the ideal solution to control the entry and exit of vehicles in the weighing station.



Description	Code #
Painted barrier with inductive loops and photocell. Neck: 4 m.	280556
Two-channel transmitter 250k-slimrp 433.92 MHz with "rolling code" technology	281030
Two-channel transmitter 250s-2rp 433.92 MHz with "rolling code" technology	281031
Four-channel transmitter 250s-4rp 433.92 MHz with "rolling code" technology	281032

## Control cameras

High precision cameras for number plate recognition on rapid roads, with specific applications for the traffic agents and controls of access. There are available recognition cameras and control cameras, depending on the installation necessities.



Description	Code #
ANPR* Camera set	281115
CCTV Camera set	280331

\* Cameras for license plate recognition via the optional module.



GIROPES)  
SERVICIO  
TÉCNICO  
Recursos de camiones  
Equipos de pesaje  
Certificaciones  
Software  
Calibraciones  
+34 972 527 212  
www.giropes.com

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WEIGHING  
SYSTEMS  
*solutions*

## CERTIFICATIONS

GIROPES is firmly committed to delivering high-quality processes and products. We apply advanced quality control procedures across the entire manufacturing and product selection process, backed by nationally and internationally recognized certifications.

***GIROPES SL complies with ISO 9001 and ISO 17025 quality standards. Our audited quality system allows us to perform EC product verification and issue ENAC-certified calibrations for weights and scales.***

### Periodic Verifications

#### ***EC VERIFICATION***

Owners of non-automatic weighing instruments in use for specific purposes are required to request a periodic verification every two years. Use of the instrument is prohibited if it does not pass this metrological control phase or if it does not display a valid verification label in a visible location.

#### ***VERIFICATION AFTER REPAIR OR MODIFICATION***

Following the repair or modification (involving the breaking of seals) of a non-automatic weighing instrument, the owner must request verification after repair or modification before placing the instrument back into service. This verification will be considered equivalent to a periodic verification for the purpose of calculating the next verification deadline.

### Calibrations

GIROPES has its own in-house laboratory, GIRLAB, fully equipped and accredited to issue ENAC calibration certificates for weights and balances.

The laboratory is ISO 17025 accredited, confirming its competence, impartiality, and technical capability.

GIRLAB Calibration and Testing Laboratory, part of GIROPES, is accredited by ENAC to issue certificates for a wide range of precision levels in both weights and balances.

***GIROPES is authorized to issue certificates for precision balances with up to 5 decimal places and high-capacity weighbridges up to 150,000 kg.***

## EC Verification with Load Cells and Indicator

The listed prices do not include the weighbridges with analog load cells, assembly, or the selected indicator.

**Available analog indicators:** GI400 (IP54, IP65), GI400i (IP54, IP65, IP68), GI410 (IP54, IP65), GI410i (IP54, IP65, IP68), GI650i, GI430, and GI650.

**Available digital indicators:** GI430D and GI650D.  
\*In this case, an additional charge for digital load cells (G8RD) must also be included.

### Standard cable

	3 - 6 t		6 - 15 t		15 - 30 t		30 - 60 t		60 - 80 t		80 - 100 t	
Weighbridge length (m)	Code #		Code #		Code #		Code #		Code #		Code #	
6	900055		900062		900069		900076		900083		900090	
8	900056		900063		900070		900077		900084		900091	
12	900057		900064		900071		900078		900085		900092	
14	900058		900065		900072		900079		900086		900093	
16	900059		900066		900073		900080		900087		900094	
18	900060		900067		900074		900081		900088		900095	
24	900061		900068		900075		900082		900089		900096	

### Armored Cable

	3 - 6 t		6 - 15 t		15 - 30 t		30 - 60 t		60 - 80 t		80 - 100 t	
Weighbridge length (m)	Code #		Code #		Code #		Code #		Code #		Code #	
6	900097		900104		900111		900118		900125		900132	
8	900098		900105		900112		900119		900126		900133	
12	900099		900106		900113		900120		900127		900134	
14	900100		900107		900114		900121		900128		900135	
16	900101		900108		900115		900122		900128		900136	
18	900102		900109		900116		900123		900130		900137	
24	900103		900110		900117		900124		900131		900138	

## Service Details

The listed prices cover only the EC verification work performed at our facilities and the issuance of the corresponding certificate.

