

# 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, 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

# 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 WeightsApp

## 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

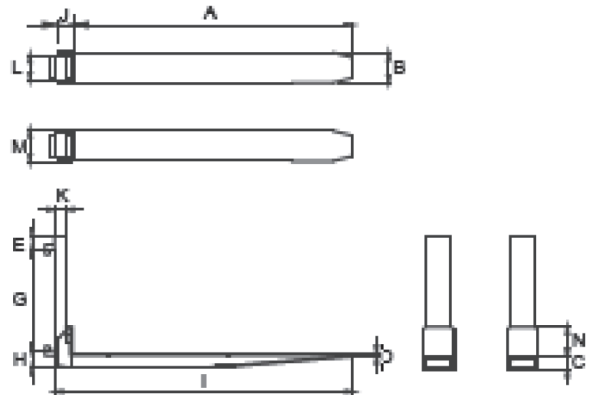
### DIMENSIONS HOUSING

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

Tolerance +/- 0.1"

\* Maximum Capacity Specified at 20 Inch Load Center Point

