

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.

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

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



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

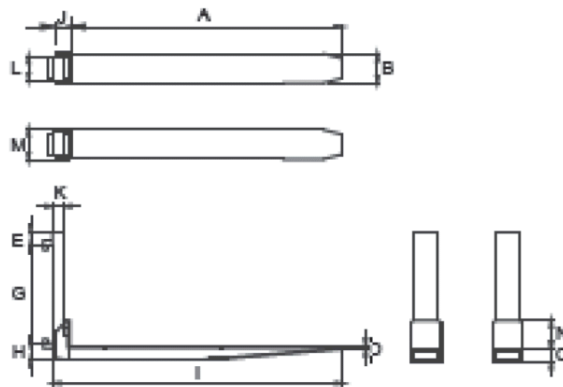
DIMENSIONS HOUSING

- 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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