**Any on-site service at the customer's location will be quoted separately based on the geographic area, and may be carried out by third-party agents.**

Weighbridges can be supplied factory-verified with either analog or digital load cells, along with selected compatible indicators from our range.

The BPPCE EVO and BPPSE EVO (factory-precast concrete version) models can be supplied factory-verified. To choose this option, the weighbridge must be delivered in the simple and/or large pit version, with load cells pre-installed at the factory.

#### REQUIRED INFORMATION

The customer must provide a topographic plan with the elevation levels of the load cell support points, which must not exceed a deviation of  $\pm 3$  mm.



#### SERVICE DETAILS

The listed prices cover only the ENAC calibration work performed at our facilities and the issuance of the corresponding certificate.

**Any on-site service at the customer's location will be quoted separately based on the geographic area, and may be carried out by third-party agents.**

## ENAC Calibration at Factory

\*If requested together with CE approval

CALIBRATION	
Capacity	Code #
6.000 kg	901076
15.000 kg	901077
30.000 kg	901078
40.000 kg	901079
60.000 kg	901080

#### CALIBRATION AND RECALIBRATION – ADDITIONAL COSTS

Additional costs may apply. This service is always subject to a prior quote.

## ENAC Calibration at Factory M1 class weights

CALIBRATION		RECALIBRATION	
Capacity	Code #	Code #	
For 100 kg weight	901034	R901034	
For 200 kg weight	901035	R901035	
For 500 kg weight	901036	R901036	
For 1000 kg weight	901037	R901037	
For 2000 kg weight	901038	R901038	

