



PORTABLE WEIGHING SYSTEMS  
FOR AXLES OR WHEELS

# Platforms Wheel Weighing

CATALOGUE 2023

QUALITY AND MAXIMUM  
RELIABILITY | **DESIGN**  
OWN FABRICATION

**NP** **EN**









## THE VALUE OF WEIGHT AS INSPIRATION AND PASSION

From the very beginning, Giropes has regarded weighing as a vital part of the production and quality processes. As such, it has always invested in R&D to be able to offer the most complete weighing solutions possible without limiting itself to simple weighing systems.

With the desire for continuous improvement and this strong investment in R&D, Giropes has gone from being a metal processing company focused on the treatment of metal to convert it into elements of a weighing system, to a cutting-edge company that has committed itself to offering all the solutions that revolve around this complex process.

Over the last few years Giropes has invested heavily in R&D, incorporating its own manufactured weight indicators, complete automations for all types of installations and weighing software that allows complete control over your facilities.



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# Portable checkweighing station

*Complete range of portable platforms and indicators  
integrated with management and penalty software.*

In addition to the control performed by the authorities on the road, vehicle weighing is of great importance in other areas of the automotive and aeronautical sector:

- > in the design and market launch of new models.
- > in structural repairs or accidents that have affected one or several wheels
- > in old vehicles with deformation or deterioration of the suspensions.
- > in vehicles with threaded or adjustable suspensions that may not be correctly adjusted.

## **TRAFFIC CONTROL ON ROAD**

Portable weighing systems used by the competent authorities to check the weight per axle or wheel of vehicles on the road.

## **AGRICULTURE**

Portable scales and accessories used for weighing vehicles, containers and pallets during mobility, deployment and transport / material handling applications.

## **AUTOMOTIVE**

Portable scales for weighing competition cars. Providing safety through weight control is vital for a sector where high speeds are reached.

## **AVIACIÓN**

Portable scales for aircraft weighing. They allow weight analysis in all types of aircraft, from ultralight to executive and large commercial aircraft.

## **LOGISTICS**

Control of gross weight or total weight in industry and logistics.

## **OUTSTANDING PROJECTS**

OUR EXPERIENCE  
SUPPORTS US:





## VERSATILE

The easy installation of the weighing system at some distance from the portable indicator for weight control provides safety and prevents possible accidents related to the vehicles being weighed. Designed as a complete system for vehicle overweight control.



# WEIGHING OPERATION

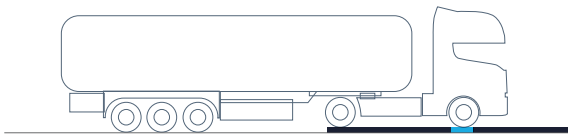
*Wheel weighing for proper balance. Axle weighing for compliance with maximum loads.*

## BALANCING

**FORT GOOD WEIGHING RESULTS, A LEVEL COMPENSATION ANALYSIS IS REQUIRED**

With the mats, we align the wheels that are and are not in contact with the platform, so that we obtain greater precision during the weighing process.

The use of these 3-metre mats is recommended. Wheels that are less than 1m away from those in contact with the platform must be levelled to obtain the correct weight.



## AIRCRAFT WEIGHING

- > Aircraft weighing.
- > Manufacturer's empty weight.
- > Operational empty weight
- > Maximum landing weight (maximum road weight, maximum take-off weight; maximum transfer weight).

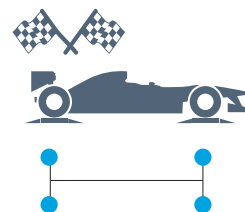
Finally, the wheel weighing operation serves to pinpoint the exact center of gravity of the aircraft.

For weighing the center of gravity (roll) of small aircraft, portable systems are almost exclusively used.

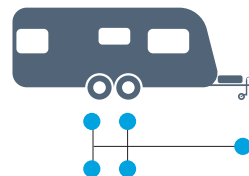
Each aircraft is subjected to 3 weighing operations: 1 contractual weighing operation and 2 operational weighing operations. An exceptionally fast weighing operation considering the difficulty of weighing and handling bulky objects.

## PORTABILITY & FLEXIBILITY

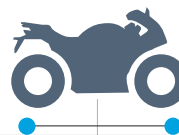
Combination from 2 points up to more than 10 weighing points\*



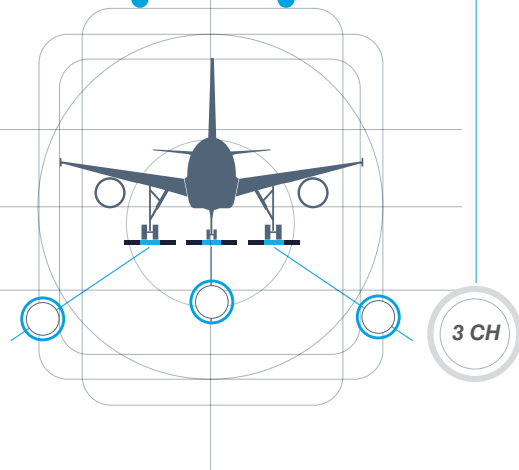
4 CH



5 CH



2 CH



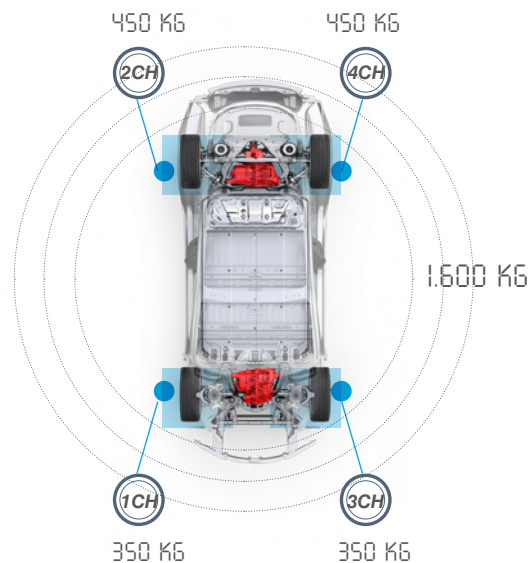
3 CH

## WHEEL SUM

In a single operation, the result of the weighing of the complete vehicle is obtained.

This involves weighing all the wheels of the vehicle simultaneously. Therefore, as many platforms as wheels are needed.

Wheel weighing is essential for the correct balance of the vehicle and safety when braking, accelerating or cornering.

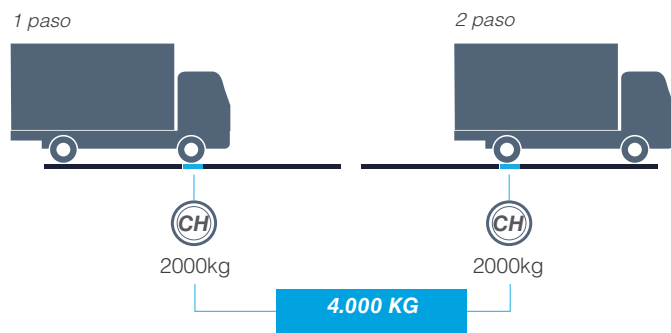


## AXLE WEIGHING

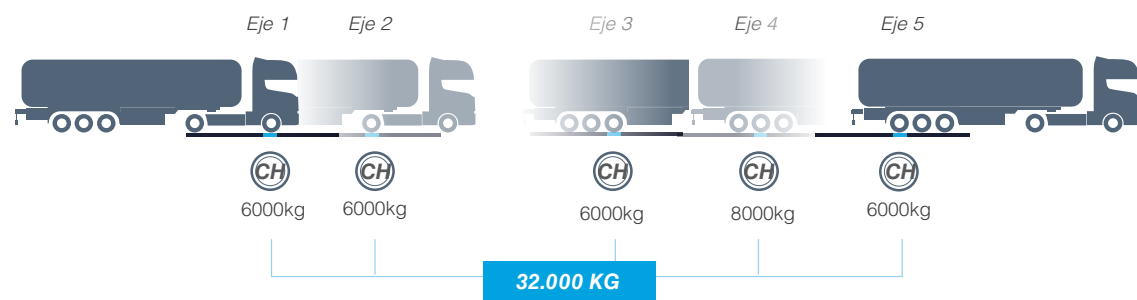
Axle weighing lets us know any type of vehicle's compliance in terms of maximum loads.

For accurate weighing, the difference in height of the other axles must be corrected, if necessary, depending on the vehicle, and compensated for.

### STATIC WEIGHTS 0 Km/h



### DYNAMIC WEIGHING 15 km/h (validation 5 km/h)



### IMPORTANT

In the case of multiple axle weight addition, avoid weighing liquid loads because in this case the accuracy and repeatability are insufficient.

The support surface underneath the platforms must be flat and well leveled to withstand loads of at least 100 kg/cm<sup>2</sup> (usual value of concrete 4.25). In addition to the surface resistance described above, the support base must also withstand concentrated loads of 1.5 times the maximum capacity of the platform without yielding. The platforms must be supported on a rough surface or fixed to the ground with their respective accessories.

**NOTE: always check that all wheels are at the same height (the angle resulting from a possible unevenness must be less than 0.5°).**

# Combinations & homologation

## Calibration and verification

The wheel weighing and axle weighing platforms are factory calibrated, which guarantees the highest level of accuracy. This means they are ready to use when you need them. For data visualization and evaluation according to purpose, Giropes offers the integration of different GI620 indicator devices with wheel weighing and axle weighing firmware, connectable with PC and Gesdyn software.

**Initial calibration:** Before verification, it is necessary to calibrate the mobile weighing platform using reference standards of known weight. This involves establishing an accurate relationship between the weighing sensor output signal and the load applied to the platform.

**Initial verification:** Once calibrated, the mobile weighing platform undergoes an initial verification, if requested, to ensure that it meets the accuracy requirements set by applicable regulations and standards.

Mobile weighing platforms must undergo periodic verifications to ensure that they remain accurate over time. The frequency of these verifications depends on the country's regulations and policies, as well as the use and calibration of the equipment.



