

# iForks-52

## Forklift Scale

MOBILE  
WEIGHING  
SYSTEMS

Logistics is all about timing. Managing the flow of materials through a warehouse is critical to keeping the process on track and ensuring you stay on schedule. With mobile weighing, you save time, reduce labor costs, and efficiently track shipments. The RAVAS iForks-52 expands on the benefits offered by our iForks-32 model. The intuitive 5200 touch screen indicator has expanded capabilities including piece counting.

### New Model Expands Capabilities of iForks

- Improved accuracy in outgoing and incoming shipment weights
- Easy installation
- Power supply by Li-ion compact battery packs
- Completely wireless, Bluetooth transmission between forks and display device
- 5" full color Touch screen indicator with 1" high digits
- Counting functionality
- Automatic compensation for mast tilt angle
- Tested 1,000,000 cycles at 125% of capacity

Indicator can be customized for specific operations such as piece counting



Li-ion battery packs capable of 75 hours of continuous use



Integrated level correction in the forks



5,000 lb. weighing capacity



# iForks-52

## FUNCTIONS

- Automatic and manual zero correction
- Gross/net weighing
- ID-code entry for max. 4 ID-codes with 10 preset codes (each max. 14 characters alpha-numeric)
- 10 totalizing registers
- Integrated level correction in the forks
- Internal clock for date and time
- On Board:
  - Bluetooth 4.0 for RAVAS WeightsApp only
  - USB output for data transfer (with USB Stick)
  - Free COM1 for WiFi, Bluetooth or RS232
  - Free COM2 for WiFi or RS232
- Tip and side loading error message with logging
- Sleep mode for the forks with automatic start up
- Overload protection 200% on mechanical construction; according ISO 2330

## STANDARD SPECIFICATIONS

### CAPACITY

- 5,000 lb.\*

### GRADUATION MULTIRANGE

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

### SYSTEM TOLERANCE

- 0.1% of the load lifted

### DISPLAY

- Full-color 5" touch display with 1" high digits digital

### SIGNAL TRANSFER

- Bluetooth 4.0

### PROTECTION CLASS

- IP65/NEMA 4

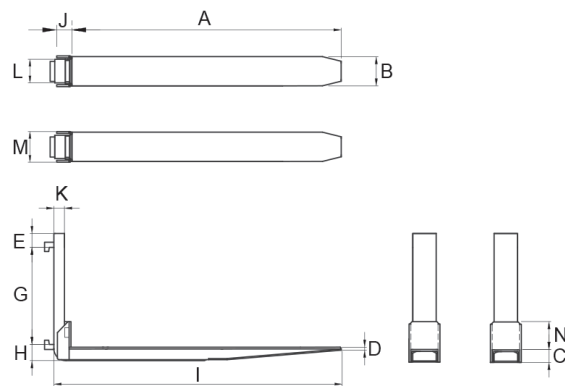
### DIMENSIONS HOUSING

- L x B x H = 3.4" x 6.5" x 4.5" mm (excl. bracket)

## POWER SUPPLY

- Each fork has its own rechargeable Li-ion 3.7V / 5.2Ah battery pack. Autonomy 75 hours continuous use. Charger station included
- Power supply from truck battery
- Sleep function with automatic start up for the fork transmitters, auto shut-off function for the indicator
- The operator can customize the power setting of the indicator in the 'user' menu

## DIMENSIONS



|   | Class II<br>5,000 lb* | Class III<br>6,000 lb* | Class III<br>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