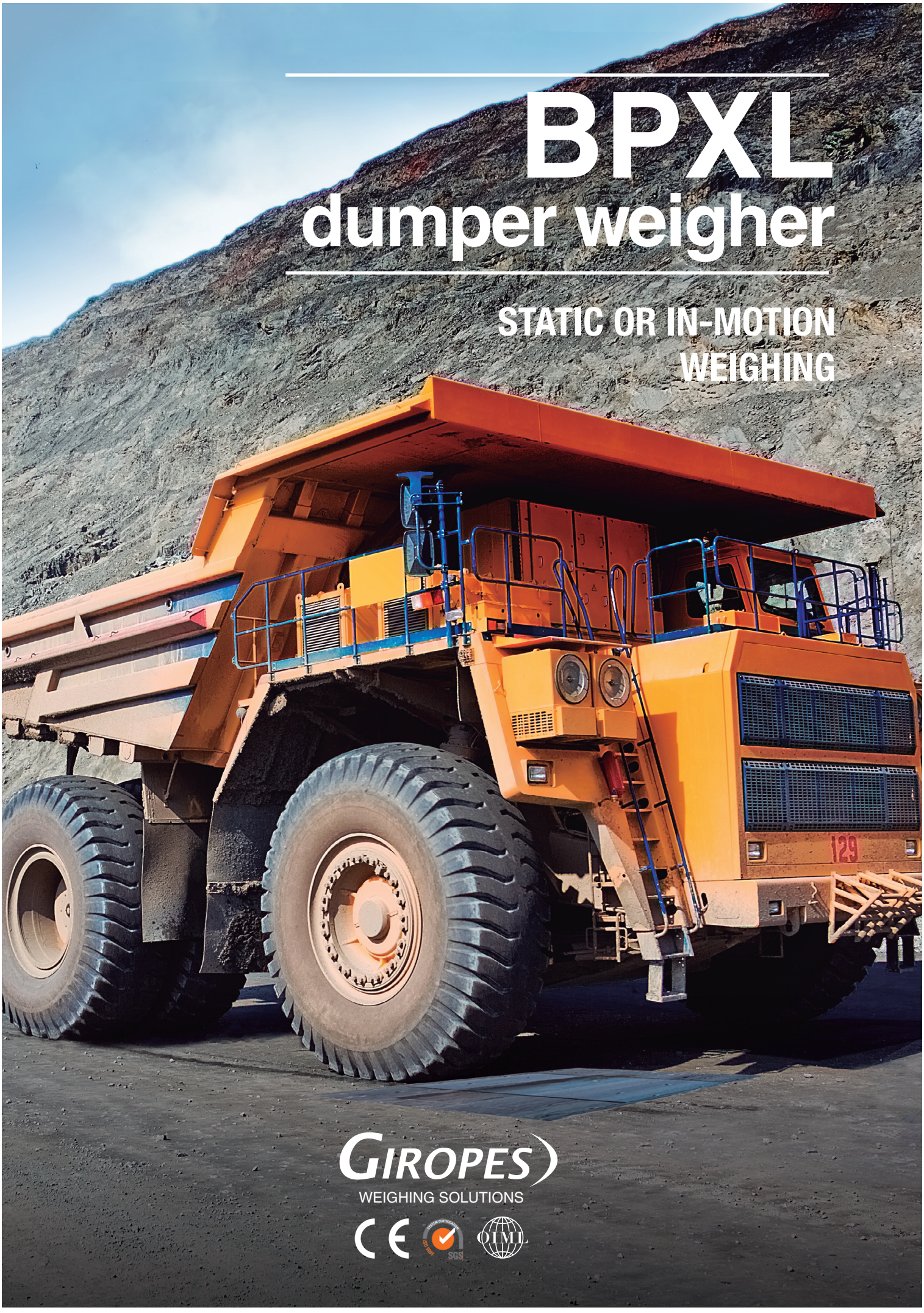

BPXL
dumper weigher
STATIC OR IN-MOTION
WEIGHING
129
GIROPES
WEIGHING SOLUTIONS
CE
SGS
OIML

GIROPES

BPXL

BPXL dumper weigher

The BPXL series are weighing platforms for static or dynamic shaft-to-shaft weighing.

They are manufactured to achieve capacities from 100t to 600t with platform dimensions from 1.5x2m to 3x2m.