### APPROVAL OF DYNAMIC WEIGHING SYSTEM WITH INDICATOR AND SOFTWARE

Combinations of wheel weighing platforms or axle weighing platforms must meet the following specifications for use in legal and verified systems:

#### OIML R-134 / R-76 OIML HOMOLOGATED CONTROL STATION

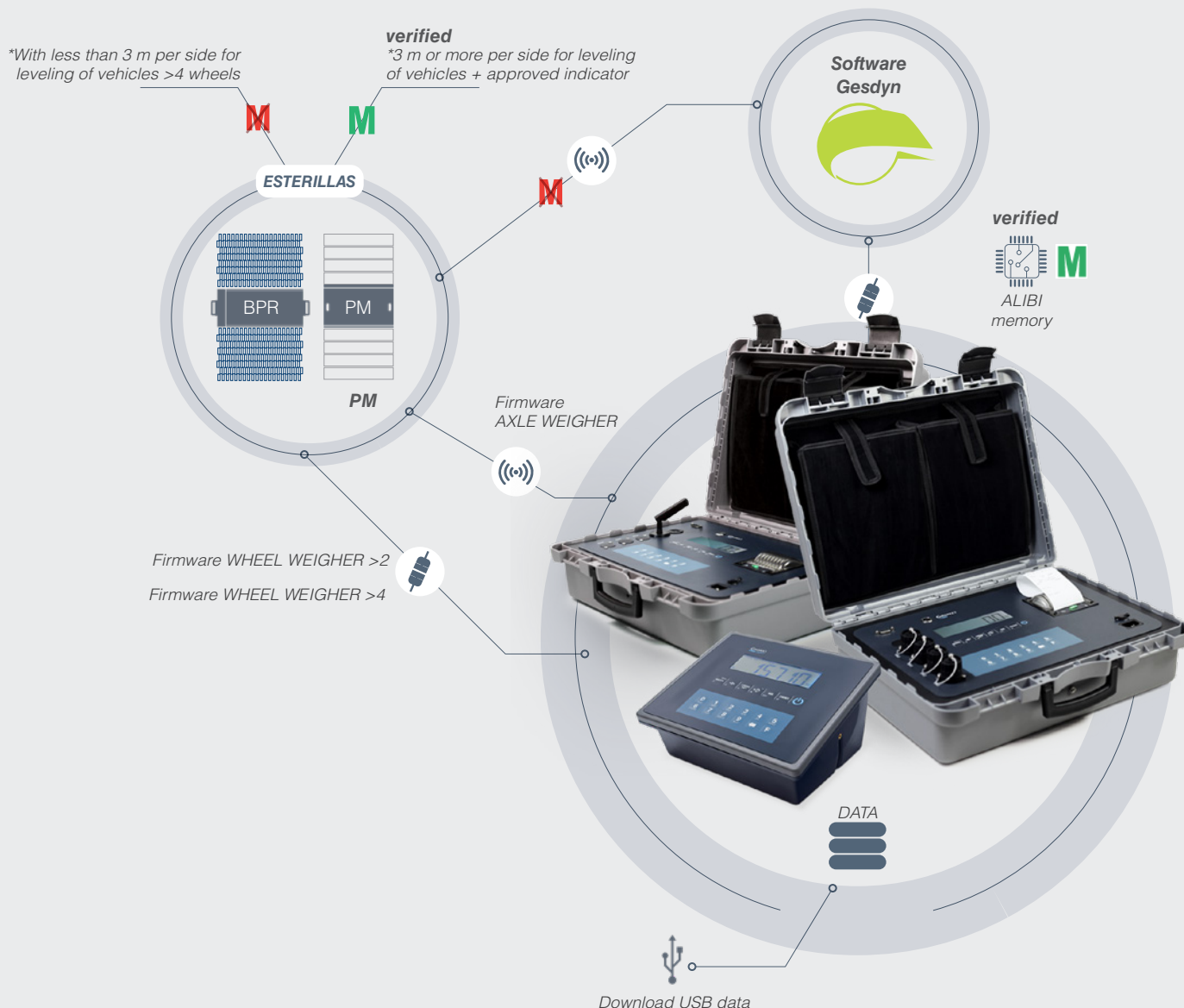
Platforms	Minimum entrance and exit meters		Indicators GI620	Firmware		ALIBI MEMORY software
	MATS	Embeddable		Axle weigher	Wheel weigher	GESDYN
<b>M</b> BPRG-W	3m x 2		•	•		Optional with cable
<b>M</b> BPRG	3m x 2		•	•	•	Optional with cable
<b>M</b> BPRC/ BPRF	3m x 2		•	•	•	Optional with cable

#### HOMOLOGATED CONTROL STATION R-76 (Static only)

Platforms	Minimum entrance and exit meters		Indicators GI620	Firmware		ALIBI MEMORY software
	MATS	Embeddable		Axle weigher	Wheel weigher	GESDYN
<b>M</b> PMQ-W		•	•	•		Optional with cable
<b>M</b> PMR-W		•	•	•		Optional with cable
<b>M</b> PMS-W	3m x 2	•	•	•		Optional with cable
<b>M</b> PMT-W	3m x 2	•	•	•		Optional with cable
<b>M</b> BPRC/ BPRF	3m x 2		•	•	•	Optional with cable
<b>M</b> PMQ		•	•	•	•	Optional with cable
<b>M</b> PMR		•	•	•	•	Optional with cable
<b>M</b> PMS	3m x 2	•	•	•	•	Optional with cable
<b>M</b> PMT	3m x 2	•	•	•	•	Optional with cable
<b>M</b> PMU	3m x 2	•	•	•	•	Optional with cable

\*Consult the legislation in force in each country for the use of the equipment as Approved and Verified.





## Combination of portable weighing systems with BPR and/or PM series platforms in conjunction with:

### Cable system

The Gi620 series indicators allow direct connection of up to 4 platforms. In case of heavy duty firmware you can choose to complete the system with the Gesdyn Software, its connection to PC will also be done by cable.

The system with Gi620 series platforms and indicators can operate independently and does not require a PC or laptop.

### Combination with wireless

The use of cables is not always possible or even desirable, so we have developed a special wireless module for our BPRG and PM Series wheel weighing platforms.

They have integrated batteries that provide the required battery life for this type of mobile weighing.

This solution is approved in dynamic for the BPRG Series and in static for the BPRG and PM models.

### Combination indicator & cable software

In addition to its portable advantage, it allows on-site recording and visualization of the weighing performed in a more comfortable way.

This combination with the Gesdyn software must be done by cable between the indicator and the computer. It can be evaluated, stored, printed and managed.

# Designed for each situation

Different models of weighing platforms, designed according to capacity and accuracy, allow us to respond to different types of sectors.

## **WHEEL SCALES FOR SMALL LOAD RANGES**

Light Load: Accurate and lightweight.

Our lightweight 12kg BPRE platform makes it ideal for use on light vehicles and automobiles. Intended for ultralight aviation.

## **PLATFORMS THAT PROVIDE ANSWERS TO ANY TYPE OF WEIGHING.**

BPRG/PM platforms are the first choice when it comes to portable road weighing control. Cable and wireless connections are available for data transmission. These platforms are used to provide weighing feedback on a wide range of automobiles, van weighing, trucks over 8 wheels, sport planes and business jets.

## **WHEEL WEIGHERS FOR HEAVY VEHICLES AND WIDE AREA WEIGHING AREA**

Heavy loads: PMU platforms with a large weighing surface area can support loads exceeding 10,000 kg. It is used for weighing heavy trucks and vehicles with heavy tires, as well as for loading commercial vehicles and transport aircraft,



### Comparative

	BPRG	BPRC	BPRF	BPRE	PMQ	PMR	PMS	PMT	PMU
					600	1.500			
					1.500	3.000		6.000	10.000
					3.000	6.000	6.000	10.000	15.000
Capacity (kg)	10.000	10.000	10.000	2.000	6.000	10.000	10.000	15.000	20.000
	15.000	15.000	15.000	5.000	10.000	15.000	15.000	20.000	25.000
Weighing surface (mm)	700 x 389								
	890 x 389	800 x 350	882 x 500	402 x 332	400 x 300	500 x 400	700 x 450	900 x 500	900 x 500
Rolling height (mm)	19,5	20	20	18	58	58	58	58	58
Weight	24 / 27	23	38	12	14	18	26	41	70
Wireless	●				●	●	●	●	
*Optional Metrology	M	M	M		M	M	M	M	M

\*The validation with M-CE is approved for use where there are as many platforms as wheels has the vehicle.

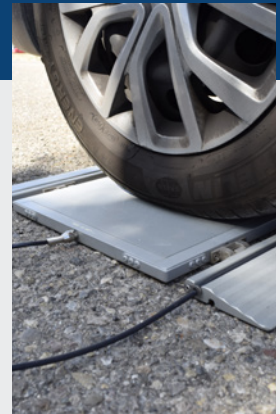


# Control stations

*Solutions for all sectors,  
according to the needs of each customer*

## Small vehicle control station

Ideal for cars, vans and small commercial vehicles.  
DYNAMIC OR STATIC WEIGHING



**BPRE**  
**AXLE WEIGHER | WHEEL WEIGHER**  
> **portable**  
Cable connectivity

**INDICATORS**  
Suitcase & compact

**GI620 SUITCASE**  
Wheel weigher / axle weigher firmware

**GI620 COMPACT**  
Wheel weigher / axle weigher firmware

ASSOCIATED PC SOFTWARE



## Light Aircraft Control Station

Ideal for the control and safety of light aircraft, as well as an accurate calculation of the barycenter of the aircraft that controls the center of gravity in the three axes of the aircraft providing stability in flight.  
STATIC WEIGHING



**SERIE PMR**  
**WHEEL WEIGHER**  
(number of plates is equal to the number of wheels on the vehicle)  
> **portable**  
Cable connectivity

**MATS**  
Metallic

**FRAMES**  
For embedding

**INDICATORS**  
Suitcase & compact

**GI620 SUITCASE**  
Wheel weigher / axle weigher firmware

**GI620 COMPACT**  
Wheel weigher / axle weigher firmware

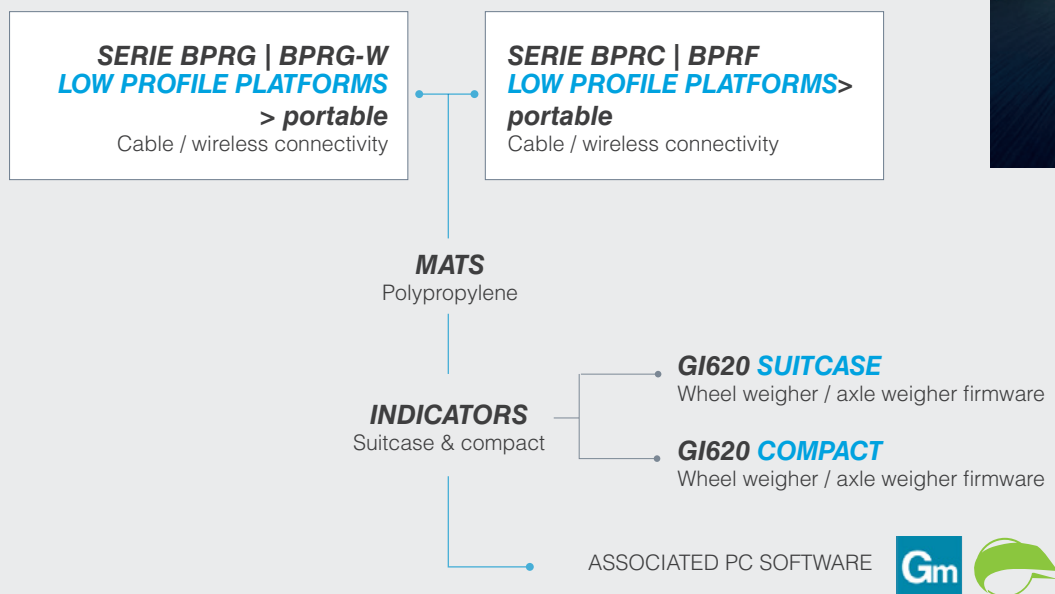
ASSOCIATED PC SOFTWARE



## Road control station

Low profile portable platforms with PESA AXES firmware for road weighing management, control, detection and penalization. Dynamic or static weighing.

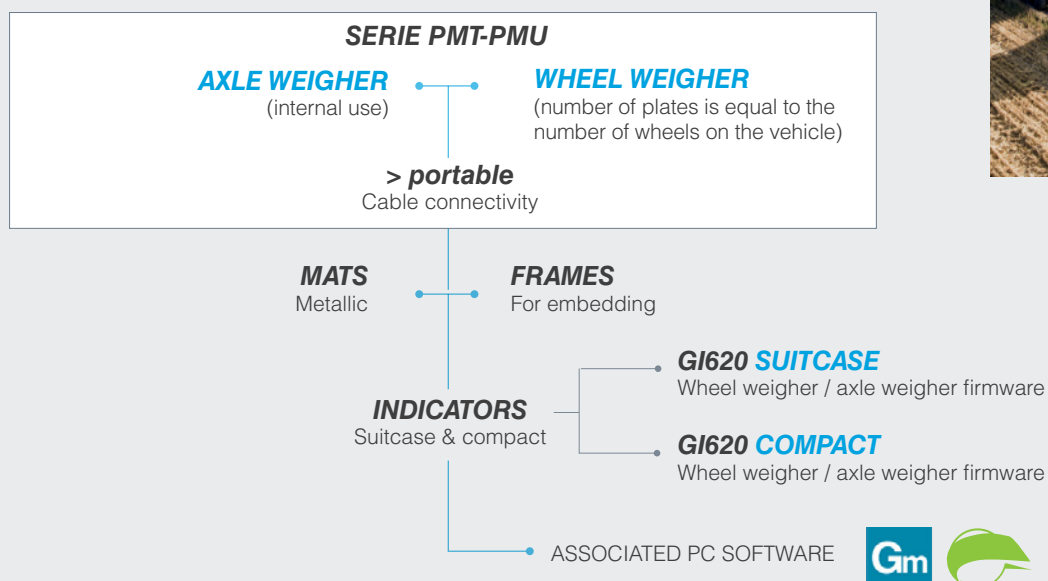
\*Control of loads of total or gross weight of the exit of the trucks on the highway to avoid sanctions.



