RAVAS iForks-32
Forklift Scale

Using a static floor scale to calculate the weight of pallets is inefficient, takes up valuable warehouse space, and can lead to unsafe conditions for forklift operators. With RAVAS' 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, the RAVAS iForks-32 comes with standard wireless 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
- Wireless communication 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 wireless connectivity and automatic tilt compensation

Power supplied by rechargeable Li-on battery packs

No external components on fork shank

2.16" fork height

RAVAS
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RAVAS iForks-32

FUNCTIONS

- Automatic and manual zero correction
- Gross/net weighing
- Totaling with sequence number
- D-Code entry (5 Digits)
- Integrated level correction in the Forks
- On Board:
    - RS232 port connection for printer
    - Wireless 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
- Wireless connectivity for RAVAS Indicator App

STANDARD SPECIFICATIONS

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

GRADUATION MULTIRANGE
- 2 lb. till 2,000 lb., 5 lb till max 5,000 lb.

SYSTEM TOLERANCE
- 0.1% of the load lifted

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

RED DISPLAY
- During errors, when tip or side loading (Weight on one Fork)

CONTROLS
- 4 function keys, on/off key
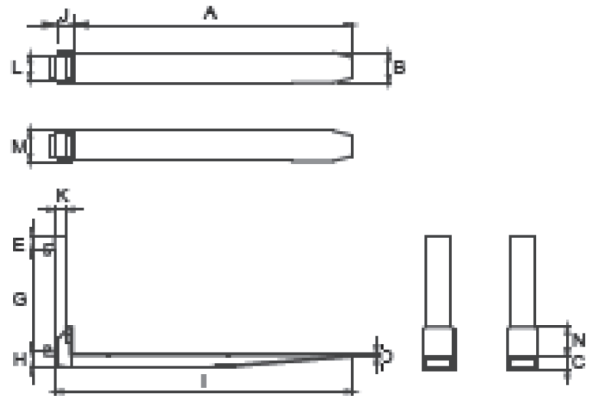
PROTECTION CLASS
- IP65/NEMA 4

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