See weights on page 118

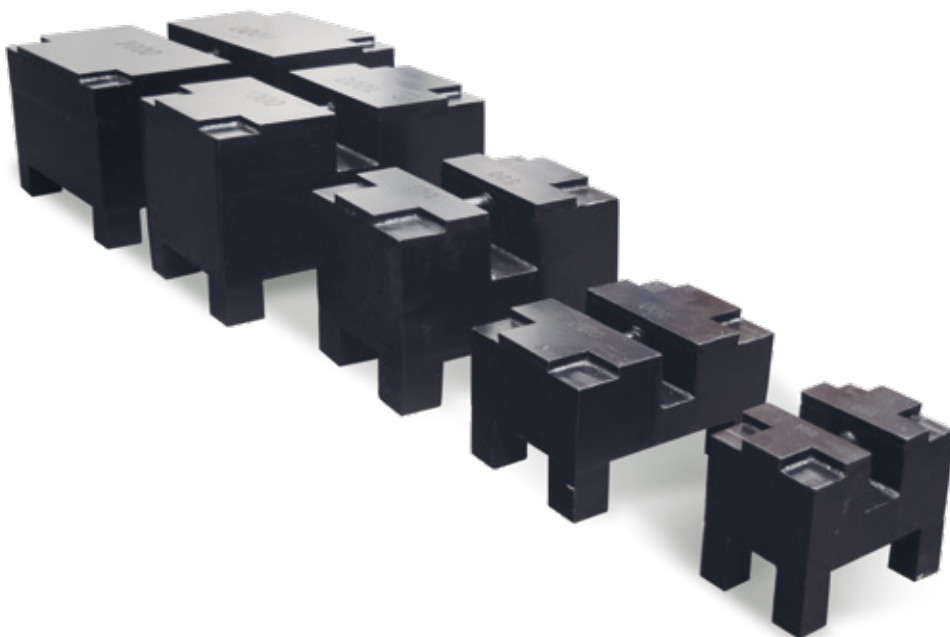
# WEIGHTS

CAPACITIES  
**100 - 2000 kg**

HIGH-CAPACITY  
PRECISION WEIGHTS

M1 CLASS

APPLICATION:  
CRANE SCALE /  
FORKLIFTS



## Specifications

### FEATURES

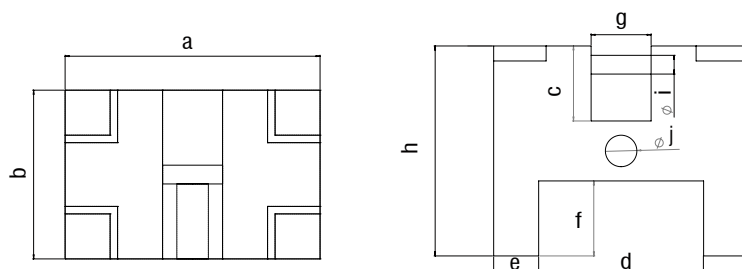
<b>Material</b>	Monoblock-constructed steel weights to prevent weight loss or chipping in the event of accidental impact.
<b>Transport</b>	High-capacity precision weights ensure safe lifting with cranes and forklifts.
<b>Storage</b>	Four corner cavities allow for easy and secure vertical storage.
<b>Calibration</b>	Includes a side stainless steel cavity designed for easy handling during internal weight calibration.



CALIBRATION CAVITY FOR WEIGHTS

## Dimensions (mm)

Capacity (t)	a	b	c	d	e	f	g	h	i	j
<b>100</b>	340	225	100	220	60	100	80	280	Ø 25	Ø42
<b>200</b>	465	340	100	305	80	100	80	280	Ø 25	Ø42
<b>500</b>	550	400	140	350	100	100	100	410	Ø 35	Ø90
<b>1000</b>	750	500	140	550	100	100	120	460	Ø 35	Ø90
<b>2000</b>	950	750	140	750	100	100	120	470	Ø 40	Ø90



## References

Capacity (kg)	Aplicación	Code #
<b>100</b>	Crane scale / Forklifts	261203
<b>200</b>	Crane scale / Forklifts	261202
<b>500</b>	Crane scale / Forklifts	261201
<b>1000</b>	Crane scale / Forklifts	261195
<b>2000</b>	Crane scale / Forklifts	261200



STORAGE EFFICIENCY

# How Can We Supply the Weighbridge?

## → Discount in Weighbridges

### >> WEIGHBRIDGE SUPPLY

Price reductions available when supplying the weighbridge without:

- » Load Cells
- » Junction box
- » Ring kits
- » Feature plates
- » Top and bottom plates

*\*The discount will be applied to the total price of the requested weighbridge.*

Description	Code #
For weighbridges of 4 Load Cells.	160276
For weighbridges of 6 Load Cells.	160277
For weighbridges of 8 Load Cells.	160278
For weighbridges of 10 Load Cells.	160279
For weighbridges of 12 Load Cells.	160280

### >> WEIGHBRIDGE SUPPLY WITHOUT LOAD CELLS OR RING KITS (With top and bottom plates)

Price reductions available when supplying the weighbridge without:

- » Load Cells
- » Ring kits
- » Feature plates

*\*The discount will be applied to the total price of the requested weighbridge.*

Description	Code #
For weighbridges of 4 Load Cells	160281
For weighbridges of 6 Load Cells	160282
For weighbridges of 8 Load Cells	160283
For weighbridges of 10 Load Cells	160284
For weighbridges of 12 Load Cells	160285

## → Under-Beam Load Cells

### >> DISCOUNT FOR SUPPLYING WITH G8R LOAD CELLS INSTALLED UNDER BEAM

BPGSM, BPBSM, BPGSH, and BPBSH with load cells installed underneath the beam, without beam recessing.