## Internal control in the agricultural sector

Portable platforms with Firmware wheel weigher for weighing management in internal load control areas of 25000kg capacity.

Dynamic or static weighing (not valid for sale purchase)



# GIROPES



## BPRG<sup>W</sup> LOW PROFILE



### 2 PLATFORMS SET

#### VERSIONS

**BPRG:** wired version  
(with a 10m long cable)

**BPRG-W:** Wireless version (with  
optional cable connection)

#### VELOCIDAD WIM

WIM speed: Hasta 10 km/h  
(Certification up to 5 km/h)

#### WEIGHING PLATFORM

Low profile wheel weighing platforms,  
connected to a digital weight indicator  
to configure vehicle weighing systems  
in static and/or dynamic weighing  
(for all vehicles approved for road  
circulation). CE-M Metrological  
Approval in static weighing Class III.

## SPECIFICATIONS

### FEATURES

<b>Structure</b>	Aluminium structure
<b>Protection</b>	IP68
<b>Installation</b>	Overlay and embedded Set of 2 platforms for weighing an axle
<b>Approval with indicator and/or software</b>	Static Class III Dynamic OIML R 134
<b>Maximum acceptable overload</b>	120%
<b>Operating temperature</b>	-10°C + 40°C
<b>Storage temperature</b>	-20 °C + 70°C
<b>Rechargeable lithium battery</b>	7,4V.
<b>Wireless platform battery life</b>	25h

### INCLUDE

- > **3 m long mats** at the front and rear of each platform.
- > **Cable grommets (2u)** and cables in the wired version. Optional elements in the wireless version.

## OPTIONALS

### ACCESSORIES

- > **Transport case for two platforms.** Wheeled transport case with external dimensions 1260 x 285 x 700mm. Weight 28kg, inner protection of 20mm thick polyethylene foam.
- > **Aligner.** Gray anodized 2023 T6 aluminum structure, extensible for a correct position between platforms and adaptable to the wheelbase of the vehicles.
- > **Cable grommets and cable.** Aluminum structure fixed to the platform to protect the cables during the weighing process and prevent them from being exposed to the compression of the weight of the vehicles.

### INDICATORS

- > See page 38

### SOFTWARE & APP

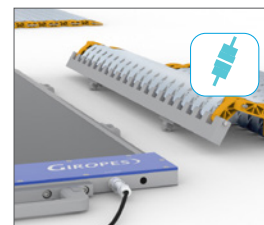
- > GESDYN: For control of vehicles in transit

*\*Attention:*

*For approved and verified systems, consult current legislation of each country on weighing metrology for commercial transactions.*



BPRG-W detail



BPRG-W assembly detail

### INSTALLATION

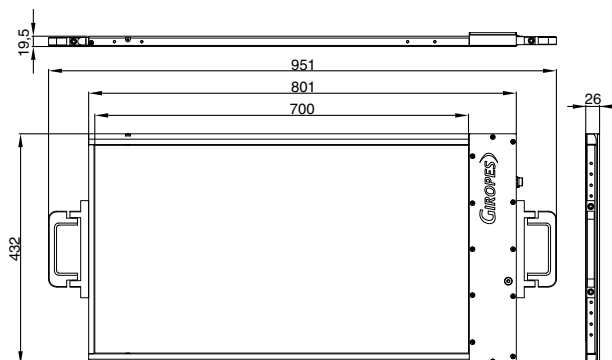
set of two platforms with  
leveling mat. The system  
can be installed in less  
than 10 minutes.

*\*Indicators not included  
GI620 SERIES  
(see page 38)*



## 700 MODEL

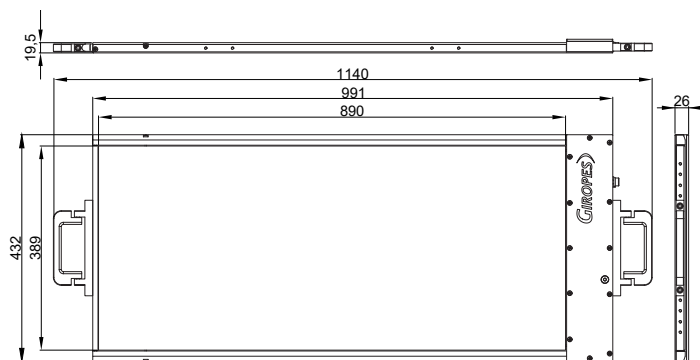
- » Useful weighing surface: 700 x 389 mm
- » Rolling height: 19,5 mm
- » Platform weight: 24 kg



Dimensions in mm

## 890 MODEL

- » Useful weighing surface: 890 x 389 mm
- » Rolling height: 19,5 mm
- » Platform weight: 27 kg



Dimensions in mm

## KIT BPRG | BPRG-W

Reference	Width (mm)	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	# Code
KIT BPRG10000	700	24	10000	5		190297
KIT BPRG15000	700	24	15000	5		190298
KIT BPRG-W10000	700	24	10000	5	•	190299
KIT BPRG-W15000	700	24	15000	5	•	190300
KIT BPRG10000	890	27	10000	5		190301
KIT BPRG15000	890	27	15000	5		190302
KIT BPRG-W10000	890	27	10000	5	•	190303
KIT BPRG-W15000	890	27	15000	5	•	190304

## KIT BPRG | BPRG-W M

Reference	Width (mm)	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	# Code
<b>M</b> KIT BPRG10000	700	24	10000	50		190305
<b>M</b> KIT BPRG15000	700	24	15000	50		190306
<b>M</b> KIT BPRG-W10000	700	24	10000	50	•	190307
<b>M</b> KIT BPRG-W15000	700	24	15000	50	•	190308
<b>M</b> KIT BPRG10000	890	27	10000	50		190309
<b>M</b> KIT BPRG15000	890	27	15000	50		190310
<b>M</b> KIT BPRG-W10000	890	27	10000	50	•	190311
<b>M</b> KIT BPRG-W15000	890	27	15000	50	•	190312

\*The kit is supplied with two platforms + two 3-meter input and output mat kits.  
For kits with cable connection system, cable gland accessories are also supplied.  
For verified kits, please select your Gi620 indicator when ordering. The alibi memory is required to comply with legal requirements when used with PC software.

GIROPES



**BPRG<sup>W</sup>**  
LOW PROFILE



**CABLE**



**WIRELESS**

### OPTIONAL INDICATOR

- » Indicators & optionals  
SERIE GI620  
See page 38

### INDICATOR FIRMWARE

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



GESDYN

**Optionals and accessories: allow correct weighing and durability of the product**

Complete range of portable platforms of our own design with homologation in static and/or dynamic weighing. Integration of options and different indicators for a complete portable weighing installation.

Static and/or dynamic weighing. Giropes offers different combinations of low profile wheel weighing platforms, connected to a digital weight indicator to configure weighing systems and with the possibility to integrate a vehicle traffic management software.

The BPRG WIRELESS series platforms can be directly connected to the Management software for an internal use weighing system.

For verified systems, leveling mats of at least 3 meters at the entrance and exit, certified indicator and, in case of PC connection, the optional Memory are required.

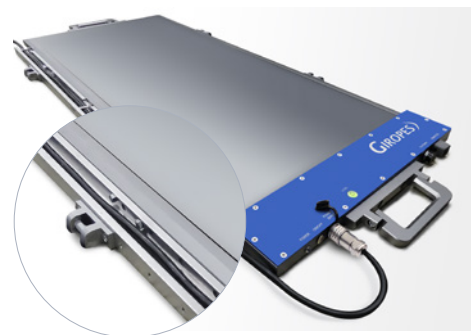
Accessories	BPRG	BPRG-W	BPRC	BPRF	BPRE
<b>Mats</b>					
Polypropylene	*included	*included	•	•	
Aluminium					included
<b>Ramps</b>					
					included
<b>Cable grommets</b>	•	•			included
<b>Cables</b>	included	•	included	included	•
<b>Aligner</b>	•	•			
<b>Suitcase</b>	•	•			included
<b>Spare charger</b>	•	•			

\* In the sets shown in this catalog the 3m mats are included for the BPRG and BPRG-W

## REPLACEMENT CHARGER

### FOR PLATFORM BPRG WIRELESS

Description	# Code
Replacement Li-Ion 8.4V Wireless BPRG Charger	190351



## CABLE PASS-THROUGH AND PRG CABLE

FOR BPRG UNDER PROFILE WEIGHING PLATFORMS

The wireless version is supplied without cable gland and cable for connection to the indicator. Can be ordered separately

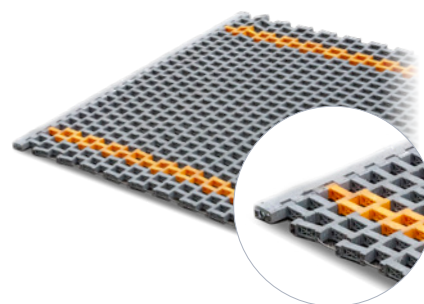
Description	# Code
Cable pass-through (2u)	190313

## PROPYLENE MATS

FOR BPRG UNDER PROFILE WEIGHING PLATFORMS

- » Aluminum frame in the junction area
- » Installation on ground anchorage with hook in upward direction.

Description	# Code
Set of mats per platform (2u) 0,5m for BPRG700	190074
Set of mats per platform (2u) 3m for BPRG700	190073
Set of mats per platform (2u) 0,5m for BPRG890	190071
Set of mats per platform (2u) 3m for BPRG890	190072



## TRANSPORT CASE

FOR BPRG UNDER PROFILE WEIGHING PLATFORMS

### Main characteristics:

- » Maximum external dimensions 1260x285x700 mm.
- » Weight 28Kg each.
- » Inner protection of polyethylene foam 20mm thick.
- » 4 Ø70mm grey polyamide swivel castors, two with brakes.
- » 4 manual locks in chromed steel prepared to add padlock.
- » Capacity for two BPRG/BPRG-W platforms, either 700mm or 900mm.

Description	# Code
Transport case for two platforms	190348



## ALIGNER

FOR BPRG UNDER PROFILE WEIGHING PLATFORMS

### Dimensions:

- » Position 01: 950 mm (size for transport and storage).
- » Position 02: 1100 mm.
- » Position 03: 1250 mm.
- » Position 04: 1400 mm.

### Material and finish:

- » Guide for different positions easy to use.
- » Material and finish: 6063 T6 aluminum body, gray anodized.
- » Total weight: 3.5 kg

Description	# Code
Positioner (1 unit)	190319



# GIROPES



## BPRC/F

LOW PROFILE



### VERSIONS

- » **BPRC:** 800x350 mm (weighing surface)
- » **BPRF:** 882x500 mm (weighing surface)

### WEIGHING PLATFORM

Low profile wheel weighing platforms, connected to a digital weight indicator to configure vehicle weighing systems in static and/or dynamic weighing (for all vehicles approved for road circulation). CE-M Metrological Approval in static weighing Class IIII.



