



#PORTABLE SOLUTION

control station

weigh in motion



Designed as a complete system to
obtain a mobile control and application
station for penalizing vehicle overweight
infractions



IS A TRADE MARK OF:

GIROPES

PORTATIL SOLUTION CONTROL STATION

OUR SYSTEMS AND SOFTWARE

Our portable weighing system, together with Gesdyn software, allows the integration of different control elements and instant data transmission for low speed weight control.

The solution allows variation of components according to the needs of data collection. Likewise, the weighing platforms themselves can be chosen with wireless or cable transmission. Starting from the weighing element, the system can be configured with a GI620 portable indicator and/or with PC software for data management. The solution can be complemented with multiple peripherals such as cameras and other sensors depending on the requirements.



BPRG

WHEEL WEIGHING PLATFORMS

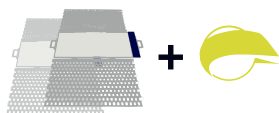
PORTABLE PADS WITH
ALUMINIUM STRUCTURE



SOLUTIONS FOR CONTROL
STATIONS

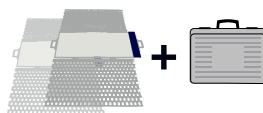
GESDYN

SOFTWARE



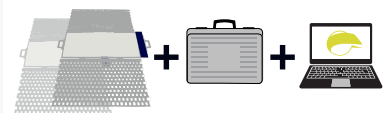
GI620

**WEIGHING
CONTROL**



GI620 PLUS

**COMPLETE
SYSTEM**





GESDYN

SOFTWARE

A complete option so that the portable station can both weigh and control infringements. GESDYN DESKTOP software for the automation and weighing management in systems of low speed.

Control and signaling modules

- » Control module
- » Weight in motion

Uses:

- » Static and in motion weighing
- » Enforcement control

Certified: Dynamic



GI620

WEIGHING CONTROL

Option with portable indicator that allows to have a mobile weight control station and penalty for overweight infringement vehicular.

