

LTS Double Plate Weighing System for Forklifts



Standard Features

Double plate weighing system for forklifts with DIN15173 - FEM class III standard fixing. The whole is made of two weighing plates and a junction box. Sturdy, handy and simple to install, this system allows to weigh during load and unload operations, while using the forklift. For internal use.

WEIGHING PLATES: MAIN FEATURES

- Weighing plates with extra thick painted steel bearing structure
- Load cells protection against accidental strikes
- Extremely compact system, in order not to reduce the operator's visibility
- S type load cells: sensitivity 2 mV/V, maximum power supply 15 VDC
- Single plate dimensions: 585 x 265 mm, only 152 mm depth

- Total weight of the 2 plates: 100 kg approximately.
- Single plate packaging dimensions: 270 x 280 x 640 mm
- Single plate packaging weight: 10 kg approximately
- Maximum forks length: 1,30 m
- Hermetic junction box
- Standard cable fitted with connectors for rapid linkage
- Maximum opening of the plates: 500mm approximately
- Precision: +/- 0.1% of the capacity
- Maximum horizontal declivity (tilt): +/- 2° with the same precision features
- Maximum overload allowed: 300%
- Integrated protection system against overloads and accidental strikes
- Wide range of connectable indicators and wireless solutions

Available versions

Code	Plate	Max (kg)	d (kg)
LTS40	FEM III	2500/4000	2/5

Parts

Part #	Description
{#Available Versions}	
LTS40	Weighing kit for FEM III fork lift, Max= 2500/4000kg, d= 2/5kg.

Options

Part #	Description
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{#Calibration service with weight indicator}

DINICALLT	Calibration for LTW/LTS scales. NET PRICE. NOTE: available only in combination with connection cable (cod. LTWKAB).
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{#Weight indicator with rechargeable battery}

DFWLB-3	IP68 weight indicator with built-in rechargeable battery. ABS case, 5-key keypad, backlit LCD display.
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DFWPXP	5-key indicator with attached printer and real time clock. ABS case, backlit LCD display.
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DFWKXP	17-key indicator with attached printer and real time clock. ABS case, backlit LCD display.
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{#Advanced weight indicators (require of direct power supply from the cart)}

3590ET	Touch screen indicator with AF01 software. ABS enclosure. Colour Display.
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{#Columns, Supports Brackets, Visors}

STFL	Bracket for fixing the weight indicator in cabin.
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{#Power supply}

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).
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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).
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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).
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{#Connection cables}

LTWKAB	Extendible cable for LTW plate, l=5m.
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{#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.
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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.
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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.
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Part #	Description
DFCLK	Real time clock for printing/displaying of date and time. With UL marked PCB, screw terminal, plastic box and labels (if applicable).
WIFITD-3	Built-in WI-FI interface. For wireless connection (through access point) to the company computer system.
BLTH-4	Internal Bluetooth 3.0 interface, for wireless connections from the scale to tablets, smartphones and laptop PCs. NOTE: This interface is not compatible with BLTH-4 modules and cannot be used for MASTER-SLAVE systems.

{#Storing Weighments}

USBC-1	Built-in USB port kit for data storing on USB key. Fitted with USB key for PC.
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.
USBK	Set of 5 USB keys for recording the weighs.
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).

{#Printers / Labelers}

OBTPRP	Thermal printer for mounting attached to indicator, with IP40 ABS case. Fitted with connection cable. Power supply from weight indicator. Thermal paper roll included as standard.
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{#Weight repeaters}

DGT100R-1	Weight repeater with 100mm LED display. IP68 stainless steel case, 5-key keypad, air valve for regulating the humidity and the pressure.
DGT60R-1	Weight repeater with 60 mm LED display. IP68 stainless steel case, 5-key keypad, air valve for regulating the humidity and the pressure, and configurable protocol.

{#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.

{#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).
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 €.

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