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
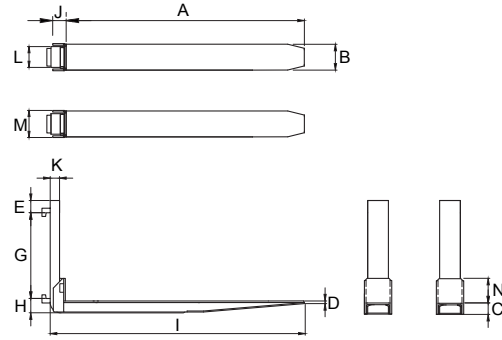
STANDARD SPECIFICATIONS

- 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* 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; according ISO 2328

* Maximum capacity specified at load center point 500 mm

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

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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* The use of options may change related specifications. Changes reserved rev.20241120