*\*Indicators not included GI620 SERIES (see page 38)*



Mat detail



Cable routing detail

### INSTALLATION

Easy installation: a set of two platforms with mats to level and the indicator is mounted in less than 10 minutes by one person.

Set of 2 platforms to weigh an axle.

## MAIN FEATURES

### FEATURES

<b>Structure</b>	Aluminium structure
<b>Protection</b>	IP66
<b>Installation</b>	Overlay and embedded Set of 2 platforms for weighing an axle
<b>Maximum acceptable overload</b>	120%
<b>Operating temperature</b>	-10°C +50°C
<b>Cable length</b>	15 meters
<b>Weight</b>	version C:23 kg and version F:38 kg
<b>Models</b>	BRPC BPRF

### INCLUDES

- > **TRANSPORT CASE** Each platform is supplied with a transport case to facilitate handling and use.

### IMPORTANT

When adding weights from several axes, avoid weighing liquid loads as this will lead to insufficient accuracy and repeatability.

The support surface underneath the platforms must be flat and well-levelled in order to be able to bear loads of at least 100 kg/cm<sup>2</sup> (usual concrete value 4.25)

In addition to the described surface resistance, the support base must also withstand concentrated loads of 1.5 times the maximum capacity of the platform without yielding.

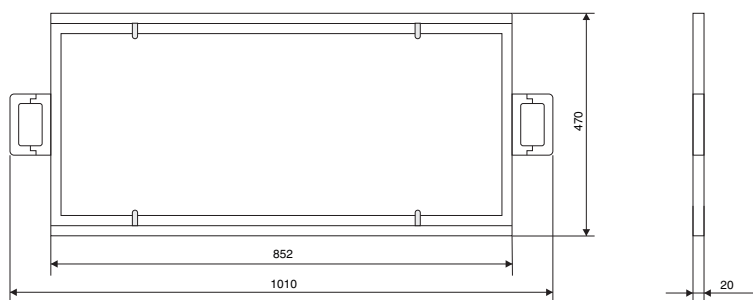
The platforms must be placed on a rough surface or fixed to the floor with their respective accessories.

NOTE: always check that all the wheels are at the same height (the angle resulting from possible unevenness must be less than 0.5°).



## BPRC MODEL

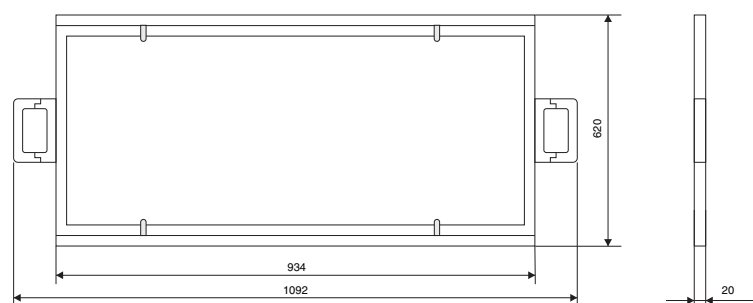
- » Useful weighing surface: 800x350 mm
- » Rolling height: 20 mm
- » Platform weight: 23 kg



Dimensions in mm

## BPRF MODEL

- » Useful weighing surface: 882x500 mm
- » Rolling height: 20 mm
- » Platform weight: 38 kg



Dimensions in mm

## BPRC/F

Reference	Wide (mm)	Weight (kg)	Capacities (kg)	Fraction (kg)	Cable	# Code
BPR10000C	800	23	10000	5	•	190006
BPR15000C	800	23	15000	5	•	190009
BPR10000F	882	38	10000	5	•	190008
BPR15000F	882	38	15000	5	•	190011

## BPRC/F M

Reference	Wide (mm)	Weight (kg)	Capacities (kg)	Fraction (kg)	Cable	# Code
<b>M</b> BPR10000CM	800	23	10000	50	•	190007
<b>M</b> BPR15000CM	800	23	15000	50	•	190010
<b>M</b> BPR10000FM	882	38	10000	50	•	190039
<b>M</b> BPR15000FM	882	38	15000	50	•	190038

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be required and use leveling modules of at least 3 meters or embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current regulations.

## ACCESSORIES

Description	# Code
Set of mats per platform (2u) 0,5m for BPRC	190074
Set of mats per platform (2u) 3m for BPRC	190073
Set of mats per platform (2u) 0,5m for BPRF	190071
Set of mats per platform (2u) 3m for BPRF	190072
Set of 2 frames for embedding platforms BPRC	190001
Set of 2 frames for embedding platforms BPRF	190005

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

GIROPES



**BPRC/F**  
LOW PROFILE



OPTIONAL: Mat 3m



OPTIONAL: Mat 0,5m



## CABLE

### OPTIONAL INDICATOR

- » Indicators & optionals
- GI620 SERIE
- See page 38

### INDICATOR FIRMWARE

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## BPRE

LOW PROFILE



### WEIGHING PLATFORM

Wheel weighing platforms connectable to the GI620 digital weight indicator to configure portable vehicle weighing systems (coaches, vans, small commercial vehicles).



### INSTALLATION

Easy installation: a set of two platforms with mats to level and the indicator is mounted in less than 10 minutes by one person.

Set of 2 platforms to weigh an axis.

## MAIN FEATURES

### FEATURES

<b>Structure</b>	Aluminium
<b>Protection</b>	IP66
<b>Installation</b>	Overlay
<b>Maximum acceptable overload</b>	120%
<b>Maximum overload</b>	150%
<b>Operating temperature</b>	-10°C +50°C
<b>Weight per platform</b>	12 kg
<b>Cable length</b>	15 meters
<b>Models</b>	2000 kg 5000 kg

### INCLUDE

- > **Access ramps** Each platform includes two aluminum access ramps to facilitate wheel access on the platform.
- > **Transport case** Each platform is supplied with a transport case.

## OPTIONALS

### INDICATORS

- > Consult page 38

### SOFTWARE & APP

- > GESDYN: For vehicle control in transit



Platform installation of 2 BPRE platforms



Removable ramp detail



Low profile platform detail



Detail of cables included in one of the ramps



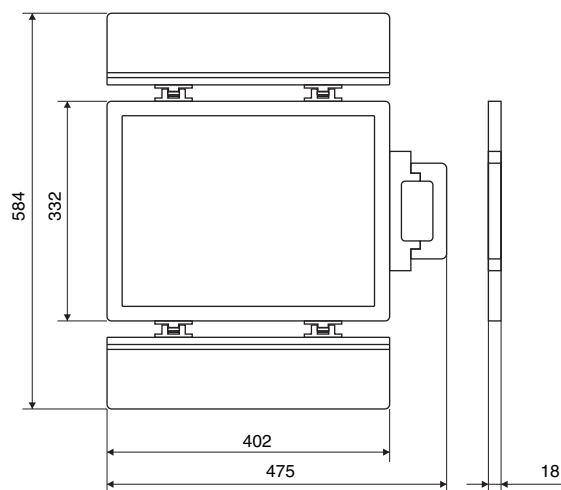
Removable ramp detail

**GIROPES**  
CE

**BPRE**  
LOW PROFILE

## 700 MODEL

- » Useful weighing surface: 402x332 mm
- » Rolling height: 18 mm
- » Platform weight: 12 kg





Dimensions in mm



**CABLE**

## BPRE

Reference	Wide (mm)	Weight (kg)	Capacities (kg)	Fraction (kg)	Cable	# Code
 BPR2000E	402	12	2000	1	•	190084
 BPR5000E	402	12	5000	2	•	190085

\* The platforms are supplied individually

## ACCESSORIES

Description	# Código
<b>Indicators GI620 Series (see page 38 for models and choose firmware)</b>	
Wheel weighing firmware	330006 -
Axle weighing firmware	330007 -

See optional for the GI620 Series indicators on page 38

### OPTIONAL INDICATOR

- » Indicators & optionals
- SERIE GI620
- See page 38

### INDICATOR FIRMWARE

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46





# GIROPES



## PMQ WHEEL WEIGHING



### » VERSIONS

- » **PMQ:** wired version (with a 10m long cable)
- » **PMQ-W:** Wireless version (with optional cable connection)

### WEIGHING PLATFORM

Platform for wheel weighing systems. It allows the connection to a weight indicator to configure the weighing systems of the vehicles in static and / or dynamic weighing.



\*Indicators not included GI620 SERIES (see page 38)

## MAIN FEATURES

### FEATURES

<b>Dimensions</b>	400 mm x 300 mm
<b>Structure</b>	Aluminium
<b>Protection</b>	IP68
<b>Installation</b>	On ground portable
<b>Operating temperature</b>	-10C° to +40C°
<b>Height</b>	58 mm
<b>Weight per platform</b>	14 kg
<b>Cable length</b>	10 meters
<b>Finishes</b>	The platform is anodised silver and the feet are black.
<b>Models</b>	for CE-M legal use for internal use
<b>Class</b>	Static Clase III
<b>Connectivity</b>	cable or wireless
<b>Battery life of wireless platform</b>	25h

### FEATURES **M** in legal metrology version \*2

- » The CE-M divisions refer to the individual weight of the platform.
- » The total weight of the vehicle is usable for road control and load distribution according to the customer's application.
- » **Wheel weighing systems, where the number of platforms is equal to the number of wheels of the vehicle, are approved, because the weight of the vehicle is determined with a single weighing.**
- » **The CE-M division** with which the total weight of the vehicle is indicated in the wheel weighing systems (4 platforms) is equal to the divisions of the individual platforms.
- » Axle weighing system only valid for internal use.

\*For use in approved applications or dynamic weighing systems, it will be necessary to use leveling modules or bury the platforms.





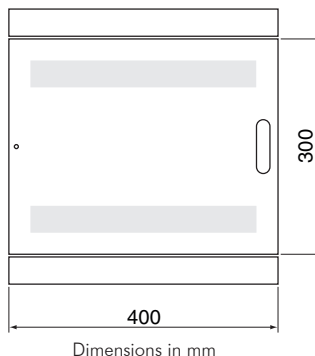
Non-slip rubber on the bottom of the foot for better grip with the surface.



WIRELESS connection detail

## PMQ MODEL

- » Useful weighing surface: 400 x 300 mm
- » Rolling height: 58 mm
- » Platform weight: 14 kg



Dimensions in mm

## PMQ | PMQ-W (internal use)

PMQ   PMQ-W (internal use)					INOX LOAD CELL		NICKEL LOAD CELL	
Reference	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	# Code		# Code	
PMQ0.6	14	600	0,1		190134		190177	
PMQ1.5	14	1500	0,2		190135		190178	
PMQ3	14	3000	0,5		190136		190179	
PMQ6	14	6000	1		190137		190180	
PMQ10	14	10000	2		190138		190181	
PMQ0.6-W	14	600	0,1	•	190213		190223	
PMQ1.5-W	14	1500	0,2	•	190215		190225	
PMQ3-W	14	3000	0,5	•	190219		190229	
PMQ6-W	14	6000	1	•	190221		190231	
PMQ10-W	14	10000	2	•	190217		190227	

## PMQ | PMQ-W (legal use CE-M M)\*2

PMQ   PMQ-W (legal use CE-M <span>M</span> )*2					INOX LOAD CELL	NICKEL LOAD CELL	
Reference	Weight (kg)	Capacities (kg)	Fraction CE-M (kg)	Wireless	# Code		# Code
<span>M</span> PMQ0.6M	14	600	0,2		190186		190195
<span>M</span> PMQ1.5M	14	1500	0,5		190187		190196
<span>M</span> PMQ3M	14	3000	1		190188		190197
<span>M</span> PMQ6M	14	6000	2		190189		190198
<span>M</span> PMQ10M	14	10000	5		190190		190199
<span>M</span> PMQ0.6M-W	14	600	0,2	•	190214		190224
<span>M</span> PMQ1.5M-W	14	1500	0,5	•	190216		190226
<span>M</span> PMQ3M-W	14	3000	1	•	190220		190230
<span>M</span> PMQ6M-W	14	6000	2	•	190222		190232
<span>M</span> PMQ10M-W	14	10000	5	•	190218		190228

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be necessary and embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current legality in case of using software.

