

RAVAS iForks-52

Completely wireless fork scale



BENEFITS

- Completely wireless connection: no cabling
- Fork power supply by **Li-ion** compact battery packs
- 5" full color Touch screen indicator with 25 mm high digits
- Counting functionality
- User friendly due to intuitive menu, only active keys are visible
- Integrated data connectivity as option available
- Digital calibration
- Tested 1,000,000 cycles at 125% of capacity

Top quality
Plug & weigh



Lithium-ion



RAVAS Indicator App

RAVAS

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:
 - Connectivity for RAVAS Indicator App
 - USB output for data transfer (with USB Stick)
 - Free COM 1 and COM2 for connection to RS232, WiFi or devices that have Bluetooth® technology
- 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

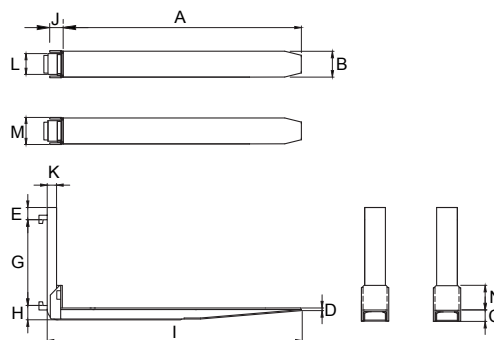
- Capacity: 2.500 kg; 3.000kg; 5.000 kg*
- Graduation multirange:
 - Q-max 2.500 kg and Q-max 3.000 kg:
 - 0 - 1.000 kg: graduation 1 kg
 - 1.000 - Q.max: graduation 2 kg
 - Q-max 5.000 kg:
 - 0 - 2.000 kg: graduation 2 kg
 - 2.000 - Q.max: graduation 5 kg
- System tolerance: 0.1% of the load lifted
- Display: full-colour 5" touch display with 25 mm high digits digital
- Signal transfer: wireless connection between load cell and indicator
- Protection class: IP65 / NEMA 4
- Dimensions housing: L x B x H = 85 x 165 x 115 mm (excl. bracket)

* in combination with rotators: capacity reduction of 40%

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: 9Vdc – 100Vdc input, built-in regulator / convertor board
- 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	1237	1237	1252
J	Palletstop	64	64	64
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 based on LCP 500 mm; decreases as load moves away from the fork carriage. Extra weight of the attachment and the LCP position affect forklift capacity. Always check your manufacturer's manual. Maximum capacity applies to the RAVAS weighing instrument only.



OPTIONS*

- Legal for trade version, OIML III
- Different fork lengths (with length > 1700 mm height +5 mm)
Be aware > Capacity reduction with longer fork lengths
- Thermal or matrix printer
- RDC, RAVAS Data Collector Software
- RIS, RAVAS Integration Software
- Data transfer to devices that have WiFi or Bluetooth® technology
- 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

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