MODULAR DESIGN

PAINTED SURFACE

EASY ASSEMBLY

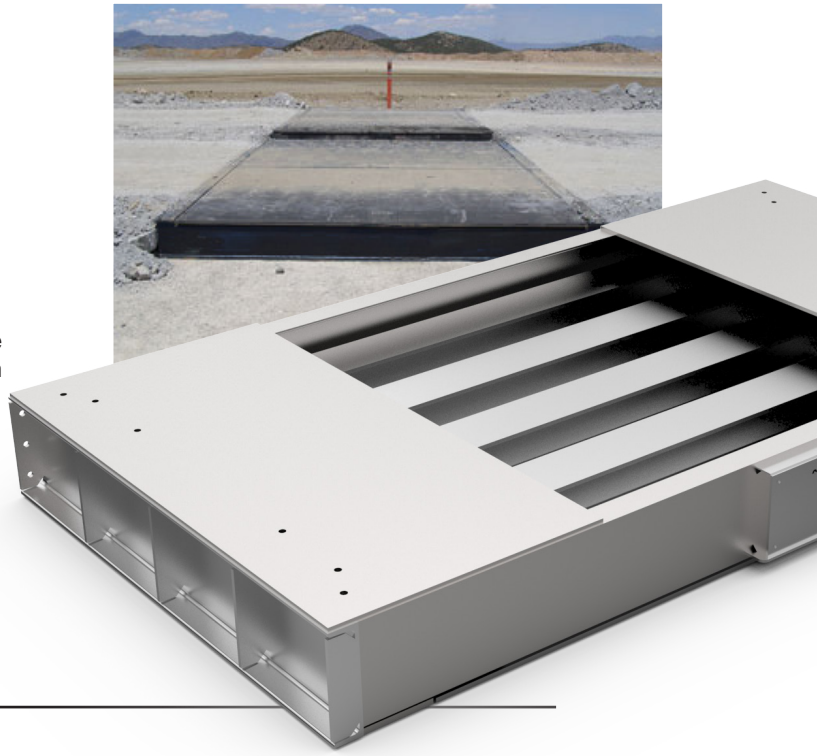
Mining industry

The mining industry demands a weighing solution that provides robustness in large tonnages to be weighed, but ease of moving the equipment if necessary. Likewise, the entry and exit, as well as the internal movement of material requires maximum efficiency in the movement and traffic of vehicles.

Cost control and cost-effective optimization requires high accuracy in the weighing of vehicles with materials and the storage and processing of this data as quickly and comprehensively as possible.

Being able to integrate different automation and control elements makes our solution an answer to needs that today are no longer an option but a requirement for the mining sector.

Portable for reliable weighing in a high tonnage work environment.



ROBUST STRUCTURE

It is designed to be robust and durable with a bridge formed with HEB profiles and a perimeter frame with UPN profiles.
BPXL is composed of a combination of individual platforms that weigh the shaft load (see following pages).

MODULAR DESIGN

The BPXL modular design allows weighing of any brand or model of rigid or articulated dumpers for construction, mining and agricultural applications in static or dynamic (low speed) mode.

QUICK AND EASY INSTALLATION

The scale is shipped fully assembled inside the frame. This allows an easy and fast installation in civil works. The scale is held attached to the frame during transport and installation by a locking mechanism.

ACCESS TO CELLS

Access to the cells and buffers is through slots in the tread surface made of HEB and the junction box on one side of the scale.

STANDARD SPECIFICATIONS

finish	The scales are delivered painted with 2-component polyurethane paint in RAL 5004 blue. Optional: Galvanized finish. Optional: Class C4M-C5M paint finish.
structure	Bridge made of HEB profiles and a perimeter frame with UPN profiles
height	315 mm (50 t) / 395 mm (100 t) / 415 mm (150 t) versions with cubicles
cells	**Analogs G8R 20t or 40t model** 4000d OIML R60 class C. IP69K protection
junction box	**GBOX8**hermetic of 8 Cells.

OPTIONALS

optional cells	**Digitals G8RD 20t or 40t model** 4000d OIML R60 class C. IP69K protection
junction box	**WBOX** in ABS, IP68 hermetic of 4 Cells. **GBOX8D** hermetic 8-cell box.
optional	Calibrator press unit for adjusting the scale on site.
optional ramps	Metal ramps of 1000 mm or 1500 mm in width
grounding	Not included in the scope of delivery of the scale
optional verification	CE factory.

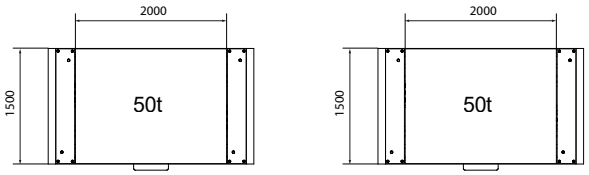
PAD COMBINATIONS

With the PAD combinations of the BPXL 50t, 100t and 150t models, we obtain solutions with high tonnage capacities.