Certified: Static & Dynamic

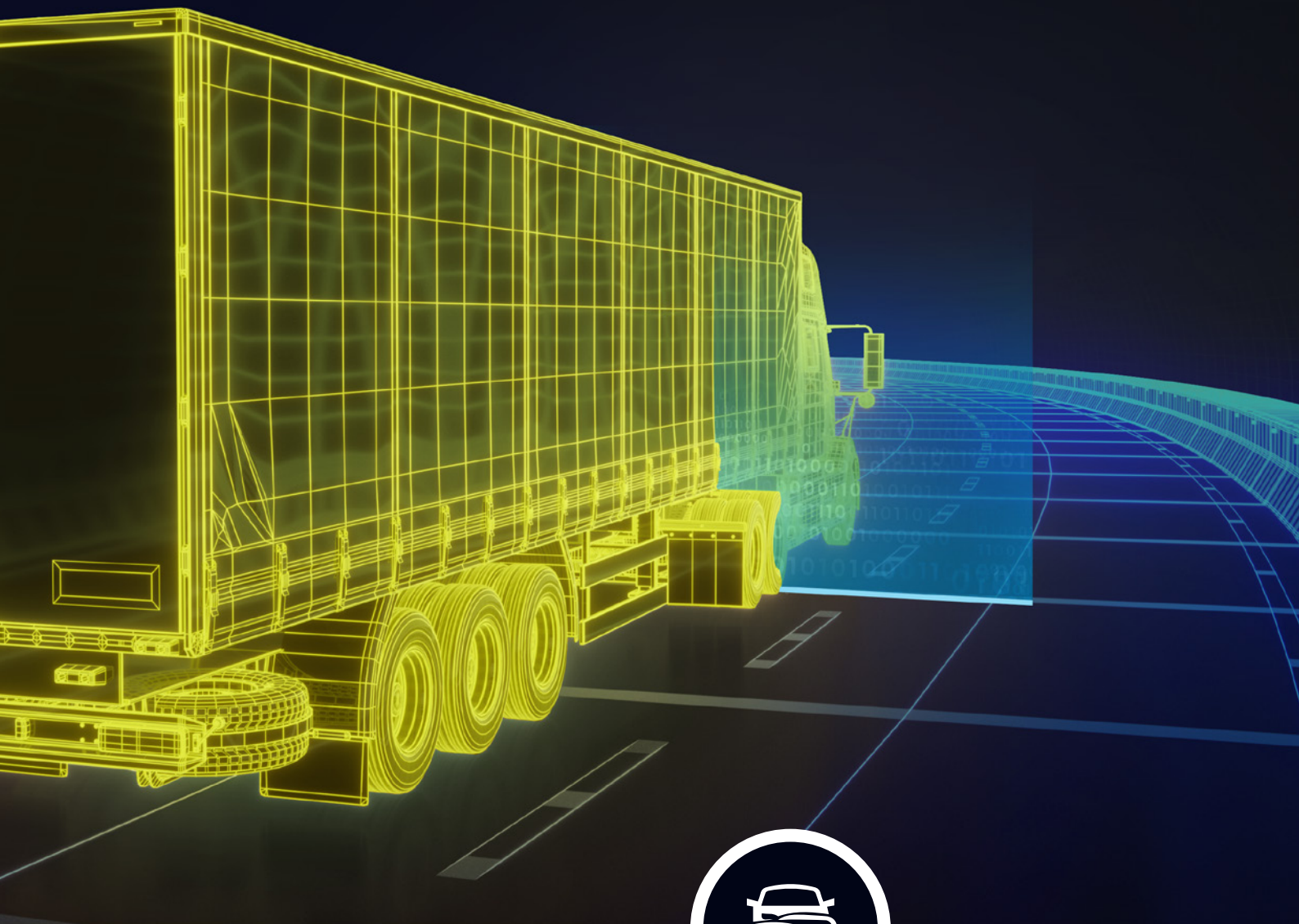


GI620 PLUS

COMPLETE SYSTEM

The most complete option that allows to have a mobile weight control station and penalty for overweight infringement vehicular.

Certified: Static & Dynamic



MAIN GOAL

Implementation of mobile weighing system that allows the control of weighing and dimensions on the road and the corresponding monitoring of images and data transmission. The system will allow communication and image surveillance of what happened in the control.

Overloaded vehicles or incorrectly loaded vehicles also represent a greater safety risk, so both manufacturers and supervisory authorities have our portable scales for accurate and effective weight determination of vehicles.



AXLE WEIGHING

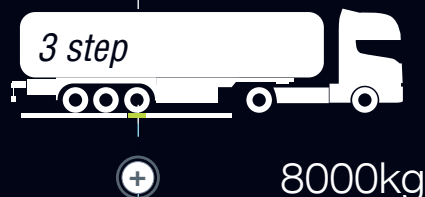
girwim IS A TRADE MARK OF:
GIROPES



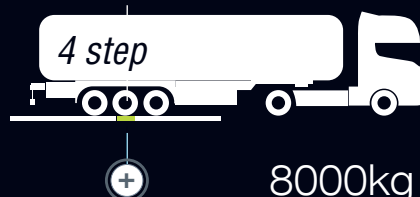
7000kg



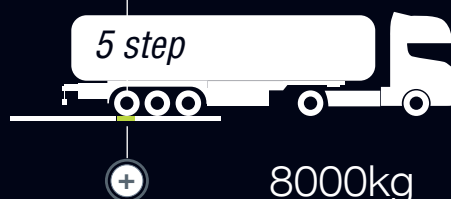
12000kg



8000kg



8000kg



8000kg

43.000 kg



BPRG *WIM SPEED: up to 15 km/h (Certified up to 5 km/h)*

SET OF 2 PLATFORMS ALUMINIUM STRUCTURE

Low-profile wheel weighing platforms. It allows the connection to a weighing digital indicator to configure the weighing systems of the vehicles in static and/or dynamic weighing.

TECHNICAL SPECIFICATIONS

- Aluminum frame
- IP66 protection
- Installation on-ground (set of two platforms to weigh an axle + mats).
- Certified with indicator and/or software
 - Static: Classe III
 - Dynamic: OIML R 134
- Maximum acceptable overload: 120%.
- Operating temperature: -10 °C + 40 °C.
- Storage temperature: -20 °C + 70°C.
- Rechargeable battery lithium 7.4V.
- Easy installation: a set of two platforms with a mat to level. The system with the indicator and/or PC can be assembled in less than 10 minutes.

IT INCLUDES

- A mat 3 m in length at the front part and the back part of each platform.
- Cable protections (2u) and 10m length of cable for non wireless platform. These items are optionnal in wireless references.



