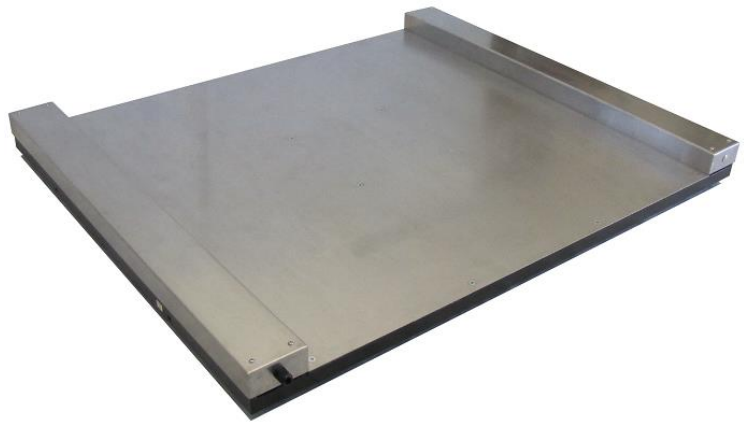


LOW-PROFILE FLOOR SCALE

Load cells low-profile floor scale platform



LPS-LP LPS-LP-HR



The **LPS-LP** and **LPS-LP-HR** are strain gauge load cells low-profile scale 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.

The low-profile configuration allows the on-floor installation without the need of a frame for flush floor installation. Easy installation and immediate use make these products suitable to specific requirements of industrial plants.

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

LPS-LP-HR models use high precision shear-type load cells, selected for applications where high resolutions are necessary.

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
- Loading platform eight: 53 mm, for on-floor installation
- Structure painted with black epoxy paint
- Loading platform covered with stainless steel AISI304
- Height adjustment feet (± 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 Ω

LPS-HR SERIES GENERAL CHARACTERISTICS

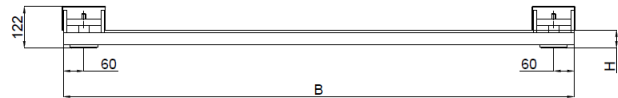
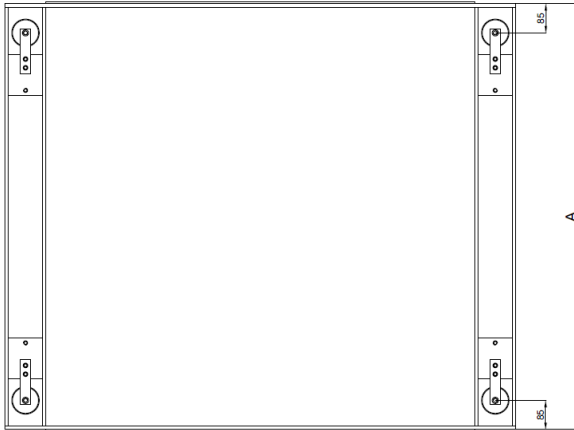
- Same general characteristics of LPS series
- High accuracy selected load cells
- High accuracy corner calibration
- High accuracy for high resolution applications

LOW-PROFILE FLOOR SCALE

Load cells low-profile floor scale platform



DIMENSIONS



LPS-LP SERIES:

ORDER CODE	DIMENSIONS AxB [mm]	HEIGHT H [mm]	RATED LOAD [Kg]	STANDARD RESOLUTION [g]
LPS-LP 100100 - 1000	1000x1000	53	1.000	100
LPS-LP 100100 - 1500	1000x1000	53	1.500	200
LPS-LP 100100 - 3000	1000x1000	53	3.000	500
LPS-LP 120120 - 1000	1200x1200	53	1.000	100
LPS-LP 120120 - 1500	1200x1200	53	1.500	200
LPS-LP 120120 - 3000	1200x1200	53	3.000	500
LPS-LP 150150 - 1000	1500x1500	53	1.000	100
LPS-LP 150150 - 1500	1500x1500	53	1.500	200
LPS-LP 150150 - 3000	1500x1500	53	3.000	500

LPS-HR SERIES:

ORDER CODE	DIMENSIONS AxB [mm]	HEIGHT H [mm]	RATED LOAD [Kg]	STANDARD RESOLUTION [g]
LPS-LP-HR 100100 - 1000	1000x1000	53	1.000	50
LPS-LP-HR 100100 - 1500	1000x1000	53	1.500	100
LPS-LP-HR 100100 - 3000	1000x1000	53	3.000	200
LPS-LP-HR 120120 - 1000	1200x1200	53	1.000	50
LPS-LP-HR 120120 - 1500	1200x1200	53	1.500	100
LPS-LP-HR 120120 - 3000	1200x1200	53	3.000	200
LPS-LP-HR 150150 - 1000	1500x1500	53	1.000	50
LPS-LP-HR 150150 - 1500	1500x1500	53	1.500	100
LPS-LP-HR 150150 - 3000	1500x1500	53	3.000	200

Note that: in addition to the standard version measures reported in the two tables above, special execution are made on request.