Description	Code #
Under-beam load cell installation (per load cell unit)	160318

## → Plates for Toledo PDX Load Cells

### >> SURCHARGE FOR SUPPLYING TOP AND BOTTOM PLATES FOR TOLEDO PDX LOAD CELLS

Description	Code #
Top plate for PDX load cells (unit price)	160287
Bottom plate for PDX load cells (unit price)	160289



# TYOLOGY OF INSTALLATIONS

## CONCRETE OR METAL

To adapt to the needs of clients Giropes have developed metal modular scales with a sturdy structure thanks to a process of continuous improvement.

## Essential components

This type of installation requires a specific base; its own bridge structure (made by iron and/ or concrete), some cells with its junction box connected to a weight indicator and the different accessories needed for vehicular traffic or other devices or software applications to obtain data.

## Weighbridges

GIROPES can assess you about the different steps you must follow so that your project as well as your weighbridge choice, be that for trucks, vans, trains, containers or other elements and big volume vehicles, is the correct one.

This catalogue includes a wide variety of standard models with different finishing and options.

Our team of engineers, technicians and commercial equipment is going to assess you to find the best conditions for every Project.

## Analyse its use to get a correct design

It is very important to choose the appropriate weighbridge mainly because of their different uses and their lifespan. Besides, it is highly recommended a comprehensive counselling in all the different stages so that the owner of the scale can benefit from the maximum advantages for many years.

GIROPES disposes of a commercial team, engineers and technicians to solve problems and give advice to distributors and customers in their choice and process before and during the use of the equipment.





## 01

### CHOOSE TYPE OF INSTALLATION

Before choosing the weighbridge model to buy it is necessary to take into account the transit requirements and the environment in the area where the weighbridge is going to be installed.

## 02

### CIVIL WORK

Once the weighbridge model is selected the civil work must be done. the civil work must follow strictly the appropriate specifications so that the weighbridge can be later installed with all the guarantees.

## 03

### MANUFACTURING

The use of the appropriate material and the best manufacturing techniques before the study of the design is vital for equipment that has to handle heavy weights from heavyduty vehicles.

## 04

### TRANSPORT

Once manufactured and easy transportation is vital for the coordination and optimization of the project.

## 05

### INSTALLATION

Time and ease installation are one of the main factors in the decision to purchase a weighbridge. Many of our models optimize already these factors.

## 06

### START UP

Once the scale is installed and after doing the testing, calibration and starting up of the scale, most of the different models of this scale allow their use during the first day.

## 07

### MAINTENANCE

A proper maintenance program is very important to optimize the life of the scale. The maintenance of the scale should include the inspection of the scale, of its base, the cells and a new calibration.





# GIROPES

## THE VALUE OF WEIGHT as inspiration and passion

Since our beginnings, we have conceived weighing as a key pillar in production processes and quality control. This is why we are constantly committed to innovation and investment in R&D, developing advanced solutions that go beyond conventional weighing systems.

Driven by a philosophy of continuous improvement and a firm commitment to innovation, we have transformed GIROPES from a metalworking company specialized in metal treatment for weighing systems into a benchmark in cutting-edge technology, offering comprehensive solutions tailored to the needs of each sector.

In recent years, this focus on R&D has allowed us to expand our catalogue with self-developed weight indicators, complete automation systems for all types of installations, and intelligent weighing software, providing total process control and optimizing operational efficiency. We continue to innovate to offer the most advanced and efficient solutions on the market.



## WARRANTY CONDITIONS:

GIROPES guarantees its products, bought through an authorized channel, with reference to manufacturing or material defects during a period of two years from the delivery date, according to the current legislation, except when there is a specific agreement or in the acceptance of the order.