CONNECTION OPTIONS

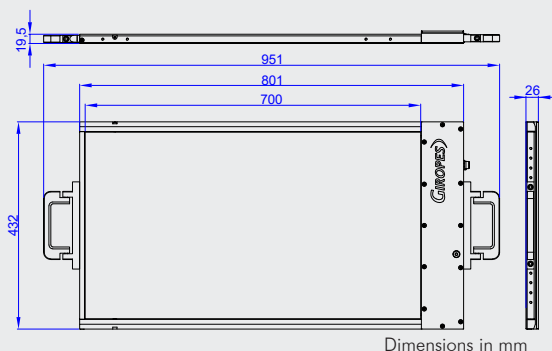


CABLE VERSION
(10m lenght cable)



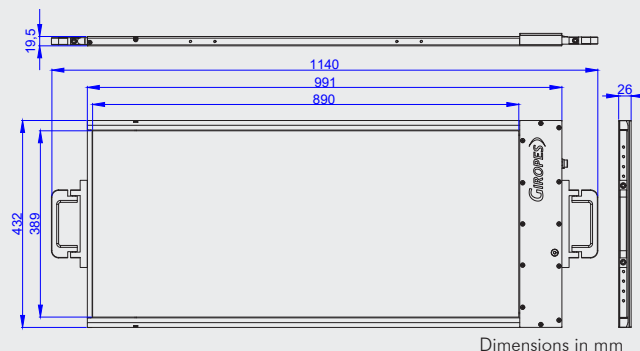
WIRELESS OPTION
(with cable connection as optional)

2 DIMENSION VERSIONS



SPECIFICATIONS

- Useful weighing surface: 700 x 389 mm
- Platform height: 23 mm
- Weigh per platform: 24 kg



SPECIFICATIONS

- Useful weighing surface: 890 x 389 mm
- Platform height: 23 mm
- Weigh per platform: 27 kg

REFERENCES

References	Width (mm)	Weight (kg)	Capacity (kg)	Precision (kg)	Wireless	# Code
KIT BPRG700-10	700	24	10000	5		190297
KIT BPRG700-15	700	24	15000	5		190298
KIT BPRG-W700-10	700	24	10000	5	•	190299
KIT BPRG-W15000	700	24	15000	5	•	190300
KIT BPRG700-10	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

REFERENCES M

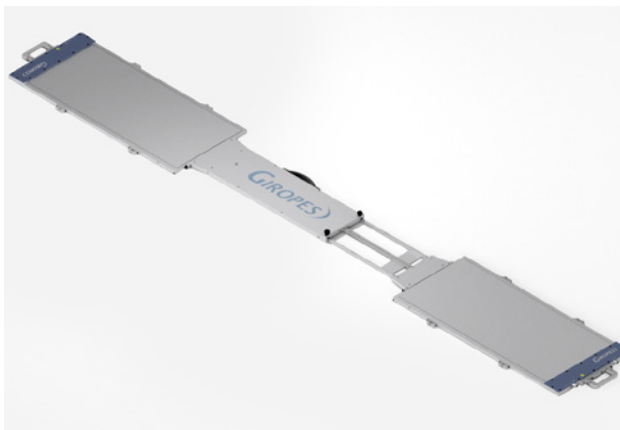
References	Width (mm)	Weight (kg)	Capacity (kg)	Precision (kg)	Wireless	# Code
M KIT BPRG10000	700	24	10000	50		190305
M KIT BPRG15000	700	24	15000	50		190306
M KIT BPRG-W10000	700	24	10000	50	•	190307
M KIT BPRG-W15000	700	24	15000	50	•	190308
M KIT BPRG10000	890	27	10000	50		190309
M KIT BPRG15000	890	27	15000	50		190310
M KIT BPRG-W10000	890	27	10000	50	•	190311
M KIT BPRG-W15000	890	27	15000	50	•	190312

- The kit is supplied with two 3 meter entry and exit mats. In the case of assemblies with a cable connection system, cable gland accessories are also supplied.