Each platform is calibrated at the factory prior to shipment. We also offer an optional field portable calibration test press unit, which can be used on site by local service personnel.

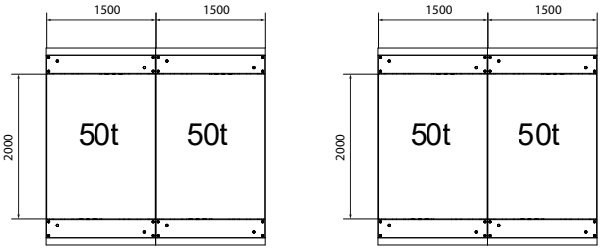
100t

pad units for shaft	2
pad model	BPXL 50t
pad dimensions	1500 x 2000
pad units for wheel	1



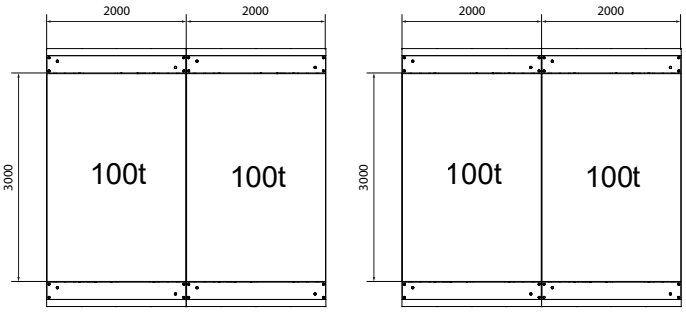
200t

pad units for shaft	4
pad model	BPXL 50t
pad set dimensions	2000 x 3000
pad units for wheel	2



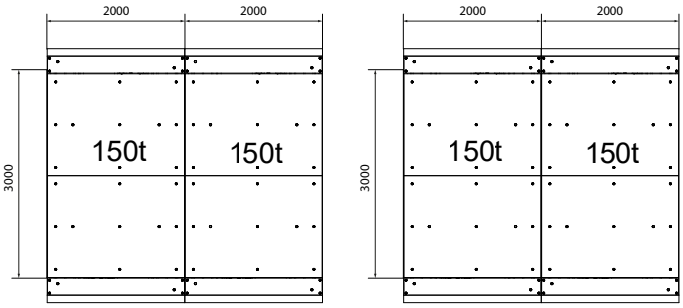
400t

pad units for shaft	4
pad model	BPXL 100t
pad set dimensions	3000 x 4000
pad units for wheel	2



600t

pad units for shaft	4
pad model	BPXL 150t
pad set dimensions	3000 x 4000
pad units for wheel	2



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

Dimensions in mm

Different models according to the Dumper model.

The BPXL series allows the combination of different models to obtain solutions from 100t to 600t capacities.

PAD Characteristics

Pad model	***BPXL 50t***	***BPXL 100t***	***BPXL150t***
Code	*#150977*	*#150978*	*#150979*
padDIMENSIONS (mm) (length x width x height)	2000 x 15000 x 315	3000 x 2000 x 395 mm	3000 x 2000 x 415 mm
weight(kg)	1724	3780	4217
type of load cell	G8R 20t	G8R 40t	G8R 40t
number of cells for platforms	G8R. Stainless steel, IP68, 4000d OIML R60		
standard load cells	4	4	6
tread plate	12	15	15
load cell interconnection box	IP68		
length of the output cable	15 m		
CE factory verification	Optional		
main profiles	HEB/UPN		
steel type	SRJ275		
bolts	8.8 Quality galvanizing (except small M14 bolts)		
paint	Polyurethane paint blue RAL5004		

