

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 2.3 inch 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.



BOLZONI

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 port (excl. transmitter) 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
- Bluetooth 4.0 for RAVAS WeightsApp

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: dual color (green / red), digit
height 0,79 inch, 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 / NEMA 4
- Dimensions housing: 2.36 x 3 x 7.15 inch (excl. bracket)

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

POWER SUPPLY

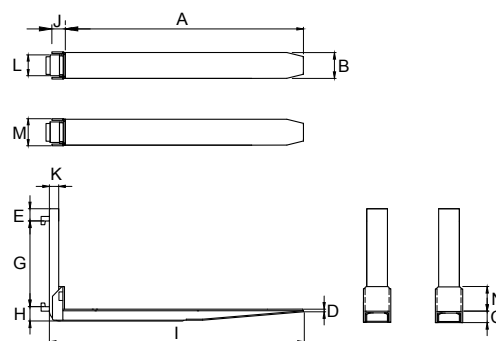
- Each fork has its own rechargeable Li-ion 3.7V / 5.2Ah battery pack. Autonomy 75 hours continuous use. Charger station included.
- Indicator powered by 4 AA-batteries. Autonomy ca. 50 hours continuous use. Power supply from truck battery optional (with data connection options reduced autonomy).
- Sleep 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, NTEP
- Different fork lengths; with length > 66 inch, height +0.2 inch
- 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
- 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

* The use of options may change related specifications. rev.20200407.* Changes reserved..

DIMENSIONS IN INCH



		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	Height carriage plate	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	Palletstop	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
	Own weight per fork (kg)	147 lb	175 lb	260 lb

Tolerance +/- 0.1 inch

*Maximum capacity specified at 20 inch load center point