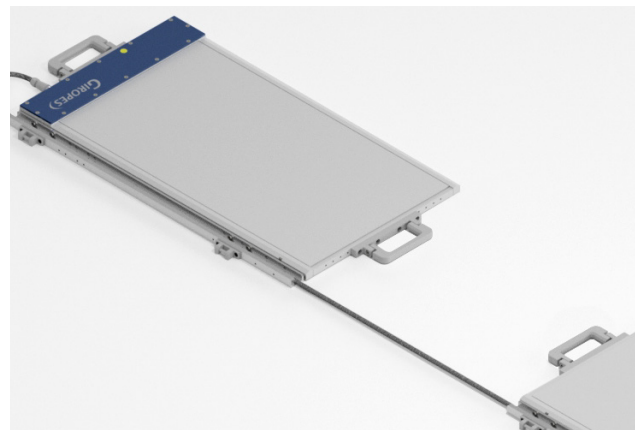
**SETS OF PLATFORMS AND MATS SHOULD BE ORDERED WITH
GI620 INDICATOR AND/OR SOFTWARE GESDYN**

OPTIONAL ACCESSOIRES



POSITIONER

Tool to adjust the two platforms for an optimal arrangement.



CABLE AND CABLE PROTECTION

The wireless version is supplied without cable protectors or connection cable to the indicator. They can be ordered separately.



GI620

PORTABLE INDICATOR LCD DISPLAY

Weighing indicator for axle
portable platforms



WIRELESS



CABLE VERSION



GESDYN
*SOFTWARE OPTION

Keypad Waterproof, alphanumeric with 12 keys and 7 operating keys

Input 4 channels

Output 1 RS232 output (standard)
1 output USB (optional) - for downloading data
Wireless optional

Protection IP54 (IP65 with closed case)

Display LCD with 6 digits 27mm high and 14 segments for easy reading

Units kg

Printer Built-in thermal printer

Ticket Fully configurable (GiManager)

Homologation CE-M approved (OIML R-76 / EN 45501)

Available firmware Axle Weighing / Wheel Weighing

Power supply 230VAC

12Vdc Power supply For car or external battery (accessories not included)

Battery Rechargeable lithium. 7.4V-2.6Ah
Battery life during intense use: 5 hours

Dimensions (mm) 425 x 390 x 165 (Case included)

Weight (kg) 5

AXLE WEIGHING

» Two platforms will be required per axle, the sum of which will allow the weight of the vehicle to be obtained.

» Axle weighing can be manual or automatic (in a static or dynamic system)



FUNCTIONS

AXLE WEIGHING

- » Zero control on all platforms
- » Weight display for each platform (static axle weighing)
- » Axle Weight Display (Axle Weighing)
- » Total weight of vehicle or vehicle and trailer
- » Date and time programming (serial calendar clock)
- » Setting up print modes (via GiManager)
- » Repeat ticket printing
- » List of weighed vehicles
- » List of weighed amounts



» The Gi620 has a wheel weigh firmware option for other applications. The desired version must be expressly requested

I/O SECTION AND OPTIONS

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

LANGUAGES

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

MEMORY

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

METROLOGICAL SPECIFICATIONS

- » Max. 10,000e or multirange / multiinterval 2 x 10,000e @ 0.3 μ 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.

