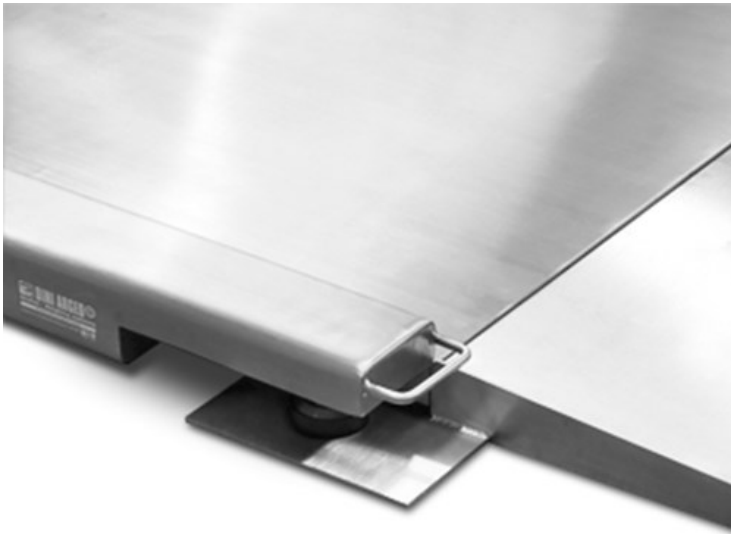


# LPI Series Stainless Steel Low Profile Platforms



## Standard Features

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- Fitted with 4 IP68 stainless steel shear-beam OIML R60 approved load cells each with 350 Ohm input resistance
- Structure and mechanics in AISI304 stainless steel
- Adjustable, shock-proof jointed feet and level
- 5/15 VDC power supply
- Hermetic junction box, IP67 wiring with screened 5m long 6-pin cable with connectors for connection to the indicator
- Fitted with one on/off ramp

Low profile platforms suitable for weighing trolleys, pallet trucks, etc.; fitted with sideboards and an on/off ramp. Suitable for creating scales and electronic weighing systems for all types of industrial and commercial applications. Standard version is with approved load cell. Available also in the Ex II 2GD IIC ATEX version in stainless steel.

## Specifications

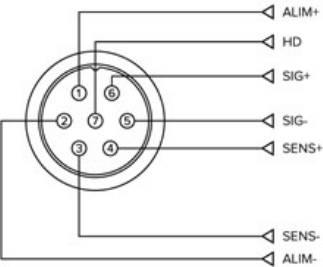
### Options Only Available at Time of Order:

- Connection to the indicator and calibration with CE-M 3000e single range or 3000e + 3000e dual range approval (depending on the indicators used).
- High resolution model for internal factory use.

### Options for ATEX Version:

- CCATEX: ATEX certificate for each load cell
- JB4QA: ATEX certified junction box
- DCATEXMECH: ATEX declaration for the PLATFORM (for the load cells ATEX declaration see CCATEX-1 code). Option to be offered only if the platform is ordered without the indicator, if so, refer to the chosen weight indicator available certifications

## Connector Pinout



| Pin | Signal | Color  |
|-----|--------|--------|
| 1   | EXC+   | Red    |
| 2   | EXC-   | Black  |
| 3   | SENSE- | Blue   |
| 4   | SENSE+ | Yellow |
| 5   | SIG-   | White  |
| 6   | SIG+   | Green  |
| 7   | SHIELD | Yellow |

## Available Versions

| Code            | l x w x h (mm) | Nr. of cells | Max (g) | d (g) | M (g*) | 2R (g)* | d HR (g)* |
|-----------------|----------------|--------------|---------|-------|--------|---------|-----------|
| <b>LPCI3-1</b>  | 800x800x45     | 4x300kg      | 300     | 50    | 100    | --      | 20        |
| <b>LPCI6-1</b>  | 800x800x45     | 4x500kg      | 600     | 100   | 200    | 100-200 | 50        |
| <b>LPEI6-1</b>  | 1250x1000x45   | 4x500kg      | 600     | 100   | 200    | 100-200 | 50        |
| <b>LPEI15-1</b> | 1250x1000x45   | 4x1000kg     | 1500    | 200   | 500    | 200-500 | 100       |
| <b>LPFI6-1</b>  | 1500x1250x45   | 4x500kg      | 600     | 100   | 200    | 100-200 | 50        |
| <b>LPFI15-1</b> | 1500x1250x45   | 4x1000kg     | 1500    | 200   | 500    | 200-500 | 100       |

(\*) Divisions obtainable only with the relative options, in combination with Dini Argeo weight indicator.

# Parts

| Part #                | Description                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| {#Available Versions} |                                                                                                                                                                                                     |
| LPCI3-1               | Stainless steel low profile platform Max=300kg, d=50g, 800x800x45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable.         |
| LPCI6-1               | Stainless steel low profile platform Max=600kg, d=100g, 800x800x45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable.        |
| LPEI6-1               | Stainless steel low profile platform Max=600kg, d=100g, 1000x1250mm h=45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable.  |
| LPEI15-1              | Stainless steel low profile platform Max=1500kg, d=200g, 1000x1250mm h=45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable. |
| LPFI6-1               | Stainless steel low profile platform Max=600kg, d=100g, 1250x1500mm h=45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable.  |
| LPFI15-1              | Stainless steel low profile platform Max=1500kg, d=200g, 1250x1500mm h=45mm, for weighing carts and pallet truck, 1 on/off ramp, stainless steel loading surface and structure. 5 m shielded cable. |

