LTW Compact Fork Holder Plate with Integrated Weighing System

DINI ARGEO
Scales - Weighing systems

As of: Friday, January 16, 2026



Standard Features

Weighing plate for forklift, with fixing rail DIN15173 - FEM class II, to transform a normal forklift into a mobile scale. Fitted with COMPACT weight indicator in the cabin, versatile and easy to use. Available also in approved version for legal-for-trade use.

WEIGHING FEATURES

- Max. permissible overload: over 300% of the maximum capacity, with overload protection nuts in case of hinge breaking.
- Accuracy:
  - internal use: +/- 0.05% of the capacity
  - approved: according to CE certification (Directive 2014/31/EU)

- Max. horizontal inclination (tilting): +/- 2° with the same precision characteristics

WHY CHOOSE LTW COMPACT DINI ARGEO

- The weighing plate is the most robust solution for weighing and handling loads in the warehouse.
- Strong and sturdy, it is equipped with an integrated protection system against overloads and accidental impacts.
- The standard COMPACT indicator, easy to install in the cabin, is useful to read the weighing data.
- Suitable for standard FEM2A and FEM2B forks.
- Built with 2 Dini Argeo load cells, in stainless steel, with IP68 protection.
- Available in approved version for legal-for-trade use.
- Available in wired or Bluetooth version, completely wireless.

LTW Compact Fork Holder Plate with Integrated Weighing Specifications

TECHNICAL FEATURES

- Plate dimensions 910 x 407 x 110 mm
- Weight 184 kg
- Max. fork length: 1100 mm
- Max. center of gravity displacement: 55 mm
- Plate supporting structure made of thick steel
- Hermetic junction box
- Extensible cable as standard (length 5 m)

COMPACT WEIGHT INDICATOR FEATURES

- Weight indicator in ABS with backlit LCD 25mm display with 6 high contrast digits and icons for showing the active functions.
- Fitted with fixing bracket for mounting in the cabin.
- Functional waterproof keypad with 5 keys.
- Easy to clean ABS IP68 enclosure, resistant to harsh and corrosive environments.
- Visual and audible overload indication.
- Auto-off (energy saving): 5 minutes adjustable or deactivable.
- Power supply directly from the forklift (optional power supply available)
- Optional printer complete with fixing bracket for mounting in the cabin

DISPLAY ON THE WEIGHING PLATE (Bluetooth version)

- Backlit 25mm LCD display with 6 high-contrast digits and icons for indicating active functions.
- ABS IP68 case, easy to clean and resistant in harsh and corrosive environments.
- Communication with the weight indicator in the cabin through Bluetooth.
- Power supply through internal rechargeable battery, with 60h working autonomy and external battery charger provided as standard.

Available Versions

Code	Max (kg)	d (kg)	M (kg*)
LTWC15	600 / 1500	0,2 / 0,5	1 / 2
LTWC25	1500 / 2500	0,5 / 1	2 / 5
LTWC15BTH	600 / 1500	0,2 / 0,5	1 / 2
LTWC25BTH	1500 / 2500	0,5 / 1	2 / 5

Parts

Part # **Description**

Available Versions

LTWC15	Forkholder plate Max=600/1500kg, d=0,2/0,5kg for forklifts, with weight indicator in the cabin and cable connection. Steel structure. FEM II.
LTWC15BTH	Forkholder plate Max=600/1500kg, d=0,2/0,5kg for forklifts, with weight indicator in the cabin and Bluetooth connection. Steel structure. FEM II.
LTWC25	Forkholder plate Max=1500/2500kg, d=0,5/1kg for forklifts, with weight indicator in the cabin and cable connection. Steel structure. FEM II.
LTWC25BTH	Forkholder plate Max=1500/2500kg, d=0,5/1kg for forklift, with weight indicator in the cabin and Bluetooth connection. Steel structure. FEM II.

Options

Part #	Description
Calibration Service (ACCREDIA/DAKKS) Only at Time of Order	
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.
CT7	ISO 17025 calibration certificate from 1501 to 3000 kg for single scale/platform. For precision balances, industrial and crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
Approval for Sale to Third Parties	
ECEMLTW	CE-M approval for LTW plate for lift truck.
ALMEM-1	Alibi memory (fiscal memory, max 120.000 weighs) for approved weight transmission to PC/PLC or data recording on MMC/USB. Built-in real time clock to print the date/time with PCB, screw terminal, plastic box and UL-marked labels. If applicable, it requires FW 05.00.02 or higher. Not compatible with weight repeaters.
Storing Weighments	
SWM	"WeiMonitor" PC program to monitor and record in real time weighs performed on the connected scale (the price is intended for the license to manage one scale).
Communication Interfaces (Wired Version Only)	
OBRF2G4	External 2.4 GHz radio module, cable l=3m. ABS IP65 protecting box, 3 m cable, power supply from weight indicator. Max. distance, in appropriate environmental and installation conditions: 45 m indoors, 140m outdoors. 39 configurable channels.
OBRF2G4-USB	External 2.4 GHz radio frequency module, USB cable l=1m. Power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 45 m indoors, 140 outdoors. 39 configurable channels.
BLTH-3	RS232/Bluetooth Classic 3.0 conversion card complete with AMP cable and integrated antenna.
Optional Fixing Bracket for Indicator	
STFLC	360° rotating joint bracket for fixing the weight indicator in cabin, for LTW Compact, TWIN FORKS Compact, LTP and ELP.
Printers / Labelers	
OBTPRLT-1	Thermal printer powered from the indicator. Thermal paper roll included as standard. Needs 5V ALxxxxV5 power supply.
Expendable Materials	
RPT57C	50 thermal paper rolls 30m long, 57mm wide. 12mm hole. 51mm external diameter.
RPT57AC	50 adhesive thermal paper rolls 15m long, 57mm wide. 18mm hole. 50mm external diameter.

Part #	Description
LNLESS	72 rolls of Linerless thermal sticker paper 20m long, 56,5mm wide. 48,5mm outer diameter. 12mm diameter central hole.

Power Supply

AL40160V5	Power adapter for the indicator and thermal printer in cabin (mounting not included). From 40 to 160 Vdc input (directly from the lift truck), 5Vdc 6A output (max 30W).
AL1872V5	Power adapter for the indicator and thermal printer in cabin (mounting not included). From 18 to 72 Vdc input (directly from the lift truck), 5Vdc 6A output (max 30W).
AL918V5	Power adapter for the indicator and thermal printer in cabin (mounting not included). From 9 to 18 Vdc input (directly from the lift truck), 5 Vdc 6A output (max 30W).

Other Options

TECSUP	Technical assistance by telephone upon request.
TECMAN	Printed technical manual (Free download from the website).
UMAN	Printed user manual (Free download from the website).

Dini Argeo S.r.l. | Via della Fisica, 20 - 41042, Spezzano di Fiorano, Modena (MO), Italy | Tel.: +39 0536 843418

www.diniargeo.com