## ACCESSORIES

Descripción	# Código
Set of 2 frames for embedding PMQ platforms (400x300mm)	190349
Set of 2 covers for protecting PMQ platforms (400x300mm)	190350

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

GIROPES



PMQ  
WHEEL WEIGHING



CABLE



WIRELESS

### OPTIONAL INDICATOR

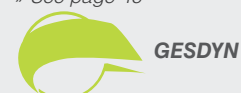
- » Indicators & optionals
- SERIE GI620
- See page 38

### FIRMWARE INDICATOR

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## PMR WHEEL WEIGHING



### VERSIONS

- » **PMR:** wired version (with a 10m long cable)
- » **PMR-W:** Wireless version (with optional cable connection)

### WEIGHING PLATFORM

Platform for wheel weighing systems. It allows the connection to a weight indicator to configure the weighing systems of the vehicles in static and / or dynamic weighing.

### INSTALLATION

Wheel weighing systems, where the number of platforms matches the number of vehicle wheels.

The platforms must be placed on a coarse surface or secured to the ground with their corresponding accessories.

NOTE: always verify that all wheels are at an equal height (the angle caused by any imbalance must be below 0.5°).

Slip-resistant rubber on the underside of the foot for improved traction with the surface.

WIRELESS connection detail



\*Indicators not included GI620 SERIES (see page 38)

## MAIN FEATURES

### FEATURES

<b>Dimensions</b>	500 mm x 400 mm
<b>Structure</b>	Aluminium
<b>Protection</b>	IP68
<b>Installation</b>	On ground portable
<b>Operating temperature</b>	-10C° a +40C°
<b>Height</b>	58 mm
<b>Weight per platform</b>	18 kg
<b>Cable length</b>	10 meters
<b>Finishes</b>	The platform is anodised silver and the feet are black.
<b>Models</b>	for CE-M legal use for internal use
<b>Class</b>	Static Clase III
<b>Connectivity</b>	cable or wireless
<b>Battery life of wireless platform</b>	25h

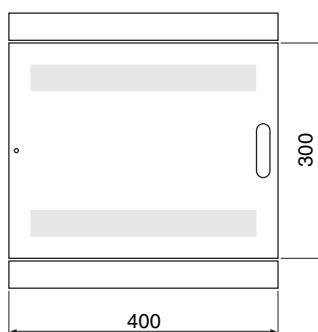
### FEATURES **M** in legal metrology version \*2

- » The CE-M divisions refer to the individual weight of the platform.
- » The total weight of the vehicle is usable for road control and load distribution according to the customer's application.
- » **Wheel weighing systems, where the number of platforms is equal to the number of wheels of the vehicle, are approved, because the weight of the vehicle is determined with a single weighing.**
- » **The CE-M division** with which the total weight of the vehicle is indicated in the wheel weighing systems (4 platforms) is equal to the divisions of the individual platforms.
- » Axle weighing system only valid for internal use.

\*For use in approved applications or dynamic weighing systems, it will be necessary to use leveling modules or bury the platforms.

## PMR MODEL

- » Useful weighing surface: 500 x 400 mm
- » Rolling height: 58 mm
- » Platform weight: 18 kg



Dimensions in mm

## PMR | PMR-W (internal use)

Reference	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	LOAD CELL INOX		NICKEL LOAD CELL	
					# Code		# Code	
PMR1.5	18	1500	0,2		190041		190100	
PMR3	18	3000	0,5		190047		190101	
PMR6	18	6000	1		190050		190102	
PMR10	18	10000	2		190043		190103	
PMR15	18	15000	2		190046		190104	
PMR1.5-W	18	1500	0,2	•	190233		190243	
PMR3-W	18	3000	0,5	•	190239		190249	
PMR6-W	18	6000	1	•	190241		190251	
PMR10-W	18	10000	2	•	190235		190245	
PMR15-W	18	15000	2	•	190237		190247	

## PMR | PMR-W (legal use CE-M **M**)\*2

Reference	Weight (kg)	Capacities (kg)	Fraction CE-M (kg)	Wireless	LOAD CELL INOX		NICKEL LOAD CELL	
					# Code		# Code	
<b>M</b> PMR1.5M	18	1500	0,5		190042		190105	
<b>M</b> PMR3M	18	3000	1		190049		190106	
<b>M</b> PMR6M	18	6000	2		190051		190107	
<b>M</b> PMR10M	18	10000	5		190044		190108	
<b>M</b> PMR15M	18	15000	5		190045		190109	
<b>M</b> PMR1.5M-W	18	1500	0,5	•	190234		190244	
<b>M</b> PMR3M-W	18	3000	1	•	190240		190250	
<b>M</b> PMR6M-W	18	6000	2	•	190242		190252	
<b>M</b> PMR10M-W	18	10000	5	•	190236		190246	
<b>M</b> PMR15M-W	18	15000	5	•	190238		190248	

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be necessary and embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current legality in case of using software.

## ACCESSORIES

Descripción	# Código
Set of 2 frames for embedding PMR platforms (500 x 400 mm)	190002
Set of 2 covers for protecting PMR platforms (500 x 400 mm)	190048

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

GIROPES



# PMR

## WHEEL WEIGHING



## CABLE



## WIRELESS

### OPTIONAL INDICATOR

- » Indicators & optionals
- SERIE GI620
- See page 38

### FIRMWARE INDICATOR

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## PMS WHEEL WEIGHING



### VERSIONS

- » **PMS:** wired version (with a 10m long cable)
- » **PMS-W:** Wireless version (with optional cable connection)

### WEIGHING PLATFORM

Platform for wheel weighing systems. It allows the connection to a weight indicator to configure the weighing systems of the vehicles in static and / or dynamic weighing.



WIRELESS connection detail



Slip-resistant rubber on the underside of the foot for improved traction with the surface.

### INSTALLATION

The platforms must be placed on a coarse surface or secured to the ground with their corresponding accessories.

NOTE: always verify that all wheels are at an equal height (the angle caused by any imbalance must be below 0.5°).

\*Indicators not included GI620 SERIES (see page 38)

## MAIN FEATURES

### FEATURES

<b>Dimensions</b>	700 mm x 450 mm
<b>Structure</b>	Aluminium
<b>Protection</b>	IP68
<b>Installation</b>	On ground portable
<b>Operating temperature</b>	-10C° a +40C°
<b>Height</b>	58 mm
<b>Weight per platform</b>	26 kg
<b>Cable length</b>	10 meters
<b>Finishes</b>	The platform is anodised silver and the feet are black.
<b>Models</b>	for CE-M legal use for internal use
<b>Class</b>	Static Clase III
<b>Connectivity</b>	cable or wireless
<b>Battery life of wireless platform</b>	25h

### FEATURES **M** in legal metrology version \*2

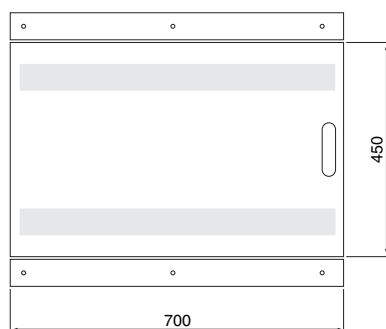
- » The CE-M divisions refer to the individual weight of the platform.
- » The total weight of the vehicle is usable for road control and load distribution according to the customer's application.
- » **Wheel weighing systems, where the number of platforms is equal to the number of wheels of the vehicle, are approved, because the weight of the vehicle is determined with a single weighing.**
- » **The CE-M division** with which the total weight of the vehicle is indicated in the wheel weighing systems (4 platforms) is equal to the divisions of the individual platforms.
- » Axle weighing system only valid for internal use.

\*For use in approved applications or dynamic weighing systems, it will be necessary to use leveling modules or bury the platforms.



## PMS MODEL | PMS-W (WIRELESS)

- » Useful weighing surface: 700 x 450 mm
- » Rolling height: 58 mm
- » Platform weight: 26 kg



Dimensions in mm

## PMS | PMS-W (internal use)

Reference	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	LOAD CELL INOX		NICKEL LOAD CELL	
					# Code		# Code	
PMS6	26	6000	1		190057		190110	
PMS10	26	10000	2		190052		190111	
PMS15	26	15000	2		190055		190112	
PMS6-W	26	6000	1	•	190257		190263	
PMS10-W	26	10000	2	•	190253		190259	
PMS15-W	26	15000	2	•	190255		190261	

## PMS | PMS-W (legal use CE-M **M**)\*2

Reference	Weight (kg)	Capacities (kg)	Fraction CE-M (kg)	Wireless	LOAD CELL INOX		NICKEL LOAD CELL	
					# Code		# Code	
<b>M</b> PMS6M	26	6000	2		190059		190113	
<b>M</b> PMS10M	26	10000	5		190053		190114	
<b>M</b> PMS15M	26	15000	5		190054		190115	
<b>M</b> PMS6M-W	26	6000	2	•	190258		190264	
<b>M</b> PMS10M-W	26	10000	5	•	190254		190260	
<b>M</b> PMS15M-W	26	15000	5	•	190256		190262	

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be necessary and use leveling modules of at least 3 meters or embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current legality in case of using software.

## ACCESSORIES

Description	# Código
Set of 2 frames for embedding PMS platforms (700 x 450mm)	190003
Set of 2 covers for protecting PMS platforms (700 x 450mm)	190056
Set of modular aluminum mat with rubber ramp of 1 m for a PMS (700mm)	190317
Set of modular aluminum mat with rubber ramp of 3 m for a PMS (700mm)	190211

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

Set of 2 modular aluminum mats of 1 or 3 meters with rubber ramp for better grip and accessibility of the wheels of different types of vehicles. Compatible with different PM platforms, easy to transport and homologable.

GIROPES



# PMS

## WHEEL WEIGHING



## CABLE



## WIRELESS

### OPTIONAL INDICATOR

- » Indicators & optionals
- SERIE GI620
- See page 38

### FIRMWARE INDICATOR

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## PMT WHEEL WEIGHING



### VERSIONS

- » **PMT:** wired version (with a 10m long cable)
- » **PMT-W:** Wireless version (with optional cable connection)

### WEIGHING PLATFORM

Platform for wheel weighing systems. It allows the connection to a weight indicator to configure the weighing systems of the vehicles in static and / or dynamic weighing.



WIRELESS connection detail



Slip-resistant rubber on the underside of the foot for improved traction with the surface.

\*Indicators not included GI620 SERIES (see page 38)

## MAIN FEATURES

### FEATURES

<b>Dimensions</b>	900 mm x 500 mm
<b>Structure</b>	Aluminium
<b>Protection</b>	IP68
<b>Installation</b>	On ground portable
<b>Operating temperature</b>	-10C° a +40C°
<b>Height</b>	58 mm
<b>Weight per platform</b>	41 kg
<b>Cable length</b>	10 meters
<b>Finishes</b>	The platform is anodised silver and the feet are black.
<b>Models</b>	for CE-M legal use for internal use
<b>Class</b>	Static Clase III
<b>Connectivity</b>	cable or wireless
<b>Battery life of wireless platform</b>	25h

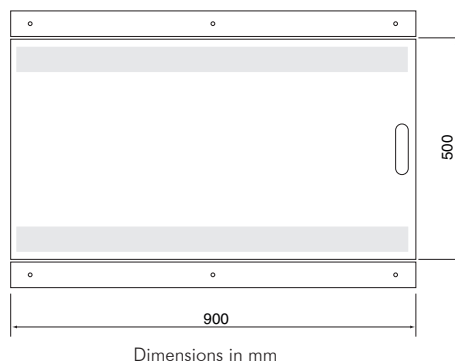
### FEATURES **M** in legal metrology version \*2

- » The CE-M divisions refer to the individual weight of the platform.
- » The total weight of the vehicle is usable for road control and load distribution according to the customer's application.
- » **Wheel weighing systems, where the number of platforms is equal to the number of wheels of the vehicle, are approved, because the weight of the vehicle is determined with a single weighing.**
- » **The CE-M division** with which the total weight of the vehicle is indicated in the wheel weighing systems (4 platforms) is equal to the divisions of the individual platforms.
- » Axle weighing system only valid for internal use.

