



GIROPES



BPPCE EVO

**METAL
MODULAR**

TO INSTALL

**unidirectional
ON-GROUND and
omnidirectional
PIT ASSEMBLY**

WIDTH

3

CAPACITIES (t)

100

**SOLUTIONS
FOR INDUSTRIAL WEIGHING
DESIGN**

QUALITY AND MAXIMUM RELIABILITY

www.giropes.com | giropes@giropes.com | [Linkedin:giropes-sl](https://www.linkedin.com/company/giropes-sl)
Pol. Empordà Internacional, C/Molló 15-16 | 17469 VILAMALLA- (Girona) SPAIN
T(34) 972 527 212 · F(34)972 527 211



BPPCE EVO

The scales of the series BPPCE EVO are metal scales with a modular building, to be used in the weighing of vehicles allowed to circulate on road.



MODULES

- Modules with IPE-270, IPE-240 IPE-220 and IPE-200 profiles.
- Headboards with handrails of 20 mm thick.
- Diamond sheet 8/10 mm in module and flat of 10 mm in records.

FINISHED

The scales are delivered with polyurethane paint in blue colour RAL 5004. The screwing is galvanized and its quality is 8.8 except in those auxiliary screws lower to M14.

TRANSPORT

The modular structure facilitates an easy transport and assembly. The modules and head-boards design make possible the inclusion of any of the scales of the series BPPCE EVO in a container OPEN TOP of 20 feet.

To best adapt to the needs of use at the customer, The rolling surface is completely flat and it's possible to install on-ground or pit.

**UNIDIRECTIONAL
on-ground
OMNIDIRECTINAL
pit assembly**

BEAMS AND HEADERS UNION

The scale is made of cross headboards which contain the load cells (2 cells each headboard) and modules of 1500 mm in width which are inserted in pairs between the headboards. The length of the modules varies according to the dimensions of the scale.

ACCESS TO THE LOAD CELLS AND WEIGHT CAPTURE

Access to the load cells and to the limits is done from the area of the scale, through the sheets screwed to the headboards.

The limits are situated in the 4 corners of the scale.

The collecting of the weight is done through the cells of analogue compression, although it can also be adapted to other type of load cells for special requests.

The display of the weight and the different operations available will depend on indicator, according customer requirements.

JUNCTION BOX

The junction box and the cables

**BPPCE EVO weighbridges
that have been factory-tested
are always delivered with
factory installed load cells. Two
possible configurations: either
on single cubicle or standard
cubicle.**



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BPPCE EVO

STRUCTURE

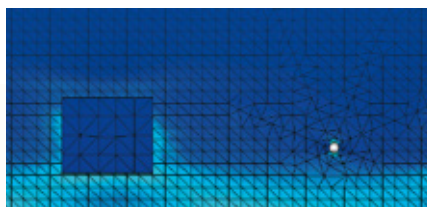
In order to adapt to customer's needs, BPPCE EVO is a modular metal weighbridge with a resistant structure. Its new design reduces flexion in an optimal way.

It has been designed and developed by Giropès as a result of a process of continuous improvements.

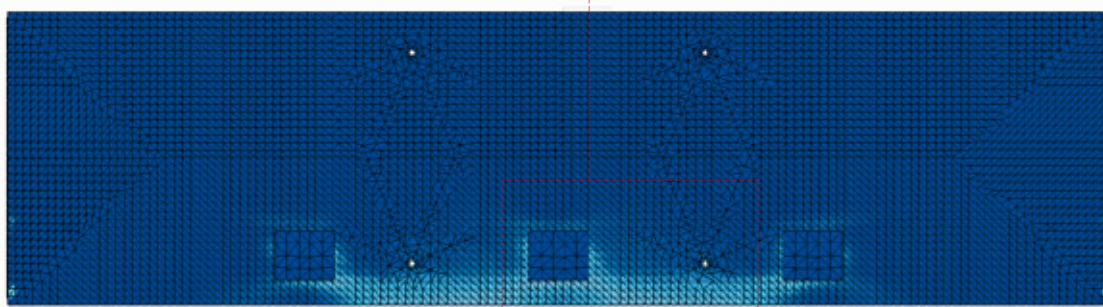
Distribution of stresses under a triaxial load with the maximum load allowed on the road.



Nodes: 224609
Elements: 121887
Measurement units: MPa



Detail of the BPPCE EVO module in the most critical area with a point load of a 4000kg.





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The BPPCE EVO series allows the customization of its components in order to configure the product according to the needs of the client.

