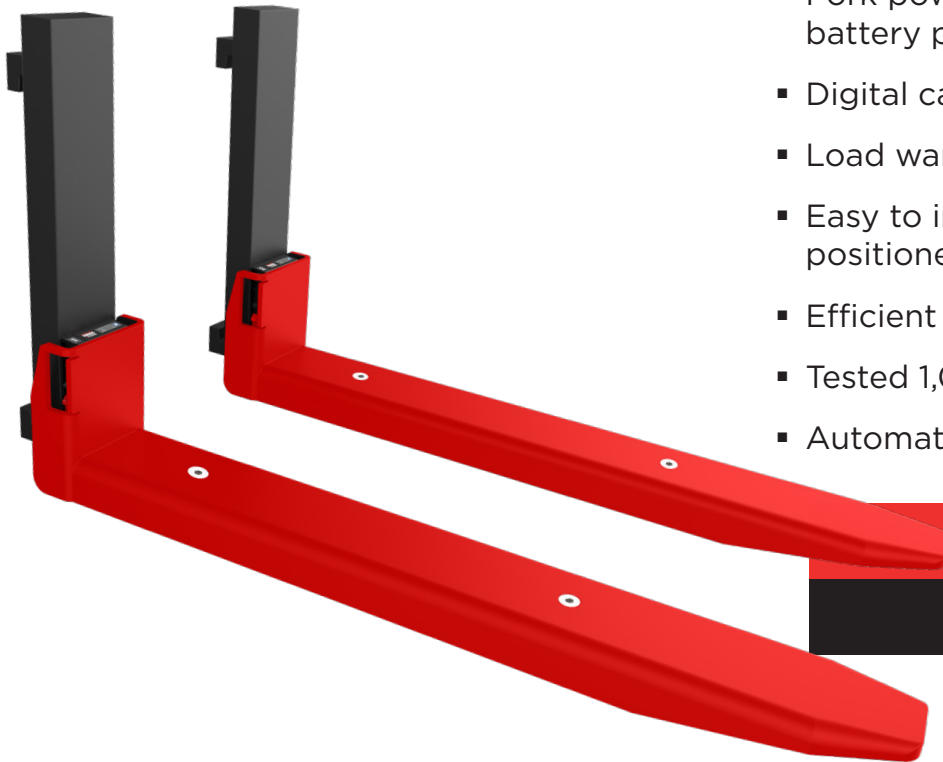# iFORKS-32
Completely wireless fork scale

BENEFITS

- Installed in 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

Top quality
Plug & weigh

Lithium-ion

Step into the future

RAVAS WeightsApp
Connect with your RAVAS Weighing System

780.0

RAVAS PERFORMANCE LINE

RAVAS

iFORKS-32

FUNCTIONS

- Automatic and manual zero correction
- Gross/net weighing
- Totaling 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

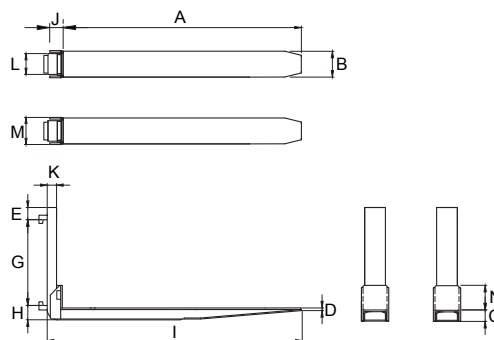   * (in combination with rotators: capacity reduction of 15%)

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.

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 pate	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	147 lb	175 lb	260 lb

Tolerance +/- 0.1 inch

* Maximum capacity specified at 20 inch load center point

Management System
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
www.tuv.com
ID 0000037200

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

RAVAS

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