



**GIROPES**



# BPPCE EVO

**METAL  
MODULAR**

TO INSTALL

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

**WIDTH**

**3 / 3,3 / 3,5**

**CAPACITIES (T)**

**60**

**80**

**SOLUTIONS  
FOR INDUSTRIAL WEIGHING  
DESIGN**

QUALITY AND MAXIMUM RELIABILITY

[www.giropes.com](http://www.giropes.com) | [giropes@giropes.com](mailto: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-240 IPE-200 and IPE- 180 profiles.
- Headboards with handrails of 15 mm thick.
- Tear sheet surface of 6/8 mm in module and flate of 8mm in registers.

## 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.**



**GIROPES**



# BPPCE EVO

## STRUCTURE

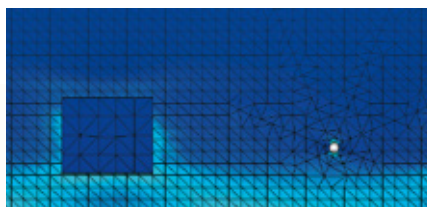
In order to adapt to customer's needs, BPPCE EVO is a modular metal weighbridge with a resistant structure. Its new design reduces flexion in an optimal way.

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

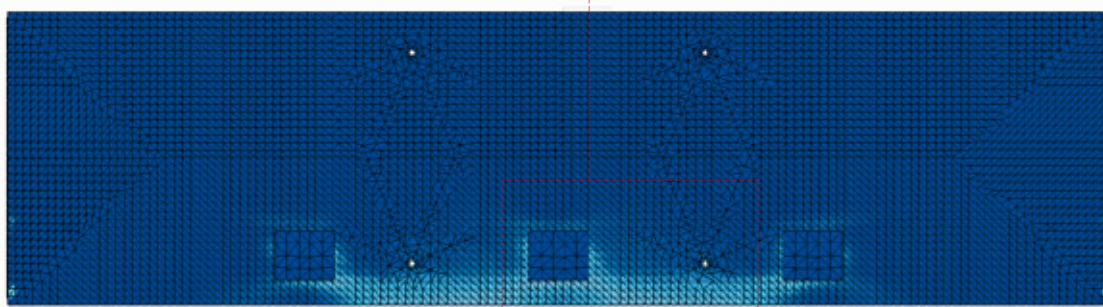
Distribution of stresses under a triaxial load with the maximum load allowed on the road.



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.





# GIROPES



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 1750 mm (4 modules of 3000 x 1750 mm)	160162	160263
Metal ramps of 1650 mm (4 modules of 3000 x 1650 mm)	160161	160262
Metal ramps of 1500 mm (4 modules of 3000 x 1500 mm)	160085	160061
Metal ramps of 1000 mm (4 modules of 3000 x 1000 mm)	160084	160062
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

3 m

SUPL.  
GALVANISED

Reference	Capacity	Dimensions	N. of cells	Height mm	# Code	# Code
BP.PCE EVO-6-3	60	6 x 3 m	4	300	150436	160364
BP.PCE EVO-8-3	60	8 x 3 m	6	300	150437	160365
BP.PCE EVO-10-3	60	10 x 3 m	6	300	150438	160366
BP.PCE EVO-12-3	80	12 x 3 m	6	300	150439	160367
BP.PCE EVO-14-3	80	14 x 3 m	8	300	150412	160368
BP.PCE EVO-16-3	80	16 x 3 m	8	300	150394	160369
BP.PCE EVO-18-3	80	18 x 3 m	8	300	150413	160370
BP.PCE EVO-20-3	80	20 x 3 m	10	300	150447	160371
BP.PCE EVO-21-3	80	21 x 3 m	10	300	150440	160372
BP.PCE EVO-22-3	80	22 x 3 m	10	300	150441	160373
BP.PCE EVO-24-3	80	24 x 3 m	10	300	150442	160374
BP.PCE EVO-26-3	80	26 x 3 m	12	300	150443	160375

3,3 m

SUPL.  
GALVANISED

Reference	Capacity	Dimensions	N. of cells	Height mm	# Code	# Code
BP.PCE EVO-6-3.3	60	6 x 3,3 m	4	300	150486	160505
BP.PCE EVO-8-3.3	60	8 x 3,3 m	6	300	150487	160506
BP.PCE EVO-10-3.3	60	10 x 3,3 m	6	300	150488	160507
BP.PCE EVO-12-3.3	80	12 x 3,3 m	6	300	150489	160508
BP.PCE EVO-14-3.3	80	14 x 3,3 m	8	300	150490	160509
BP.PCE EVO-16-3.3	80	16 x 3,3 m	8	300	150391	160510
BP.PCE EVO-18-3.3	80	18 x 3,3 m	8	300	150492	160511
BP.PCE EVO-20-3.3	80	20 x 3,3 m	10	300	150493	160512
BP.PCE EVO-21-3.3	80	21 x 3,3 m	10	300	150494	160513
BP.PCE EVO-22-3.3	80	22 x 3,3 m	10	300	150495	160514
BP.PCE EVO-24-3.3	80	24 x 3,3 m	10	300	150496	160515
BP.PCE EVO-26-3.3	80	26 x 3,3 m	12	300	150497	160516

3,5 m

SUPL.  
GALVANISED

Reference	Capacity	Dimensions	N. of cells	Height mm	# Code	# Code
BP.PCE EVO-6-3.5	60	6 x 3,5 m	4	300	150510	160517
BP.PCE EVO-8-3.5	60	8 x 3,5 m	6	300	150511	160518
BP.PCE EVO-10-3.5	60	10 x 3,5 m	6	300	150512	160519
BP.PCE EVO-12-3.5	80	12 x 3,5 m	6	300	150513	160520
BP.PCE EVO-14-3.5	80	14 x 3,5 m	8	300	150514	160521
BP.PCE EVO-16-3.5	80	16 x 3,5 m	8	300	150515	160522
BP.PCE EVO-18-3.5	80	18 x 3,5 m	8	300	150516	160523
BP.PCE EVO-20-3.5	80	20 x 3,5 m	10	300	150517	160524
BP.PCE EVO-21-3.5	80	21 x 3,5 m	10	300	150518	160525
BP.PCE EVO-22-3.5	80	22 x 3,5 m	10	300	150519	160526
BP.PCE EVO-24-3.5	80	24 x 3,5 m	10	300	150520	160527
BP.PCE EVO-26-3.5	80	26 x 3,5 m	12	300	150521	160528

## 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