\*For use in approved applications or dynamic weighing systems, it will be necessary to use leveling modules or bury the platforms.

## PMT MODEL | PMT-W (WIRELESS)

- » Useful weighing surface: 900 x 500 mm
- » Rolling height: 58 mm
- » Platform weight: 41 kg



Dimensions in mm

## PMT | PMT-W (internal use)

LOAD CELL INOX

NICKEL LOAD CELL

Reference	Weight (kg)	Capacities (kg)	Fraction (kg)	Wireless	# Code	# Code
PMT6	41	6000	1		190067	190116
PMT10	41	10000	2		190060	190117
PMT15	41	15000	2		190062	190118
PMT20	41	20000	5		190064	190119
PMT6-W	41	6000	1	•	190271	190280
PMT10-W	41	10000	2	•	190265	190273
PMT15-W	41	15000	2	•	190267	190275
PMT20-W	41	20000	5	•	190269	190277

## PMT | PMT-W (legal use CE-M **M**)\*<sup>2</sup>

LOAD CELL INOX

NICKEL LOAD CELL

Reference	Weight (kg)	Capacities (kg)	Fraction CE-M (kg)	Wireless	# Code	# Code
<b>M</b> PMT6M	41	6000	2		190068	190120
<b>M</b> PMT10M	41	10000	5		190061	190121
<b>M</b> PMT15M	41	15000	5		190063	190122
<b>M</b> PMT20M	41	20000	10		190065	190123
<b>M</b> PMT6M-W	41	6000	2	•	190272	190279
<b>M</b> PMT10M-W	41	10000	5	•	190266	190274
<b>M</b> PMT15M-W	41	15000	5	•	190268	190276
<b>M</b> PMT20M-W	41	20000	10	•	190270	190278

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be necessary and use leveling modules of at least 3 meters or embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current legality in case of using software.

## ACCESSORIES

Description	# Code
Set of 2 frames for embedding PMT platforms (900 x 500mm)	190004
Set of 2 covers for protecting PMT platforms (900 x 500mm)	190066
Set of modular aluminum mat with 1 m rubber ramp for a PMT or PMU (900mm)	190318
Set of modular aluminum mat with 3 m rubber ramp for a PMT or PMU (900mm)	190212

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

Set of 2 modular aluminum mats of 1 or 3 meters with rubber ramp for better grip and accessibility of the wheels of different types of vehicles. Compatible with different PM platforms, easy to transport and homologable.

GIROPES



PMT  
WHEEL WEIGHING



CABLE



WIRELESS

### OPTIONAL INDICATOR

- » Indicators & optionals  
SERIE GI620  
See page 38

### FIRMWARE INDICATOR

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## PMU

### WHEEL WHEIGING



#### VERSIONS

- » **PMT:** wired version (with a 10m long cable)

#### WEIGHING PLATFORM

Platform for wheel weighing systems. It allows the connection to a weight indicator to configure the weighing systems of the vehicles in static and / or dynamic weighing.



*\*Indicators not included GI620 SERIES (see page 38)*

## MAIN FEATURES

### FEATURES

<b>Dimensions</b>	900 mm x 700 mm
<b>Structure</b>	Aluminium
<b>Protection</b>	IP68
<b>Installation</b>	On ground portable
<b>Operating temperature</b>	-10C° a +40C°
<b>Height</b>	75 mm
<b>Weight per platform</b>	70 kg
<b>Cable length</b>	10 meters
<b>Finishes</b>	The platform is anodised silver and the feet are black.
<b>Models</b>	for CE-M legal use for internal use
<b>Connectivity</b>	cable

### FEATURES **M** in legal metrology version \*2

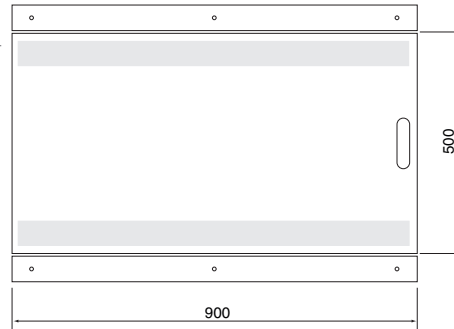
- » The CE-M divisions refer to the individual weight of the platform.
- » The total weight of the vehicle is usable for road control and load distribution according to the customer's application.
- » **Wheel weighing systems, where the number of platforms is equal to the number of wheels of the vehicle, are approved, because the weight of the vehicle is determined with a single weighing.**
- » **The CE-M division** with which the total weight of the vehicle is indicated in the wheel weighing systems (4 platforms) is equal to the divisions of the individual platforms.
- » Axle weighing system only valid for internal use.

\*For use in approved applications or dynamic weighing systems, it will be necessary to use leveling modules or bury the platforms.



## PMU MODEL

- » Useful weighing surface: 900 x 500 mm
- » Rolling height: 58 mm
- » Platform weight: 41 kg



Dimensions in mm

## PMU (internal use)

Reference	Weight (kg)	Capacities (kg)	Fraction (kg)	LOAD CELL INOX		NICKEL LOAD CELL	
				# Code		# Code	
PMU10	70	10000	2	190139		190182	
PMU15	70	15000	2	190140		190183	
PMU20	70	20000	2	190141		190184	
PMU25	70	25000	2	190142		190185	

## PMU (legal use CE-M M)\*2

Reference	Weight (kg)	Capacities (kg)	Fraction CE-M (kg)	LOAD CELL INOX		NICKEL LOAD CELL	
				# Code		# Code	
M PMU10M	70	10000	5	190191		190200	
M PMU15M	70	15000	5	190192		190201	
M PMU20M	70	20000	10	190193		190202	
M PMU25M	70	25000	10	190194		190203	

\* The codes refer to one platform. For use in approved applications or dynamic weighing systems, at least 2 platforms will be necessary and use leveling modules of at least 3 meters or embed the platforms. It can only be verified with a verifiable indicator at the time of order. The alibi memory is required to comply with current legality in case of using software.



## CABLE

## ACCESSORIES

Description	# Code
Set of 2 frames for embedding PMU platforms (900x700mm)	190132
Set of 2 covers for protecting PMU platforms (900x700mm)	190131
Set of modular aluminum mat with 1 m rubber ramp for a PMT or PMU (900mm)	190318
Set of modular aluminum mat with 3 m rubber ramp for a PMT or PMU (900mm)	190212

### Indicators GI620 Series (see page 38 for models and choose firmware)

Wheel weighing firmware	330006	-
Axle weighing firmware	330007	-

Set of 2 modular aluminum mats of 1 or 3 meters with rubber ramp for better grip and accessibility of the wheels of different types of vehicles. Compatible with different PM platforms, easy to transport and homologable.

### OPTIONAL INDICATOR

- » Indicators & optionals
- SERIE GI620
- See page 38

### FIRMWARE INDICATOR

- » Axle weighing
- » Wheel weighing

### SOFTWARE PC

- » Software PC GESDYN for axle weighing (optional)
- » See page 46



# GIROPES



## accessories

FOR PM PLATFORM  
SERIES

**Optional and accessories: they allow a correct weighing and a durability of the product**

Complete range of self-designed portable platforms with approval in static and/or dynamic weighing. Integration of optional and different indicators for a complete portable weighing installation.

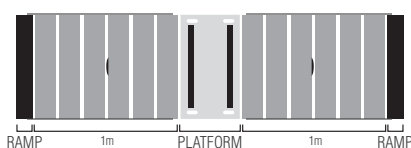
Static and/or dynamic weighing. Giropes offers different combinations of the wheel weighers platforms, connected to a digital weight display to configure weighing systems and with the possibility of integrating a transit or production management software according to the customer's needs.

The PM WIRELESS series platforms can be connected directly to the Management software for an internal weighing system.

For validated systems, ALIBI memory is required and whose products must be certified.

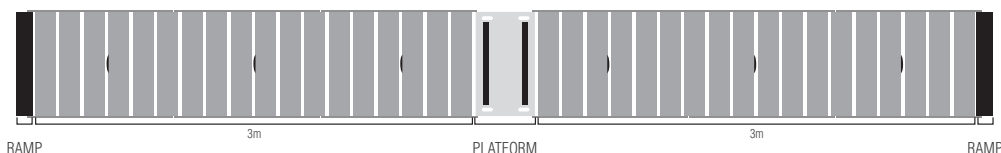
## KIT MATS

### KIT 1m



- » 1 Platform (not included)
- » Entrance mat (1m)
- » Exit mat (1m)
- » Entrance ramp
- » Exit ramp

### KIT 3m



- » 1 Platform (not included)
- » Entrance mat (3m)
- » Exit mat (3m)
- » Entrance ramp
- » Exit ramp

### REFERENCES

Reference	Set for platform	Dimensions (mm)	Homologable solution	#Code
EST700	PMS	1000x700 (x2)	NO	190317
EST900	PMT/PMU	1000x900 (x2)	NO	190318
CEST700	PMS	3000x700 (x2)	SI	190211
CEST900	PMT/PMU	3000x900 (x2)	SI	190212

\*The kit consists of an input and output of a platform. Order two units to get two inputs and two outputs. The dimensions shown do not take into account the two rubber ramps for input and output.

Accessories	PMQ	PMR	PMS	PMT	PMU
aluminium mats			●	●	●
cables	●	●	●	●	●
replacement charger	●	●	●	●	
Frames for embedding		●	●	●	●
Covers for frames		●	●	●	●

## REPLACEMENT CHARGER FOR WIRELESS PM SERIES PLATFORMS

Description	# Code
Replacement charger Li-Ion 8.4V Wireless PM	190351

## FRAME FOR EMBEDDING FOR PMQ - PMR - PMS - PMT - PMU PLATFORMS

Description	# Code
Set of 2 frames for embedding PMQ platforms (400x300mm)	190349
Set of 2 frames for embedding PMR platforms (500x400mm)	190002
Set of 2 frames for embedding PMS platforms (700x450mm)	190003
Set of 2 frames for embedding PMT platforms (900x500mm)	190004
Set of 2 frames for embedding PMU platforms (900x700mm)	190132

## COVERS FOR PROTECTING THE PLATFORM FOR PMQ -PMR - PMS - PMT - PMU PLATFORMS

Description	# Code
Set of 2 covers for protecting PMR platforms (400x300mm)	190350
Set of 2 covers for protecting PMR platforms (500x400mm)	190048
Set of 2 covers for protecting PMS platforms (700x450mm)	190056
Set of 2 covers for protecting PMT platforms (900x500mm)	190066
Set of 2 covers for protecting PMU platforms (900x700mm)	190131

## SET OF ALUMINUM MATS FOR PMS-PMT-PMU SERIES PLATFORMS.

Modular mats of 1 or 3 meters with rubber ramp.