FINISHED SPECIAL PAINTING

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

GALVANISED

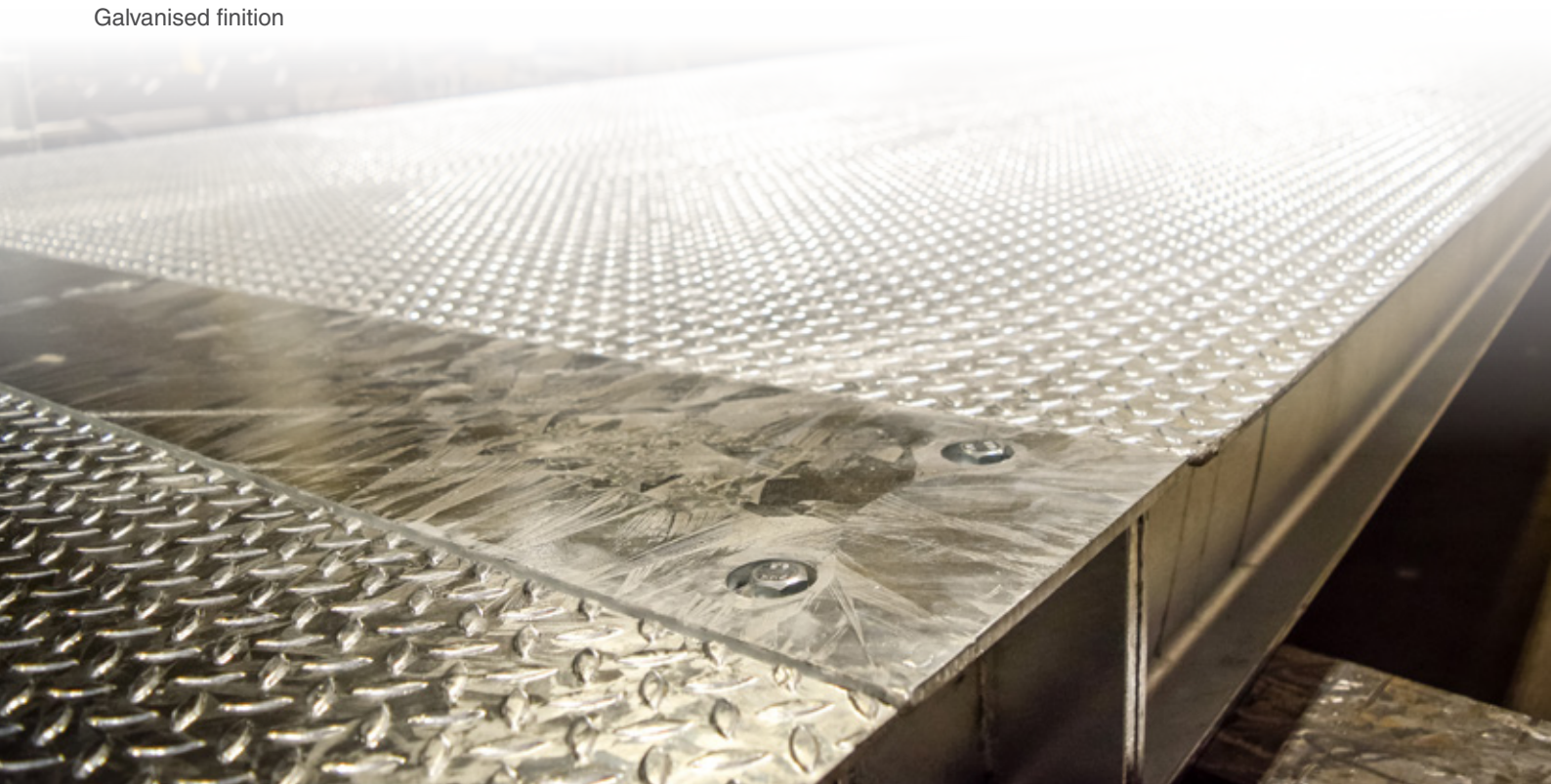
The galvanised finition resists corrosion, ensuring maintenance and longevity.

accessories

Description	# Code	
Fraction, additional meter of cable.	240085	SUPL. GALVANISED
Anchor plate 650 x 300 x 15 (units)	160207	# Code
Metal ramps of 1500 mm (4 modules of 3000 x 1500 mm) for scales of 100 t	160088	160329
Metal ramps of 1000 mm (4 modules of 3000 x 1000 mm) for scales of 100 t	160086	160328
Simple cubicle		Consult
Simple cubicle with cells assembled in the factory.		
Large cubicle		
Large cubicle with cells assembled in the factory.		

* Consult for other accessories

Galvanised finition



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BPPCE EVO

3 m

SUPL. GALVANISED

Reference	Capacity (t)	Dimensions (m)	Cells	Height (mm)	# Code	# Code
BPPCE EVO-14	100	14 x 3	8	350	150457	160376
BPPCE EVO-16	100	16 x 3	8	350	150458	160377
BPPCE EVO-18	100	18 x 3	8	350	150459	160378
BPPCE EVO-20	100	20 x 3	8	350	150460	160379
BPPCE EVO-21	100	21 x 3	10	350	150461	160380
BPPCE EVO-22	100	22 x 3	10	350	150462	160381
BPPCE EVO-24	100	24 x 3	10	350	150463	160382
BPPCE EVO-26	100	26 x 3	12	350	150464	160383

COMPLETE SOLUTIONS COMPLETE WEIGHING SYSTEM FOR WEIGHBRIDGES

CONTROL AND IDENTIFICATION ELEMENTS



Wide range of elements to access and exit control: Barriers, traffic lights, unattended terminal, camera control, license plate recognition, etc.

SELF-SERVICE TERMINALS



Self-service weighing terminals allow the truck driver to weigh without the presence of an operator.

WEIGHING MANAGEMENT SOFTWARE



Giropes Solutions designs the software to provide solutions for business management. High control for workflow obtaining an optimization and performance of production process.

SERIE

INDICATORS & REPEATERS

TARE WEIGHT INDICATORS and MULTIPLE FUNCTIONS



INDICATORS GI430,
WITH TRUCK WEIGHING SOFTWARE



REPEATERS R45



GI410 LCD



GI410 LED