GIROPES

TRAFFIC AND VISUAL CONTROL ELEMENTS
TRAFFIC LIGHTS, CAMERAS

TERMINALS
AUTONOMOUS

SOFTWARE
STATIC/DYNAMIC

IDENTIFICATION ELEMENTS
AUTONOMOUS

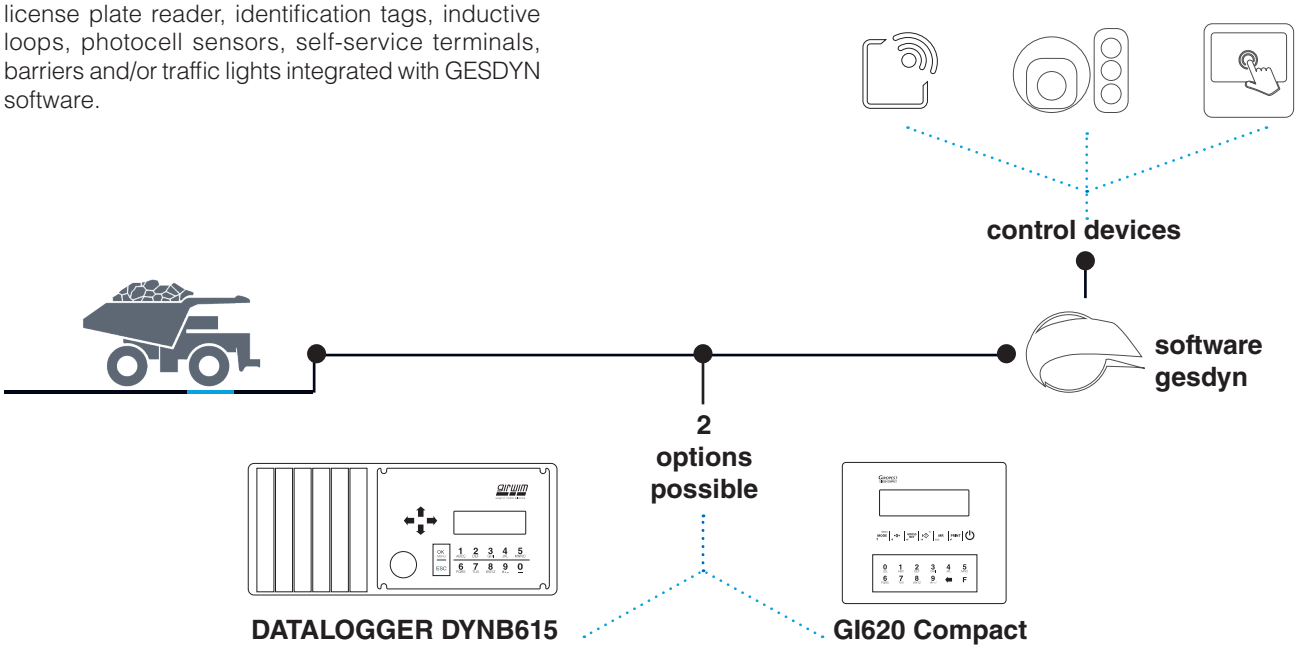
different solutions Automation

BPXL
GI620 COMPACT INDICATOR
DATALOGGER DYNB615

Reach the safest and fastest production with static or dynamic weighing solutions.

The solution is ideal for all types of large tonnage plants that want to have total control of vehicles inside the plants, controlling the quantity of products unloaded due to the weight control performed by the weighing system installed.
It can be equipped with CCTV/ANPR cameras with license plate reader, identification tags, inductive loops, photocell sensors, self-service terminals, barriers and/or traffic lights integrated with GESDYN software.

STATIONS WEIGHING
static
dynamic



AUTONOMOUS WEIGHING
Plant productivity with autonomous weighing technology ensures that the machine transports the right load within safety limits and records all loads for easy production management and control. The terminals manage autonomously or semi-autonomously the weighing stations without the need of an operator.

IN-MOTION WEIGHING
The electronics of the indicator is responsible for measuring the weight of each axle automatically and providing the total, notifying the system operator that the weighing has ended and that he can obtain a ticket with all the measured data or that the data have already been recorded at that time.

This method optimizes the process, by reducing the weighing time to a minimum.

*For APPROVED USE IN MOTION consult beforehand.

VISUAL CONTROL & TRAFFIC
CCTV and ANPR cameras for visual control through the control panel and license plate reading for the management of entrances and exits managed directly through the weighing terminals.

SMART WEIGHING
Acquire integral weighing solutions with GESDYN software, intelligent systems that optimize efficiency and reduce operating costs.

B615
DATA LOGGER

WEIGHING IN MOTION SYSTEMA WITH INDICATOR AND/OR SOFTWARE
UP TO 20 KM/H
Optional installation of the Fixed Weighing System for the Vehicles without a direct current system.

CONTROL TRAFFIC
on your scale in real time

DYNA B615 is the newest device designed with the conception of developing multiple and different data control applications in traffic.

Collect, store and share traffic data.
Multiple related devices to collect data such as weight, speed, volume, etc. to manage for any application.

GI620
COMPACT

STATIC OR DYNAMIC WEIGHING SYSTEM
WITH INDICATOR AND/OR SOFTWARE
· UP TO 10 KM/H

INDICATOR WITH AXLE WEIGHING FIRMWARE
static or in-motion weighing

Wheel and shaft weighing indicator with a compact, light and efficient design.

The GI620 Compact indicator is the ideal solution to complete semi-portable or fixed installations with different models of shaft weighing platforms.

It has 4 channels for connection to platforms together with 2 available firmwares: axle weighers and wheel weighers for other applications.

GIROPES
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