Module **length** dimensions:

- » Module length 1 m
- » Module length 3 m

Module **width** dimensions:

- » Version: 700mm width
- » Version: 900mm width

Storage **dimensions** per module:

- » 730x530x120 (700mm width version)
- » 930x530x120 (900mm width version)

Rubber ramp

PWeight per 1m module: 24,65kg (modules width 900mm) and 19,50kg (modules width 700mm)

Height 60 mm

\*The kit consists of a mat for the entrance and exit of a platform together with the rubber ramp of entrance and exit. Order two units to get two entrances and two exits.  
The dimensions shown do not take into account the two rubber ramps for input and output.



**accessories**  
FOR PM PLATFORM  
SERIES



# COMBINES

AND INTEGRATES

**Set up the portable  
weight control station  
with the  
GI620 INDICATOR  
SERIES & PC Software**

Low-profile platforms can perform weighing at road control stations and also for internal use. To obtain the approved set for their detection and penalty function, they must meet some requirements:

The low-profile weighing platforms series BPR, with wireless or cable connectivity, are only verified with the set of indicator SERIES GI620 with the firmware AXLE WEIGHT (wireless & cable version) and/or WHEEL WEIGHT (Cable version) and the possibility of completing with the GESDYN software that will need to integrate the ALIBI memory.

For verified propose it has to be used embedded or with 3m mats.



**OIML R134 HOMOLOGATION**  
 DYNAMIC WEIGHING SYSTEM  
 WITH INDICATOR AND/OR SOFTWARE



  
 WIRELESS



# COMBINES

## AND INTEGRATES

[ software ]

## GESDYN

For BPR & PM series platforms (with axle weighing firmware)



An option for the portable station to weigh and control the infractions.

- » GESDYN DESKTOP software for the automation and management of weighing in low speed systems.
- » It allows to collect and manage the set of data recorded and the penalty of the overweight infractions of the vehicles.\*

[ Weighing indicators ]

## SERIE GI620

FOR BPR & PM SERIES PLATFORMS



The option with portable indicator that allows to have a mobile weight control station and penalty for overweight infraction in the vehicles.

The **GI620** indicator, integrated in a suitcase, has firmware wheel weight (static) and axle weight (static and dynamic) to choose at the time of purchase. The indicator has **wireless** or **cable** version to adapt to all types of installations.

[ Complete system ]

## GI620 PLUS

FOR BPR & PM SERIES PLATFORMS



The most complete option that allows to have a mobile weight control station and penalty for overweight infraction in the vehicles.

The system consists of **GI620** indicator, integrated in a suitcase, and **GESDYN** software for weighing management.



### SOFTWARE FOR WEIGHT CONTROL IN TRANSIT

\*GESDYN allows to differentiate the weight by each one of the axles of the vehicle or by tandems of axles. For the calculation of tandems the software allows to establish the distance between the centers of the axles depending on the legislation of each country.

# GIROPES



## GI620

### PORTABLE INDICATOR



#### VERSIONS

- » **GI620:** wired version (with a 10m long cable)
- » **GI620 W:** Wireless version (with optional cable connection)

#### GI620 FIRMWARE

- » Wheel weigher
- » Axle weigher

#### GI620 WIRELESS FIRMWARE

- » Axle weigher

#### WHEEL WEIGHT & AXLE WEIGHT PORTABLE SUITCASE INDICATOR

Reliability for axle and wheel weighing on the road or stations with portability needs

## SPECIFICATIONS

<b>Keypad</b>	Waterproof, alphanumeric with 12 keys and 7 operating keys
<b>Input/Output</b>	4 channels 1 RS232 output (standard) 1 output USB (optional) - for uploading/downloading data
<b>IP66</b>	IP54 (IP65 with closed case)
<b>Display</b>	LCD with 6 digits 27mm high and 14 segments for easy reading
<b>Units</b>	kg
<b>Printer</b>	Built-in thermal printer
<b>Ticket</b>	Fully configurable (GiManager)
<b>Standardisation</b>	CE-M approved (OIML R-76 / EN 45501)
<b>Available firmware</b>	Axle Weighing / Wheel Weighing
<b>Power supply</b>	110-240V AC 50/60Hz
<b>12Vdc Power supply</b>	For car or external battery (accessories not included)
<b>Battery</b>	Rechargeable lithium. 7.4V-2.6Ah Battery life during intense use: 5 hours Internal double battery kit in option for standard references (during intense use: 10 hours)
<b>Dimensions (mm)</b>	Equipment with long-lasting battery (specific refs): 30 hours 425 x 390 x 165 (Case included)
<b>Weight (kg)</b>	5

#### METROLOGICAL SPECIFICATIONS:

- » Max. 10,000e or multirange / multiinterval 2 x 10,000e @ 0.3  $\mu$ V/e in the CE-M approved version for legal use.
- » Max. 1,000,000 divisions viewable for internal factory use, with internal resolution up to 2,000,000 points.
- » Minimum impedance: 29 ohm
- » Maximum impedance: 1200 ohm
- » Class III and IIII

#### MEMORY

- » 1000 weighings can be stored in memory
- » 4 free and editable codes with 400 records each

#### I/O SECTION

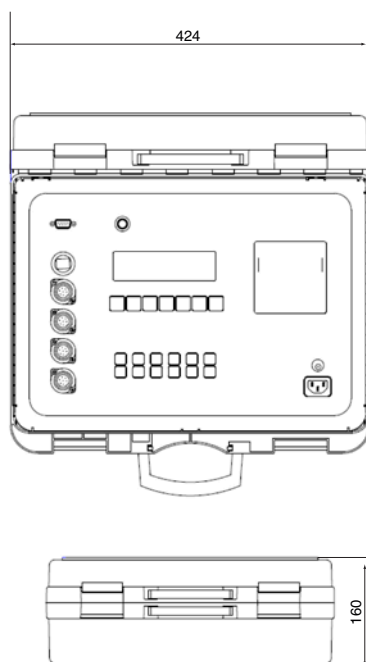
- » 1 RS232 serial output for PC
- » Wireless (optional)
- » USB (optional) - for uploading/downloading data
- » Alibi Memory (optional)
- » Car charger (optional accessory)

#### LANGUAGES

- » Spanish, Portuguese, French, English, Italian and German

## GI620 MODEL | GI620 W

- » Dimensions: 424 x 160 mm
- » Indicators weight: 5 kg



Dimensions in mm

FUNCTIONS	WHEEL WEIGHER*	AXLE WEIGHER
» Zero control on all platforms	✓	✓
» Weight display for each platform (static axle weighing)	✓	✓
» <b>Axle Weight Display (Axle Weighing)</b>		✓
» Display of the total number of platforms (up to 4 wheel weighing channels)	✓	✓
» <b>Total weight of vehicle or vehicle and trailer</b>		✓
» Date and time programming (serial calendar clock)	✓	✓
» <b>Calculation and printing of centre of gravity (on 2, 3 or 4 platforms) Coordinate or graphic display</b>	✓	
» Setting up print modes (via GiManager)	✓	✓
» Repeat ticket printing	✓	✓
» List of weighed vehicles	✓	✓
» List of weighed amounts	✓	✓

## INDICATOR

Description	Code #
GI620 LCD indicator suitcase	210268
GI620 LCD + USB indicator suitcase	210268-08
GI620 LCD Wireless indicator suitcase	210268-05
GI620 LCD Wireless + USB indicator suitcase	210268-09
GI620 LCD indicator suitcase BAT L	• 210349
GI620 LCD + USB indicator suitcase BAT L	• 210349-08
GI620 LCD Wireless indicator suitcase BAT L	• 210349-05
GI620 LCD Wireless + USB indicator suitcase BAT L	• 210349-09
Wheel weigher firmware*	330006 -
Axle weigher firmware*	330007 -

\*Firmware to choose at the time of order. Wheel weight firmware not available for wireless suitcase.

## OPTIONALS

Description	Code #
ALIBI/DSD memory add-on card	220008
Car charger (optional accessory)	-
Internal double battery kit (2 x 3,7V/5,2MAh Ion-Li)	220001-10
Laptop i5 256GB SSD - 8GB RAM - W10P - 13.3"	280753

GIROPES



# GI620

## PORTABLE INDICATOR



## PRINTING

- » 4 header lines.
- » Total weight of the vehicle
- » Number of weighings.
- » Date and time.
- » Listings:
  - » List of heavy vehicles.
  - » List of heavy totals.

### Only for wheel weighing firmware and GI620

- » Printing coordinates and center of gravity graph.
- » Weight of each platform and sum of any combination active at the moment of weighing.



GIROPES)



GI620

COMPACT



## VERSIONS

- » **GI620:** wired version (with a 10m long cable)

### GI620 FIRMWARE

- » Wheel weigher
- » Axle weigher



## WHEEL WEIGHER & AXLE WEIGHER COMPACT INDICATOR

GI620 indicator in tabletop format that fits perfectly in offices and small spaces, for use with wheel scales and axle scales.

## SPECIFICATION

<b>Keypad</b>	Waterproof, alphanumeric with 12 keys and 7 operating keys
<b>Input/Output</b>	4 channels 1 RS232 output (standard) 1 output Ethernet-USB (optional) - for uploading/downloading data
<b>Protection</b>	IP54
<b>Display</b>	LCD with 6 digits 27mm high and 14 segments for easy reading
<b>Units</b>	kg (option lb outside of legal metrology)
<b>Ticket</b>	Configurable (GiManager)
<b>Homologation</b>	Homologables CE-M (OIML R-76 / OIML R-134) *according to platform
<b>Available firmware</b>	Axle Weighing Wheel Weighing
<b>Power supply</b>	110-240V AC 50/60Hz
<b>Battery</b>	Rechargeable lithium. 7,4V-2,6Ah (optional). Battery life during intense use: 5 hours
<b>Dimensions (mm)</b>	237x 201 x 124
<b>Weight (kg)</b>	4
<b>Operating temperature range</b>	between -10°C and 40°C

\*OIML R76 in static with specific models of wheel weighers and axle weighers.

\*OIML R134 in dynamic with wheel weigher platform model BPRG.

Speed up to 10 km/h, certified at 5 km/h.

### METROLOGICAL SPECIFICATIONS:

- » Max. 10,000e or multirange / multiinterval 2 x 10,000e @ 0.3  $\mu$ V/e in the CE-M approved version for legal use.
- » Max. 1,000,000 divisions viewable for internal factory use, with internal resolution up to 2,000,000 points.
- » Minimum impedance: 29 ohm
- » Maximum impedance: 1200 ohm
- » Class III and IIII

### MEMORY

- » 1000 weighings can be stored in memory
- » 4 free and editable codes with 400 records each

### I/O SECTION

- » 1 RS232 output.
- » Ethernet + usb.
- » Alibi memory (optional).
- » Battery (optional).

### LANGUAGES

- » Spanish, Portuguese, French, English, Italian and German



GIROPES



GI620

COMPACT



## INDICATOR

Description	Code #	
GI620 ABS IP54 with RS232	210355	
GI620 ABS IP54 with RS232 and Ethernet + USB	210355-1	
Wheel weigher firmware*	330006	-
Axle weigher firmware	330007	-

\*Firmware to choose at the time of order.

