



RAVAS iFORKS-32 Completely wireless fork scale Instruction Manual

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BENEFITS

- 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

Top quality Plug & weigh



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 4.0 for RAVAS Weight Sapp

- 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; according ISO 2330

STANDARD SPECIFICATIONS

- Capacity: 2.500 kg; 3.000kg; 5.000 kg*; 8.000 kg **
- Graduation multirange:
Q-max 2.500 kg and Q-max 3.000 kg:
0 – 1.000 kg: graduation 1 kg 1.000 – Q.max: graduation 2 kg Q-max 5.000 kg:
0 – 2.000 kg: graduation 2 kg 2.000 – Q.max: graduation 5 kg
- System tolerance: 0.1% of the load lifted
- Display: dual color (green / red), digit height 20mm, with backlight, 5 digits
- 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)

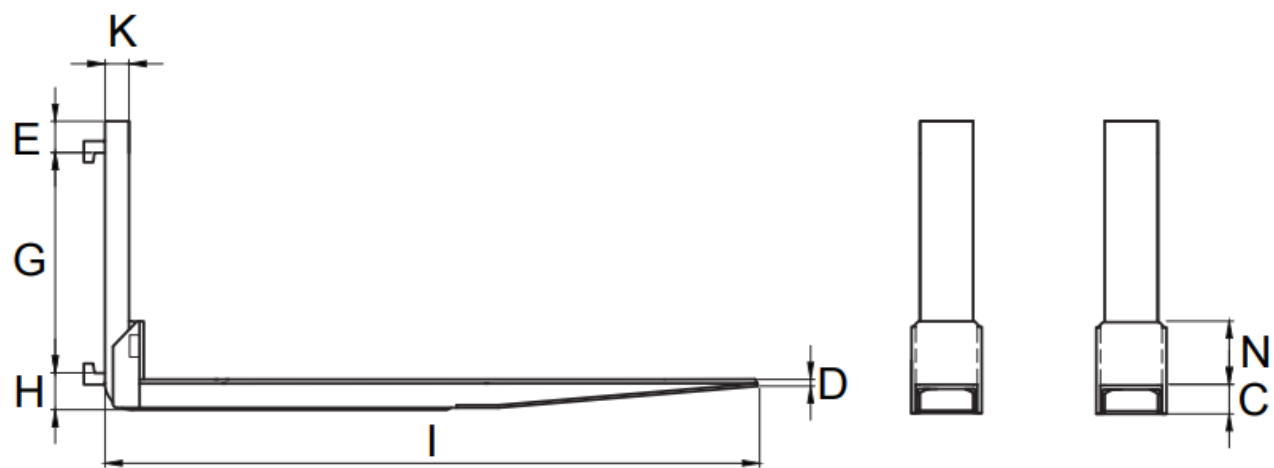
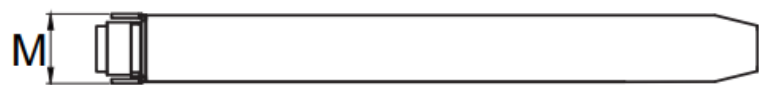
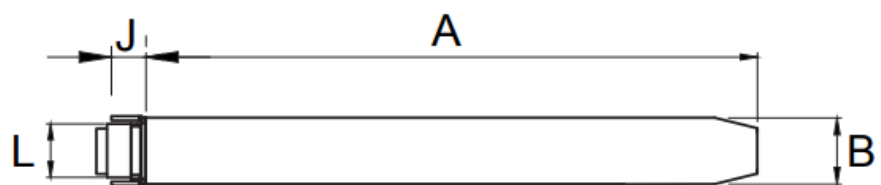
* in combination with rotators: capacity reduction of 40%

** iForks 8.000: for dimensions, options, etc. request a quote

POWER SUPPLY

- Each fork has its own rechargeable Li-ion 3.7V / 5.2Ah battery pack. Autonomy 75 hours continuous use, incl. charger station.
- Indicator powered by 4 AA-batteries. Autonomy ca. 50 hours continuous use with no further options. Power supply from truck battery optional.
- Sleep function with automatic start up for the fork transmitters, auto shut-off function for the indicator.

DIMENSIONS IN MM



		2500 kg*	3000 kg*	5000 kg*
		FEM2	FEM3	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; according ISO 2328

* Maximum capacity specified at load center point 500 mm

Management System
ISO 9001 :2015
ISO 14001:2015
ISO 450011 :2018
www.tuv.com
ID 0000037200



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 2.0 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

Customer Support

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Documents / Resources

The image shows the iFORKS-32 product, a red and black wireless fork scale, with the RAVAS logo at the bottom.	RAVAS iFORKS-32 Completely wireless fork scale [pdf] Instruction Manual iFORKS-32 Completely wireless fork scale, iFORKS-32, Completely wireless fork scale, wireless fork scale, fork scale, scale
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References

-  [RAVAS Mobile Weighing | Innovative Weighing Systems | Scales | RAVAS](#)

Manuals+.