- » The guarantee does not include damages produced by the wear of the material due to its use, inappropriate conservation or maintenance, Wrong storage or use, modifications introduced without the consent, on paper, from GIROPES and in general due to causes beyond the control of our company, GIROPES.
- » The guarantee does not include accessories such as battery, adaptor, electrical header, etc.
- » The reparations will be done by GIROPES. The customer must pay for the dismantling, the packaging, the transport, the taxes, custom duty... produced by the delivery of the material to GIROPES and its delivery to the customer.
- » The customer must do the delivery of the material via the RMA system which GIROPES has.
- » GIROPES can agree with the customer the reparation or the replacement of the faulty pieces. In such case, the expenses of the journey of the members of the technical service will be paid by the customer.
- » In the event of a malfunction of the product, within the first 45 days since its delivery, it is going to be replaced. The customer must claim for any damages by completing a RMA form and the item must be returned in its original, undamaged packaging. GIROPES reserves the right to ask for images and/or videos to evaluate each case and for its approval. GIROPES is going to take charge of the picking-up and the transport of the product. GIROPES reserves the right to charge the product and transport if the product has been handled and damaged or the packaging is not completed.
- » A new warranty period does not commence in the case of replacement, but the calculation of the outstanding warranty period of the original product is reactivated.
- » GIROPES is not going to pay for the reparations done by third parties.
- » The repairing or replacement of a faulty piece does not vary the guarantee period of the supplied product. However, the piece that has been repaired or replaced has a guarantee period of two years from the date when the reparation or replacement has been done (for the duration of the repair, the calculation of the two-year period is suspended).
- » GIROPES is not responsible, in any case, of indirect damages and/or as a consequence of the supplying.
- » The Customer will be responsible of getting rid of the elements supplied by GIROPES SL, following the necessary regulation rules, by its own account and responsibility.

### WARRANTY FOR DAMAGES DONE DURING THE TRANSPORT:

- » Customers out of Spain but in European Union have 7 days from the date of delivery of the merchandise to communicate to BAXTRAN any type of damage produced by the transport in case the transport has been hired by Baxtran. If the complaining is not done during this period, BAXTRAN will not be responsible and in charge to pay for any type of repairing or substitution if the product has been damaged. This period could change by other country's law.
- » We remind you that there is at your disposal a section called "Reservations entry" to specify, when signing the delivery note that the package contains damages such as hits, breaks or others that can affect the product and cannot be seen without opening the package. We strongly recommend you to complete with your observations the delivery note from the deliverer before signing it. All the members of our staff have an EC Certify and the user's guide for our customers.
- » Remember that as manufacturers GIROPES SL does not include transportation damage in the guarantee, so if they do not specify it in the "Reservation Annotation" it can not be claimed from the carrier.

### Removal of used electronic products with the same features as the product purchased:

- » GIROPES, S.L. is registered in the Register of Electrical and Electronic Equipment of the Ministry of Industry, Tourism and Trade (RII-AEE) under number 7322.
- » GIROPES, S.L. offers the customer the possibility of, on delivering their purchase, removing a used electrical and/or electronic product with the same characteristics as the one sold.

## WARRANTY



## RMA

GIROPES announced the introduction of a RMA service (Return Merchandise Authorization) with the objective to improve steps for products returns and/or repair and give a better after-sales services.

From now RMA number is going to be compulsory to start any Technical Service.

If you are not familiar with our RMA, system, please click the link and follow the instructions.

<http://www.giropes.com/rma>

### STEP 1

**Go to GIROPES website and click on RMA section:**

[www.giropes.com](http://www.giropes.com)



### STEP 2

**COMPLETE THE FORM TO REQUEST RMA NUMBER:**

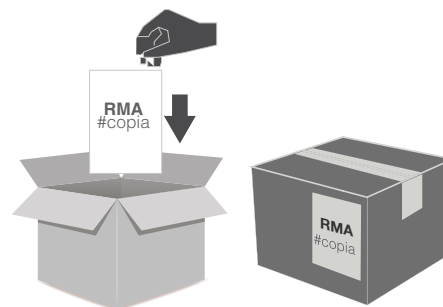
- <https://www.giropes.com/en/rma/>
- GIROPES will answer within a period of more less 24 hours (on weekdays), with an RMA number and a label.