## OPTIONALS

Description	Code #	
Placa adicional memoria ALIBI/DSD	220008	
Extra battery	220001-5	

## ACCESSOIRES

Description	Code #	
45 mm 6-digit weight repeater	210185	
100 mm 6-digit weight repeater	210256	
IMP 27 dot matrix printer - Paper size: 76, 69 and 57 mm wide	910034	
IMP 28 dot-matrix printer - Paper size: 76.2 mm wide	910035	
IMP 29 dot matrix printer - Paper size: 57.5, 69.5, 76 mm wide	630065	
IMP27.4 Thermal Printer - Paper size: 72 mm wide	630056	
Laptop i5 256GB SSD - 8GB RAM - W10P - 13.3"	280753	

### Power Supply

BS1363 (UK) - IP54	220247	
SEV1011 (CH) - IP54	220248	
Tipo B (USA) - IP54	220249	



210355



210355-1

# WHEEL WEIGHING SOLUTION



**2**  
Indicator

Firmwares:  
wheel weighing  
& axle weighing



**3**  
Software

Software  
Gesdyn



\*Only for solutions of  
weighing axles

**4**  
Devices

Control  
Devices



# AXLE WEIGHING SOLUTION

## Specific Software

"Giropes has a wide range of indicators and software associated according to the sector or the production process system"

# Gimanager & Gesdyn

“Specific software for the wheel or axle weighing solution system”



## GIMANAGER

SOFTWARE PC

Configuration and display of gi620 indicators

### MAIN FUNCTIONS:

- » Search for indicators connected in network or serial port
- » Download firmware updates
- » Management of basic configurations and firmware backups
- » Configuration of GI620 indicator parameters (general, metrological and communications)
- » Ticket configuration

### Real-time display of scale weight.

### Folder system:

- » for exported configurations and firmware backups

### Device configuration:

- » Calibration parameters
- » Communication configuration
- » Regional parameters



## GESDYN

SOFTWARE PC, WEB & APP

Software for the management of static and dynamic road weighing.

- » GesDyn is the software from Giropes used in the static and dynamic weighing system for detection and penalty in traffic.
- » It includes vehicle classification, traffic statistics and data management. According to the parameters and their classification, vehicles will be penalized or not. The software structure allows its compatibility with third-party hardware and software devices. It allows the adjustment of its application in different situations. It also allows working with access control and vehicle positioning peripherals
- » GesDyn is the penalty system ready to meet the most demanding and different needs, respecting the accuracy, reliability and features of the software.
- » It also gives the user the possibility of controlling the traffic of one or more roads.



GIROPES  
CE



## GIMANAGER

SOFTWARE  
Configuration and display for  
indicators  
GI620 SERIES





## FUNCTIONS AND APPLICATIONS

### FUNCTIONS AND APPLICATIONS

- » Search for indicators connected in network or serial port
- » Download firmware updates
- » Management of basic configurations and firmware backups
- » Configuration of indicator parameters (general, metrological and communications)

### CONFIGURATIONS

- » Configuration of the GI650D device.
  - » Metrological parameters
  - » AD parameters
  - » Calibration parameters
  - » Communication configuration
  - » Regional parameters
- » Folder system:
  - » For exported configurations and firmware backups.
- » Software update:
  - » Gimanager automatically detects updates and asks the user to install them.

### DISPLAY

- » Real-time display of scale weight.



## GIMANAGER

**SOFTWARE**  
Configuration and display  
for the indicators  
**SERIES GI620**



**GIMANAGER  
DOWNLOAD**



## PC REQUIREMENTS

- » SO Win 8 or posterior
- » Processor: 1GHz
- » RAM memory: 2GB
- » Disc space: 10GB

### LICENSE

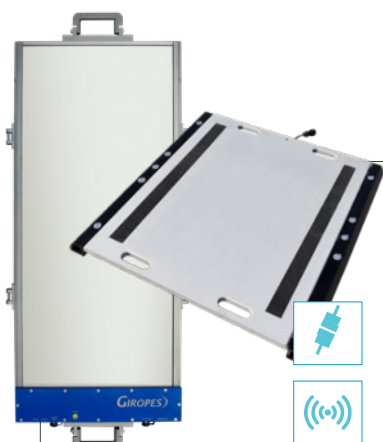
Description	Code #
Gimanager. *Download in web	-

# GIROPES



## GESDYN

SOFTWARE  
FOR ROAD  
CONTROL



### PLATFORMS



### INDICATORS

#### WHEEL WEIGHER PLATFORMS

- » SERIE BPR (See page 16)
- » SERIE PM (See page 24)

#### CONNECTIVITY

- » Cable
- » Wireless

#### OPTIONAL INDICATOR

- » SERIE GI620 (See page 38)

#### FIRMWARE

- » Axle weigher



## GESDYN

Giropes software used in the weighing system for traffic detection and penalization.

WatchDesk allows you to display the information associated with the vehicle registration such as speed, number of axles, vehicle classification, etc.

- » Records: display of all vehicles registered in the system. It allows a later statistical query and report extraction through search parameters.
- » Vehicle classification: list of all existing vehicle classifications.
- » Real-time visualization of vehicles circulating in the weighing area, through CCTV cameras.

- » Automatic license plate recognition (ANPR/LPR).
- » Traffic statistics (list of overweight vehicles, list of vehicles according to classification, etc.).
- » Visual indicators for displaying vehicles that have committed an infraction.
- » Different levels of information presentation.
- » Export of information to Microsoft Excel and PDF.

*\*Allows the integration of all modules and accesses with mobile devices.*

## GESDYN DESKTOP

**Programmer that allows the total control of a weighing station, either with one control point (ONE) or with multiple control points (PRO):**

- » Configuration and manual or automatic weighing of the weighing station.
- » Weight regulation: definition of the weight thresholds, either generic or depending on the classification of the vehicles.
- » Penalty for axle tandems.

## GESDYN VERSIONS

### GESDYN ONE

- » 1 Point of control

### GESDYN PRO

- » Multiple weighing control points.
- » Vehicle detection and access modules available.
- » Gesdyn web access available.

## MODULES

### CONTROL ROOM

- » The main module of the web application is the WatchDesk.
- » The watchDesk is a view or iView where the registered vehicles are displayed including an image and, in case of a violation, the associated penalty or infraction.
- » WatchDesk allows the display of information associated with the vehicle registration such as speed, number of axles, vehicle classification, etc.

### DATA MANAGEMENT

- » The GesDyn system allows to keep track of the entities:
- » Records: visualization of all vehicles registered in the system. It allows a later statistical query and extraction of reports by means of search parameters.
- » Vehicle classification: list of all existing vehicle classifications.
- » Weight regulation: definition of weight thresholds, either generic or according to vehicle classification.
- » Checkpoints: Management of road sections with the integrated GesDyn system.

## GESDYN WEB

**It is the online (web) management solution for monitoring, data analysis and statistics. It allows access to GESDYN PRO, from anywhere.**

- » The information is evaluated in real time and immediately visualized using mobile devices, such as smart phones and/or tablets with internet access.
- » The web environment is oriented to traffic managers and administrators or police forces.
- » Platform to unify weighing records or penalties from different weighing stations.
- » Real-time weighing and sanction records. It does not allow live visualization of the station.

## DISPLAYS

compatibles with GESDYNPRO

### IP CAMERAS

- » CCTV cameras allow monitoring of the control point, both day and night, in real time, achieving both color images and videos.

### AUTOMATIC LICENSE PLATE RECOGNITION

- » GesDyn Web can be integrated with automatic license plate recognition systems (ANPR/LPR).

### 3D SCANNER

- » Measures vehicle dimensions in 3D. Its sensor also allows the detection of vehicle speed or classification. It also sends the data to the GesDyn system.

### VARIABLE MESSAGE SIGNS (VMS)

- » VMS panels are used to communicate with vehicles with evidence of violation. The offender is informed of the obligation to leave the road and to indicate the weight and registration number of the vehicle to the traffic authority.

*\*Installation on the customer's server or CLOUD version*

## LICENSES

Description	Code #	
GESDYN PRO Software (Traffic detection and sanction)	280094	
GESDYNWEB Web platform on the client's server	280079	
* Requires maintenance and hosting (consult)		
GESDYNWEB CLOUD Platform (annual price)	280069	
Integration with third party system via webservice	-	

GIROPES



**GESDYN**

**SOFTWARE  
FOR ROAD  
CONTROL**



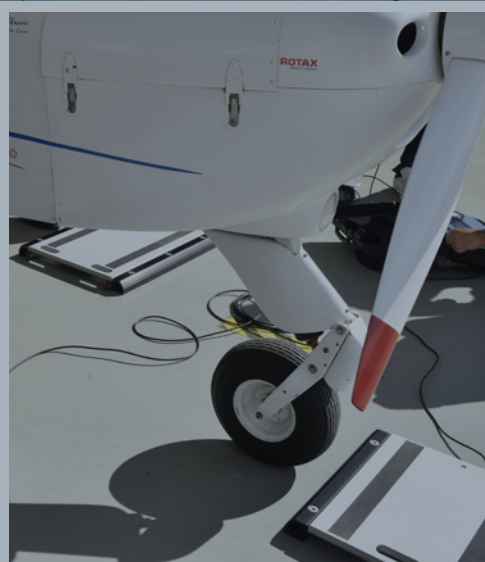
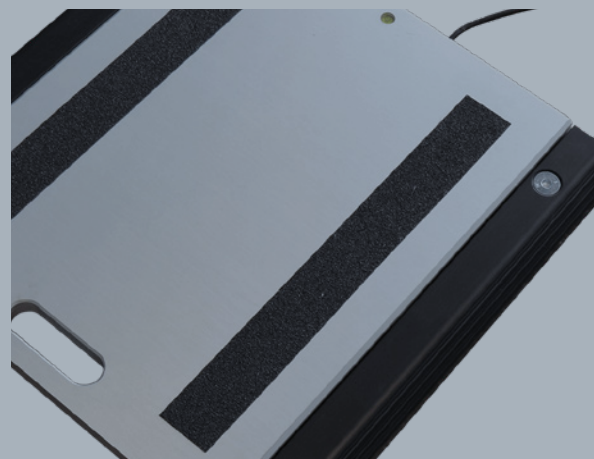




# OUTSTANDING PROJECTS

Our experience  
is our endorsement

The proven experience of Giropes has led to the realization of several successful complete installations in companies in many different fields, from the agricultural sector to waste treatment, aeronautics, racing, logistics and industry among many others.





# CONDITIONS GUARANTEE

## RMA

### ADVERTISING AND INFORMATIVE MAILING

#### GUARANTEE 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.
- » In the case of **replacement**, a new warranty period does not start, but rather the original product's pending warranty period 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 (mientras dure la reparación, se suspende el cómputo del plazo de dos años).
- » 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 TRANSPORTS:

- » 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.



#### WITHDRAWAL OF THE USED ELECTRONIC PRODUCT WITH THE SAME CHARACTERISTICS PURCHASED:

- » GIROPES, S.L. is registered in the Registry of Electrical and Electronic Equipment of the Ministry of Industry, Tourism and Commerce (RII-AEE) under number 7322.
- » GIROPES, S.L. makes available to the customer upon delivery of your purchase the possibility of withdrawing a used electrical and / or electronic product with the same characteristics as the one sold.

# RMA

Giropès 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://rma.giropes.com/rma.php>

## STEP 1

**Go to Giropès website and click on**

**RMA section:**

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



## STEP 2

**Complete the form to request RMA number:**

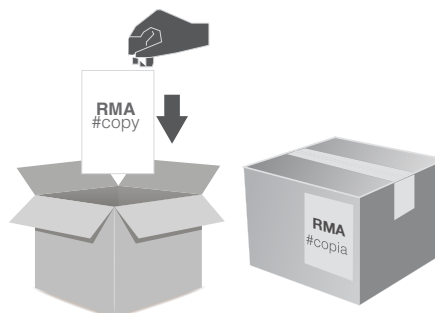
- <https://www.giropes.com/en/rma/>
- Giropès will answer within a period of more less 24 hours (on weekdays), with an RMA number and a label.



## STEP 3

**Return to Giropès:**

- 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, Giropès will proceed verifying and/or repairing it. As soon as the incident is resolved, Giropès 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 Giropès 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 Giropès 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 Giropès 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. Giropès 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 Giropès 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 Giropès 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 an 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 Giropès SL will not be valid.

### RETENTION OF TITLE

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

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







# GIROPES)

GIROPES  
Solutions



Baxtran

giram

## Platforms Wheel Weighing 2023



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