

# LOAD CELLS WEIGHING SCALE

Industrial load cells weighing platforms



## LPS LPS-HR



The **LPS** and **LPS-HR** are strain gauge load cells platforms scales. They are made of rigid steel structure, with use of four stainless load cells.

The six-millimeter loading platform allows the use with very high concentrated loads. Easy installation and immediate use make these products suitable to specific requirements of industrial plants.

These scales are suitable for use inside hazardous area (ATEX).

**LPS-HR** models employ high precision shear load cells, selected for application with high resolutions.

### LPS SERIES GENERAL CHARACTERISTICS

---

- Provided with four stainless steel shear type load cells
- Load cells made according to OML R60 with IP67 protection degree
- Steel supporting structure with innovative design for better stiffness
- Loading platform with 6 mm steel sheet for high concentrated loads
- Structure painted with black epoxy paint
- Loading platform covered with stainless steel AISI304
- 53 mm load plate allows surface mounting without a pit
- Height adjustment feet (+/-10 mm) in stainless steel and antacid rubber
- Junction box for six-wire extension cable connection. Protection degree IP65
- Shielded output cable for electronic conditioner connection L=10m
- Load cell supply 15 V max.
- Bridge resistance 85 Ohm
- 

### LPS-HR SERIES GENERAL CHARACTERISTICS

---

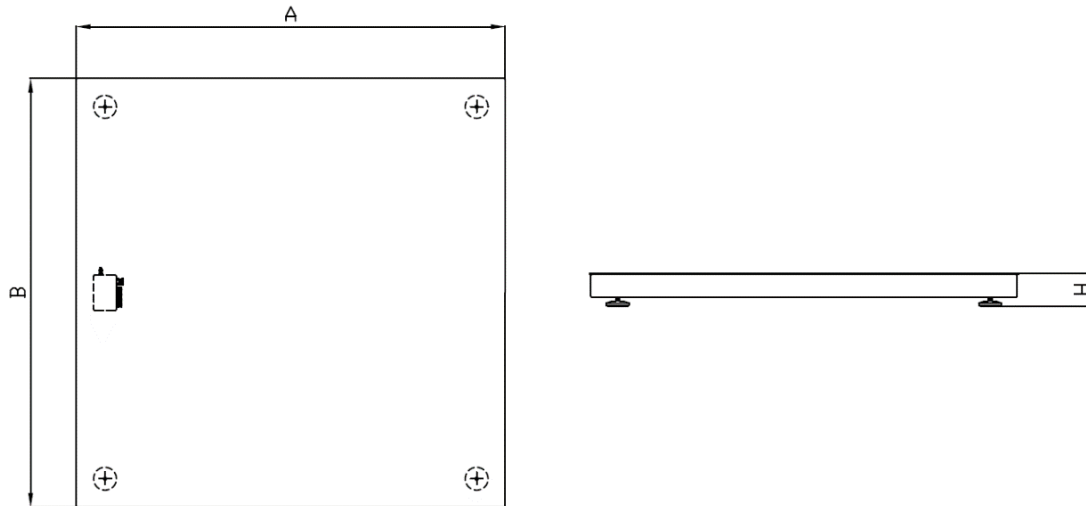
- Same general characteristics of LPS series
- High accuracy selected load cells
- High accuracy corner calibration
- High accuracy for high resolution applications

# LOAD CELLS WEIGHING SCALE

Industrial load cells weighing platforms



## DIMENSIONS



### SERIE LPS:

ORDER CODE	DIMENSIONS AxB [mm]	HEIGHT H [mm]	LOAD [Kg]	STANDARD RESOLUTION [g]
LPS-100100-1000	1000x1000	130	1.000	100
LPS-100100-1500	1000x1000	130	1.500	200
LPS-100100-3000	1000x1000	130	3.000	500
LPS-120120-1000	1200x1200	130	1.000	100
LPS-120120-1500	1200x1200	130	1.500	200
LPS-120120-3000	1200x1200	130	3.000	500
LPS-150150-1000	1500x1500	130	1.000	100
LPS-150150-1500	1500x1500	130	1.500	200
LPS-150150-3000	1500x1500	130	3.000	500
LPS-200150-2000	2000x1500	130	2.000	200

### SERIE LPS-HR:

ORDER CODE	DIMENSIONS AxB [mm]	HEIGHT H [mm]	LOAD [Kg]	STANDARD RESOLUTION [g]
LPS-HR-100100-1000	1000x1000	130	1.000	50
LPS-HR-100100-1500	1000x1000	130	1.500	100
LPS-HR-100100-3000	1000x1000	130	3.000	200
LPS-HR-120120-1000	1200x1200	130	1.000	50
LPS-HR-120120-1500	1200x1200	130	1.500	100
LPS-HR-120120-3000	1200x1200	130	3.000	200
LPS-HR-150150-1000	1500x1500	130	1.000	50
LPS-HR-150150-1500	1500x1500	130	1.500	100
LPS-HR-150150-3000	1500x1500	130	3.000	200