### STEP 3

**Return to GIROPES:**

- The box has to contain a copy of the RMA.
- The material has to be sent prepaid to the address that figures in the label, and a RMA copy appearing in a visible part of the package.



### STEP 4

- **Return resolution:**
- Once the material is received, GIROPES will proceed verifying and/or repairing it. As soon as the incident is resolved, GIROPES will send out the item repaired freight collect.

For more information contact with our Technic Service  
**+34 972 527 212**  
[service@giropes.com](mailto:service@giropes.com)

*Compensation quotes are valid for 45 days from the date on which they are sent. If after this period no written reply of acceptance or rejection of the quote has been received, the merchandise will be returned with the delivery fees to be paid by the recipient. In the case that the delivery is rejected, and, consequently, returned to our facilities, the material will then be considered property of GIROPES.*

## ADVERTISING AND INFORMATIVE MAILING

Following the general conditions of sale of GIROPES SL, our Customers are incorporated to our database, so our customer is going to receive mailings with offers of our products and updates and news referring to these ones. If you want to use your rights of cancellation concerning to this matter, please contact us. In every email you receive, you can unsubscribe yourself if you do not wish to receive more offers or information about the products of GIROPES SL and its brands.

### NOTES REFERRING TO OUR CATALOGUE:

- The information of the products as well as their references and prices have been revised to make sure that they are right and they are completely updated. However, we can not guarantee that there is no mistake both in the Description and/or the prices which are shown or that our products are available at any time.
- The prices except if there is a typographical error or until the current document is modified. Please, consult GIROPES SL to know always the last revision of the catalogue, the current prices and their availability at the time of placing your order.
- Similarly, we also inform you that the images that appear in our catalogue and in our website do not imply any contractual commitment. GIROPES offers in this publishing and in the web of the products which are available and possibility to be delivered at the time of publishing the document. However, the circumstances can lead us to offer alternative equipment or changes in their design, which must also go through our exhaustive criteria of product quality.

### INTELLECTUAL PROPERTY:

- The sale and delivery of equipment, software or services by GIROPES SL and their brands to the Customer does not represent any transfer of property rights, patents, "copyrights", trademark right, technologies, designs, specifications, plans or any other intellectual property directly or indirectly incorporated to the equipment and software.

### PAYMENT TERMS

- All the prices that appear in our catalogue are without VAT. Any type of indirect tax in connection with the sale are in charge of the customer. Cost of transport is not included.
- In general, the form of payment is a transfer within 30 calendar days since the issue date of the invoice. The modalities and payment methods must be formalised in writing with the acceptance of GIROPES SL.
- Cash discount: a discount of the 3% can be applied for cash discount, provided that the replenishing is done within 15 days subsequent to receipt of goods. The invoice is going to be done with cash discount if it has been indicated at the moment of confirming your order when sending the goods. If the payment has not been done within the specified time, we are going to send and invoice without the 3% discount. If the customer have a complaint or objection, it does not entitle him to delay payment.

### ORDERS

- The Customer must ask for the equipment using any type of writing communication. The order which have not been approved first by GIROPES SL will not be valid.

### RETENTION OF TITLE

- As the Contractual relationship the Customer gives to GIROPES SL the retention of title of the equipment delivered until the actual payment of the ones and in the established conditions.

**Prices are RRP (Taxes and transport not included).**



# Development Goals and ESG Criteria at GIROPES

At GIROPES, we believe that business growth is only truly sustainable when it goes hand in hand with social and environmental responsibility. That's why we follow a strategy that strengthens our commitment to sustainability and corporate responsibility — not only to face global challenges but also to build a better future alongside our customers, employees, and partners.

We apply this vision across key areas such as resource management, production, supply chain, waste management, and stakeholder relations, ensuring that every step we take brings us closer to excellence in an ethical and sustainable way.

Our goal is clear: to create a positive impact and provide innovative solutions that respect both the planet and people.

