LTW Touch Screen Fork Holder Plate with Integrated Weighing System

DINI ARGEO
Scales - Weighing systems

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Standard Features

Weighing plate for forklift, with fixing rail DIN15173 - FEM class II, to transform a normal forklift into a mobile scale. Fitted with a touchscreen weight indicator in the cabin for advanced applications. Available also in an 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 accuracy characteristics
- Digital calibration and set-up from keyboard or PC with DINITOOLS

WHY CHOOSE LTW TOUCH SCREEN DINI ARGEO

- The weighing plate is useful to integrate in a permanent way the weighing on the forklift, allowing to use forks of different lengths depending on the load to be handled.
- Strong and sturdy, it is equipped with an integrated protection system against overloads and accidental impacts.
- The standard TOUCH SCREEN indicator allows you to set up fully customizable displays.
- Suitable for standard FEM2A and FEM2B forks.
- Built with 2 STAINLESS STEEL load cells, with IP68 protection.
- Available in approved version for legal-for-trade use.
- Available in wired or Bluetooth version, completely wireless.

LTW Touch Screen Fork Holder Plate with Integrated Weighing System 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
- Bearing structure of the plate made of thick steel
- Stainless steel load cells, sensitivity 2 mV/V, maximum power supply 15 Vdc
- Hermetic junction box
- Standard extensible cable (length 5 m)

TOUCH SCREEN WEIGHT INDICATOR FEATURES

- Backlit touch screen display, complete with fixing bracket for mounting in the cabin. Fully customizable displays.
- Multilanguage software.
- ABS IP65 enclosure, easy to clean and resistant to harsh and corrosive environments.
- Visual and acoustic overload indication.
- 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*)
LTWTS15	600 / 1500	0,2 / 0,5	1 / 2
LTWTS25	1500 / 2500	0,5 / 1	2 / 5
LTWTS15BTH	600 / 1500	0,2 / 0,5	1 / 2
LTWTS25BTH	1500 / 2500	0,5 / 1	2 / 5

NOTE: BLTH-x Bluetooth interface is only for LTWTS15 and LTWTS25, in order to connect the SCBTH reader.

Parts

Part #	Description
Available Versions	
LTWTS15	Forkholder plate Max=600/1500kg, d=0,2/0,5kg for forklifts, with in-cab touch screen weight indicator and cable connection. Steel construction. FEM II.
LTWTS15BTH	Forkholder plate Max=600/1500kg, d=0,2/0,5kg for forklift. with touch screen weight indicator in the cabin and bluetooth connection. Steel structure. FEM II.
LTWTS25	Forkholder plate Max=1500/2500kg, d=0,5/1kg for forklift. with touch screen weight indicator in the cabin and cable connection. Steel construction. FEM II.
LTWTS25BTH	Forkholder plate Max=1500/2500kg, d=0,5/1kg for forklift, with touch screen 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	
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.
USBEGT	Built-in USB port to store data on a USB driver. To be combined with touchscreen weight indicators. It does not occupy serial ports. Fitted with USB key for PC. TAKE NOTE: this interface cannot be ordered separately and is to be combined with a weight indicator as part of the order.
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).
SCBTH	Bluetooth scanner for 1D / 2D barcodes. Includes recharge base. To be combined with 3590 TOUCH SCREEN weight indicator and Bluetooth BLTHxx module.
Thermal Printer and Printer Power Supplies	
OBTPRLT-1	Thermal printer powered from the indicator. Thermal paper roll included as standard. Needs 5V ALxxxxV5 power supply.
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).

Part #	Description
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).
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).

Configuration and customization services

PRNSERV	Custom-made ticket (up to 4 layouts). NET price.

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

Optional Fixing Bracket for Indicator

STFL	Bracket for fixing the weight indicator in cabin.
STFLTS	360° rotating joint bracket for fixing the weight indicator in cabin, for TWIN FORKS Touch Screen and LTW Touch Screen.

Indicator Power Supplies

AL918V12	Power adapter for the indicator in cabin (mounting not included). From 9 to 18 Vdc input (directly from the lift truck), 12 Vdc 2,5A output for the indicator (max 30W).
AL1872V12	Power adapter for the indicator in cabin (mounting not included). From 18 to 72 Vdc input (directly from the lift truck), 12 Vdc 2,5A output for the indicator (max 30W).
AL40160V12	Power adapter for the indicator in cabin (mounting not included). From 40 to 160 Vdc input (directly from the lift truck), 12 Vdc 2,5A output for the indicator (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).