

RAVAS iForks-32

Forklift Scale

MOBILE
WEIGHING
SYSTEMS

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

2.3" fork height

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 lbs.*
- * (in combination with rotators: capacity reduction of 15%)

GRADUATION MULTIRANGE

- 2 lbs. till 2,000 lbs., 5 lbs till max 5,000 lbs.

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

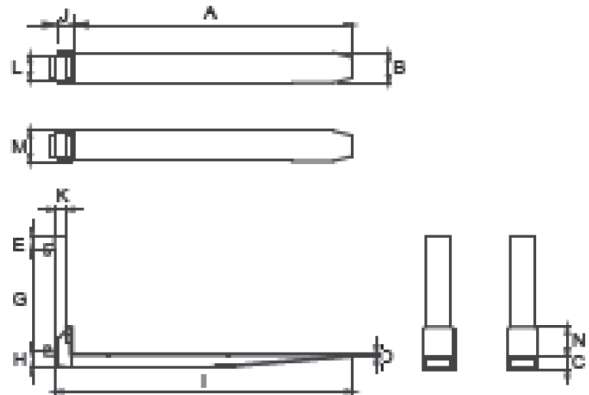
DIMENSIONS HOUSING

- 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 lbs* | Class III 6,000 lbs* | Class III 10,000 lbs* |
|---|------------------------|-------------------------|--------------------------|
| 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 lbs | 175 lbs | 260 lbs |

Tolerance +/- 0.1"

* Maximum Capacity Specified at 20 Inch Load Center Point

