

# Completely wireless fork scale

## iFORKS-32

### FORKLIFT TRUCK SCALES



#### Benefit

- Installation within 5 minutes
- Completely wireless through bluetooth: no cabling
- Fork power supply by Li-ion compact battery packs
- Digital calibration
- Load warning for tip and side loading
- Easy to install in combination with fork positioners
- Efficient power management
- Tested 1,000,000 cycles at 125% of capacity
- Automatic compensation for mast tilt angle

#### iForks, the hugely successful RAVAS scale forks.

With only 58mm fork height and no external components on the fork shank, iForks-32 looks more and more like standard lift truck forks. The upgraded 3200 driver display offers attractive new features, like standard Bluetooth connectivity.

#### Lithium ion power: compact, green and reliable.

All scale components on the forks are hidden below and behind the fork shoe, creating an efficient look for iForks-32.

No external components on the fork shank, making iForks-32 even more easy to fit onto fork positioners. iForks-32 is only marginally higher than standard lift truck forks.

#### High accuracy: automatic compensation for mast tilt.

The 3200 weight indicator includes automatic tilt compensation, to automatically correct weight errors that occur when the mast tilts and the forks are not in horizontal position. The 3200 instrument automatically logs tip loads and overload events.

#### Lithium Standard with Bluetooth

Bluetooth 4.0 is a standard feature on the 3200, providing connectivity to tablets and smart phones. The RAVAS WeightsApp is available from Google Play and the App store. It acts as a remote display and remote control for the scale, but also allows you to download data from the 3200 instrument and send it via email.



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### FUNCTIONS

- Automatic and manual zero correction
- Gross/net weighing
- Totalling with sequence number
- ID-code entry (5 digits)
- Integrated level correction in the forks
- Internal clock for date and time
- On board: RS232 port connection for printer  
Bluetooth 4.0 for RAVAS WeightsApp
- Optional: WiFi or Bluetooth 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

### STANDARD SPECIFICATIONS

- Capacity: 2.500 kg; 3.000kg; 5.000 kg\*
- Graduation multirange: 1-2 kg at 2.500 kg  
1-2 kg at 3.000 kg  
2-5 kg at 5.000 kg
- System tolerance: 0.1% of the load lifted
- Display: dual color (green / red), digit height 22mm, with backlight, 5 digits
- Red display: during errors when tip or side loading (weight on one fork)
- Signal transfer: Bluetooth 4.0
- Controls: 4 function keys, on/off key
- Protection class: IP65
- Dimensions housing: 60 x 77 x 182 mm (excl. bracket)

\* (in combination with rotators: capacity reduction of 15%)

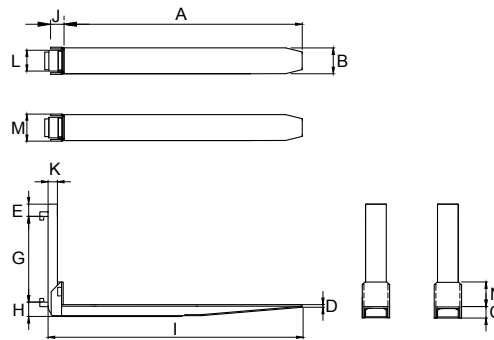
### POWER SUPPLY

- Each fork has its own rechargeable Li-ion 3.7V / 5.2Ah battery pack. Autonomy 75 hours continuous use. Charger station included.
- Indicator powered by 4 AA-batteries. Autonomy ca. 50 hours continuous use. Power supply from truck battery optional (with data connection options reduced autonomy).
- 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.

### Options\*

- Legal for trade version, OIML III
- Different fork lengths (with length > 1700 mm height +5 mm)
- Capacity reduction with longer fork lengths
- Power regulator 12V-12V for IC-trucks
- Power convertor for electro trucks max. 100V-12V
- Thermal or matrix printer
- RDC, RAVAS Data Collector Software
- RIS, RAVAS Integration Software
- Bluetooth- or WiFi- data transfer
- Additional set of Li-ion battery packs
- Wide claws for use in combination with rotator or fork positioners
- Long-drop forks for special type of trucks

### DIMENSIONS IN MM



		2500 kg* FEM2	3000 kg* FEM3	5000 kg* FEM3
A	Fork length	1150	1150	1150
B	Fork width	135	155	175
C	Fork height	58	58	76
D	Thickness of the fork tip	15	15	15
E	Height above carriage plate	68	68	70
F	Height carriage plate	407	508	508
G	Distance between claws	418	518	518
H	Fork drop FEM A/B	76/152	76/203	76/203
I	Distance backside till fork tip	1230	1230	1245
J	Palletstop	80	80	95
K	Thickness base fork	45	45	60
L	Width of fork base	100	120	140
M	Width of pallet stop	143	163	183
N	Height of pallet stop	142	142	142
	Own weight per fork (kg)	65	79	119

Tolerance +/- 2 mm

\* Maximum capacity specified at load center point 500 mm



\* The use of options may change related specifications. rev.20200220 Changes reserved

**BOLZONI S.p.A.**

VIA I MAGGIO, 103 - CASONI DI PODENZANO -  
29027 PIACENZA (ITALIA)

Tel. +39 0523 55 55 11 - Fax +39 0523 52 40 87

[www.bolzonigroup.com](http://www.bolzonigroup.com) - [sales@bolzonigroup.com](mailto:sales@bolzonigroup.com)

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