## Options

| Part #                                                                                                          | Description                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>{#Calibration service with weight indicator}</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                           |
| DINICAL                                                                                                         | Connection to a Dini Argeo indicator and calibration. NET PRICE (*).                                                                                                                                                                                                                                                                                                                      |
| DINICAL-DRC                                                                                                     | Direct connection (without connectors) from platform to indicator and calibration service. € NET.NOTE(1): delivered platform not connected: connection of the platform to the weight indicator to be carried out on site by qualified personnel.                                                                                                                                          |
| <b>{#Legal for trade approval, class III or IIIL, with Dini Argeo weight indicator (only at time of order)}</b> |                                                                                                                                                                                                                                                                                                                                                                                           |
| ECEM                                                                                                            | 3000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Check to see if DINICAL is in the product options.                                                                                                                                                                          |
| ECEM2                                                                                                           | Multi-range 3000+3000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Check to see if DINICAL is in the product options.                                                                                                                                                         |
| ECEMDOC                                                                                                         | Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.                                                                                                                                                                                                    |
| <b>{#High resolution (d HR) (only at time of order)}</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                           |
| ETHR                                                                                                            | High resolution model for internal factory use.                                                                                                                                                                                                                                                                                                                                           |
| <b>{#IP68 protection}</b>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                           |
| ETIP68                                                                                                          | IP68 connection fitted with specific cable, fairleads and connectors.                                                                                                                                                                                                                                                                                                                     |
| <b>{#Additional On / Off ramp}</b>                                                                              |                                                                                                                                                                                                                                                                                                                                                                                           |
| LPCRI-1                                                                                                         | Second stainless steel ramp for LPC platforms, 800x800mm.                                                                                                                                                                                                                                                                                                                                 |
| LPERI-1                                                                                                         | Second stainless steel ramp for LPE platforms, 1000x600mm.                                                                                                                                                                                                                                                                                                                                |
| LPFRI-1                                                                                                         | Second stainless steel ramp for LPF platforms, 1250x600mm.                                                                                                                                                                                                                                                                                                                                |
| LPCISTP                                                                                                         | Stainless steel end rails for LPCI platform.                                                                                                                                                                                                                                                                                                                                              |
| <b>{#Floor columns}</b>                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                           |
| CSP38I-1                                                                                                        | AISI 304 stainless steel column 450x450mm, h=917mm, Ø 38mm. For the indicators of the DINI ARGEO and SCALE HOUSE range.                                                                                                                                                                                                                                                                   |
| CSP38                                                                                                           | Stainless steel column 450x450mm, h=917, Ø 38mm. Painted steel base. For the indicators of the DINI ARGEO and SCALE HOUSE range.                                                                                                                                                                                                                                                          |
| CSP38D                                                                                                          | Stainless steel column 350x350mm, h=750mm. Painted steel base. For the indicators of the DINI ARGEO and SCALE HOUSE range.                                                                                                                                                                                                                                                                |
| <b>{#Plates for fixing on the floor}</b>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                           |
| ETPFI-1                                                                                                         | Kit of 4 plates for fixing on the floor, in stainless steel. For platforms ETG, ETH, ETL, ETA, ETM, ETB, ETD, ETE, ETF, LPI and FL series.                                                                                                                                                                                                                                                |
| <b>{#Options for ATEX version}</b>                                                                              |                                                                                                                                                                                                                                                                                                                                                                                           |
| CCATEX-1                                                                                                        | Optional ATEX version for single load cell. Marking: ATEX II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga and ATEX II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) Da IP65. Provided with safety instructions and the ATEX EU declaration of conformity (EN, DE, FR, ES and IT).                                                                                          |
| CCATEX3GD                                                                                                       | ATEX certificate for each load cell. Marking: ATEX II 3G Ex nA IIC T6 Gc for gas and ATEX II 3D Ex tc IIIC T115°C Dc IP65 for dusts. Complete with manual and ATEX CE conformity declaration (available in EN, DE, FR and IT).                                                                                                                                                            |
| JB4QAP                                                                                                          | Equalisation box for stainless steel pallet-weighing scales for hazardous areas. Protection modes: ATEX II 2G Ex ib IIC T6 Gb for gases, ATEX II 2D Ex tb IIIC T115°C Db IP65 for dusts. Complete with manual and ATEX CE CONFORMITY DECLARATIONS (available in EN, DE, FR and IT). (Only suitable with stainless steel version)                                                          |
| DCATEXMECH                                                                                                      | ATEX version for the PLATFORM / LOAD CELL MOUNTING KIT for zone 1/21 (for the load cells ATEX declaration see CCATEX code). Option to be offered only if the platform is ordered without the indicator, otherwise refer to the available certifications for the chosen weight indicator. Provided with safety instructions and ATEX EU declaration of conformity (EN, DE, FR, ES and IT). |
| <b>{#Protection for junction box / electronic circuits}</b>                                                     |                                                                                                                                                                                                                                                                                                                                                                                           |
| GELBOX                                                                                                          | Anti condensation, insulating, and sealing gel. Useful to protect the electronic circuits of the weighing system, even under prolonged immersions conditions. Pack of 300ml.                                                                                                                                                                                                              |
| <b>{#Calibration service with Dini Argeo weight indicator (only at time of order)}</b>                          |                                                                                                                                                                                                                                                                                                                                                                                           |

| Part # | Description                                                                                                                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CT6    | ISO 17025 calibration certificate from 301 to 1500 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail. |

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