US-iF

Forklift Scale

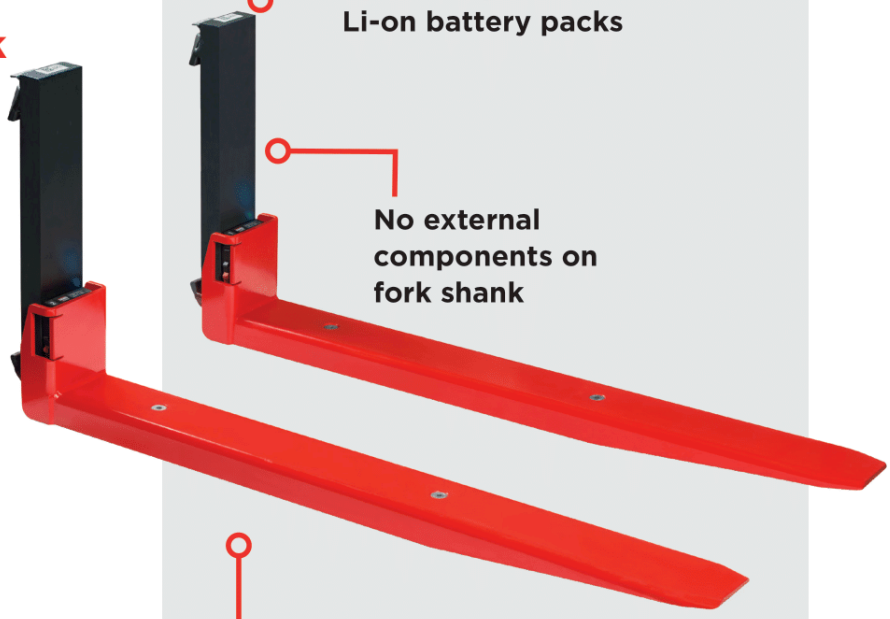
MOBILE WEIGHING SYSTEMS

With USM's high-precision weighing forks for forklift trucks, you can capture weight in a matter of seconds while remaining on the move. Powered by Lithium-ion battery packs, US-iF-32 comes with standard Bluetooth 4.0 data transfer capabilities. In addition, there are no cables or external components to connect, so you can quickly install the forks.

Indicator equipped with Bluetooth and automatic tilt compensation

Power supplied by rechargeable Li-on battery packs

No external components on fork shank



2.16" fork height

A Smarter, Faster Way to Work

- Calculate pallet weight with mobile scale
- Easy installation
- Completely wireless, Bluetooth transmission between forks and display device
- Indicator provides digital calibration
- Tested 1,000,000 cycles at 125% of capacity
- Automatic tilt compensation when the mast is tilted
- Overload warning with fork tip load and one-sided fork load
- NTEP Legal for Trade certification available
- Available in different fork lengths, alternative power options, and with integrated data connectivity

US-iF

FUNCTIONS

- Automatic and manual zero correction
- Gross/net weighing
- Totaling with sequence number
- ID-Code entry (5 Digits)
- Integrated level correction in the Forks
- On Board:
  - RS232 port connection for printer
  - Bluetooth port for data communication
- Optional:
  - WiFi module for data communication
- Tip loading error message, with logging
- Sleep mode for the Forks, with automatic start-up
- Overload protection 200% on mechanical construction
- Bluetooth 4.0 for RAVAS WeightsApp

STANDARD SPECIFICATIONS

CAPACITY

- 5,000 lb., 6,000lb. or 10,000 lb.*
  * (in combination with rotators: capacity reduction of 15%)

GRADUATION MULTIRANGE

- 2 lb. till 2,000 lb., 5 lb till max 5,000 lb.
- 2 lb. till 2,000 lb., 5 lb till max 6,000 lb.
- 5 lb. till 5,000 lb., 10 lb till max 10,000 lb.

SYSTEM TOLERANCE

- 0.1% of the load lifted

DISPLAY

- Dual color (Green/Red), digit height 0.79", with backlight, 5 digits

SIGNAL TRANSFER

- Bluetooth 4.0

CONTROLS

- 4 function keys, on/off key

PROTECTION CLASS

- IP65/NEMA 4

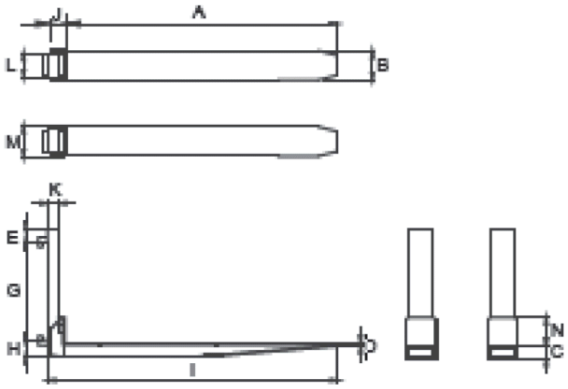
DIMENSIONS HOUSING

- 2.36" x 3 x 7.15" (excl. bracket)

POWER SUPPLY

- Rechargeable Li-ion 3.7V/5.2Ah battery pack. Autonomy 75 Hours continuous use.
- Indicator powered by 4 AA-Batteries. Autonomy CA. 50 hours continuous use. Power supply from truck battery optional.

DIMENSIONS



		Class II 5,000 lb*	Class III 6,000 lb*	Class III 10,000 lb*
A	Fork Length	42"	42"	42"
B	Fork Width	5.3"	6"	6.8"
C	Fork Height	2.3"	2.3"	3"
D	Thickness of the Fork Tip	0.6"	0.6"	0.6"
E	Height Above Carriage Plate	2.7"	2.7"	2.8"
F	Carriage Plate Height	16"	20"	20"
G	Distance Between Claws	16.5"	20.5"	20.5"
H	Fork Drop FEM A/B	3/6"	3/8"	3/8"
I	Distance Backside Fork to Front Side	45.4"	45.4"	46"
J	Pallet Stop	2.6"	2.6"	2.6"
K	Thickness Base Fork	1.8"	1.8"	2.4"
L	Width of Fork Base	4"	4.7"	5.5"
M	Width of Pallet Stop	5.6"	6.3"	7.1"
N	Height of Pallet Stop	5.6"	5.6"	5.6"
O	Own Weight per Fork	147 lb	175 lb	260 lb

Tolerance +/- 0.1"

* Maximum Capacity Specified at 20 Inch Load Center Point

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