## ESG Criteria at GIROPES

Achieving a more just and  
sustainable future  
for all people and the planet

WORKERS

MANAGERS

PARTNERS

CUSTOMERS

SUPPLIERS

SOCIETY

CREDITORS

GOVERNMENT



## Environmental

At GIROPES, we are fully committed to minimizing our environmental impact and actively contributing to the fight against climate change. We focus on reducing greenhouse gas emissions through concrete actions that optimize resource use and promote sustainability across all our operations.

### ACTIONS:

**ENERGY EFFICIENCY:** Our facilities in Girona and Toledo are equipped with solar panels — a total of 268 — generating renewable energy sufficient to fully supply the Girona plant through self-generation. This is complemented by other measures to optimize consumption. In Vilamallà, this investment will reduce CO2 emissions by 37 tonnes annually, while in Toledo the reduction will reach 15 tonnes — a total saving of 52 tonnes of CO2 every year.

**WASTE MANAGEMENT:** In 2023, we replaced plastic strapping with eco-friendly strapping, saving nearly 27 km of packaging material annually at Baxtran and over 10 km at GIROPES. We also replaced bubble wrap with kraft paper for product filling and protection. In addition, we have continued to improve our waste sorting system, managing cardboard and iron more efficiently in collaboration with the recycling company Sersall.

**PRODUCTION EFFICIENCY:** We are committed to modernizing robotics at our truck scale production plant. The recent upgrade of the robotic welding line not only improves the manufacturing process but also reduces energy consumption and optimizes resource efficiency.

**SUPPLY CHAIN:** In the production of our truck scales, we work with suppliers such as CELSA Group, certified under UNE-EN ISO 14021, guaranteeing that the scales contain over 90% recycled material (scrap metal) and are 100% recyclable. Compliance is verified through periodic inspections under the AENOR N Product Certification.



## Social

We are committed to fostering a safe, equitable, and supportive working environment, ensuring fair conditions and respect for human rights, while promoting the well-being of all our employees.

### ACTIONS:

**TRAINING:** We implement a training schedule designed to enhance language, technical, and strategic skills across our teams.

**CYBERSECURITY:** Protecting our digital assets is essential to ensure the integrity and confidentiality of information. To achieve this, we implement measures such as access management, firewall use, data encryption, and employee training.

**CUSTOMER SATISFACTION:** In compliance with ISO 9001, we conduct annual surveys to continuously improve the quality of our products and services.

**GENDER EQUALITY AND DIVERSITY:** We have developed an Equality Plan that includes awareness campaigns and a workplace harassment prevention protocol.

**HEALTH AND SAFETY:** We prioritize well-being through psychosocial studies and occupational risk prevention programs.

## Corporate Governance

At GIROPES, we ensure transparent and efficient business management, based on structures, regulations, and controls that guarantee responsible decision-making aligned with industry standards. Our governance commitment allows us to improve operational efficiency, strengthen stakeholder trust, and promote a corporate culture based on ethics and sustainability.

### ACTIONS:

**MANAGEMENT COMMITTEE:** We have a management committee made up of leaders from different areas, ensuring diverse perspectives in strategic decision-making and promoting a global vision of the company.

**RESPONSIBILITY STRUCTURE:** We maintain a clear organizational chart that defines roles and interactions between departments, aligned with industry standards.

**RESPONSIBLE BUSINESS PRACTICES AND PROCESSES:** We carry out internal and external audits to monitor our policies and ensure ethical and efficient management.

**PUBLIC DISCLOSURE OF ESG GOALS:** We share our ESG initiatives through reports, social media, press, and other channels, ensuring transparency and commitment.







# GIROPES

THE VALUE OF WEIGHT  
AS INSPIRATION  
AND PASSION

*We provide solutions for the weighing system needs of hoppers and silos, offering the various components and devices required to complete the installation.*

*Load cells with different capacity ranges, accuracy levels, and protection ratings, depending on the demands of the working environment.*



**GIROPES**  
WEIGHING SOLUTIONS



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