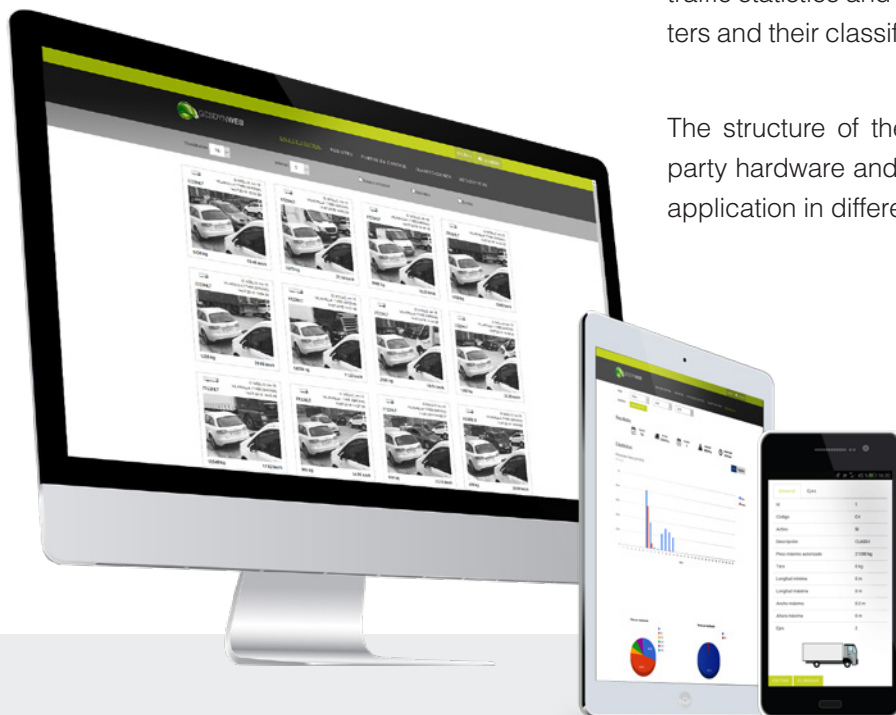


GESDYN
ONE | PRO

System for the detection and penalties in traffic **SOFTWARE**

The GesDyn software includes a previous selection of vehicles, traffic statistics and data management. According to the parameters and their classification, the vehicles will be sanctioned or not.

The structure of the software allows its compatibility with third party hardware and software devices. Allows adjustment of your application in different situations.



WatchDesk control room

The main module of the web-based application is the Control Room or WatchDesk.

The WatchDesk is a view or iView where the registered vehicles are viewed including an image and, when a traffic rule violation is committed, the fine or the infringement done.

WatchDesk allows displaying the information associated with the vehicle registration, number of axles, classification of the vehicle, etc.

DATA MANAGEMENT

Records: display of all vehicles registered in the system. It allows a later statistical consultation and extraction of reports through search parameters.

Vehicle classification: list of all existing vehicle classifications.

Control points: management of road sections with the integrated GesDyn system. Allows total control of a station weighing, either with a control point (ONE) or with multiple checkpoints (PRO).

Sanctions: Weight result per vehicle and classification. Also penalty option for axle tandem.

CONFIGURATION

Weight limit: definition of weight limits, both generic and based on vehicle classification.

Wight regulation: definition of thresholds weight, either generic or based on the classification of the vehicles.

Compatible devices for **GESDYNPRO**

IP CAMERAS

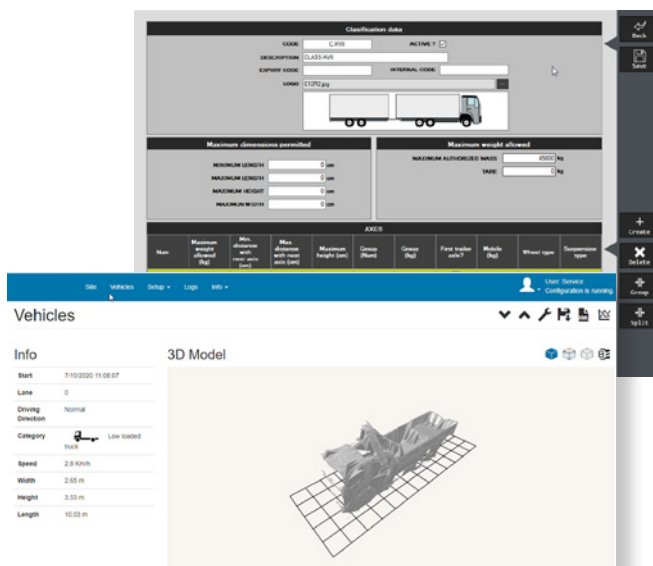
The cameras CCTV allow the monitoring of the control point, both during the day and at night, in real time, achieving both colour images and videos.

AUTOMATIC NUMBER PLATE RECOGNITION

GesDyn Web can be integrated with the automatic number plate recognition systems (ANPR/LPR).

VOLUM DATA COLLECTION

The Gesdyn Software is prepared for the reading and analysis of data sent from systems or devices for capturing vehicle dimensions (height, width, length and speed). Using this data to differentiate the vehicles within the classifications of the program sanctioning according to these.



VARIABLE MESSAGE PANELS (VMS)

The VMS panels are used to communicate with the vehicles with infringement evidences. The offender is informed of the obligation to leave the road and indicate the weight and number plate of the vehicle to the traffic authority.



GESDYN WEB features an intuitive, simple surface which concentrates all the information generated by the different girwim systems and devices.

GesDyn Web is the web-based solution for monitoring, data analysis, statistics, management and configurations of the GIRWIM systems.

The information is assessed on-line and immediately viewed through devices with internet access (such as mobiles, tablets, etc.).

The Web environment is consultant-oriented, traffic managers or police force.



*Installation on client server or CLOUD version



#PORTABLE SOLUTION control station

GIROPES)
#weighingsolutions

