

# WEIGHING PLATFORM

Industrial load cells weighing platform



## LPS LPS-HR



The **LPS** and **LPS-HR** are strain gauge load cells weighing platforms. They are made of rigid steel structure, with use of four stainless steel 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-type load cells, selected for applications where high resolutions are necessary.

### LPS SERIES GENERAL CHARACTERISTICS

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- 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
- Height adjustment feet ( $\pm 10$  mm) in stainless steel and antacid rubber
- Junction box with 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

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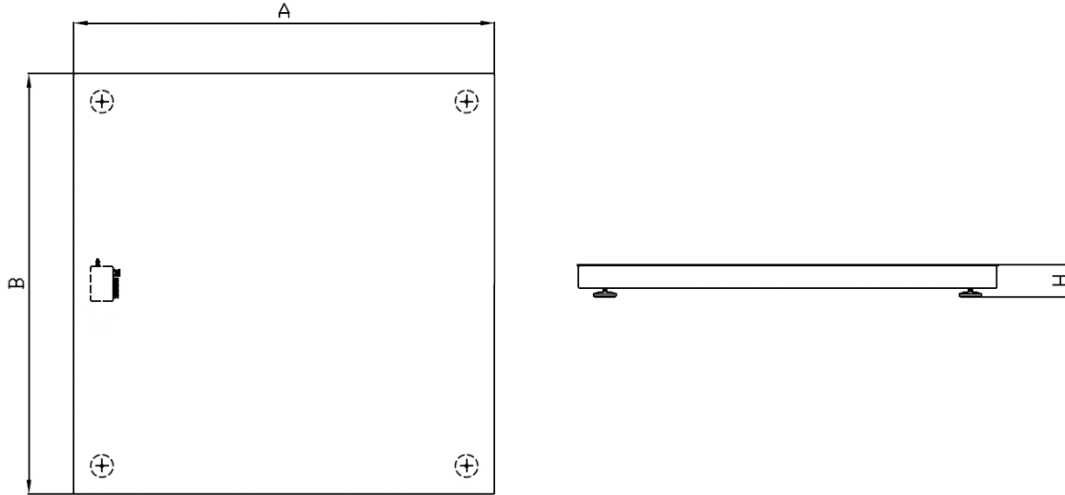
- Same general characteristics of LPS series
- High accuracy selected load cells
- High accuracy corner calibration
- High accuracy for high resolution applications

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## DIMENSIONS



### LPS SERIES:

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

### LPS-HR SERIES:

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