



RAVAS iFORKS-32 XT Wireless Fork Scale with Extra Thin Forks Owner's Manual

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RAVAS iFORKS-32 XT Wireless Fork Scale with Extra Thin Forks



Product Information

The iFORKS-32 XT is a forklift truck scale that is completely wireless and equipped with extra thin forks. It offers several benefits, including easy handling of low pallets, quick installation within 5 minutes, and completely wireless operation through Bluetooth technology. The fork power is supplied by Li-ion compact battery packs, ensuring efficient power management. The scale also features digital calibration, and load warning for tip and side loading, and has been tested for 1,000,000 cycles at 125% of capacity.

Additional functions of the iFORKS-32 XT include automatic and manual zero correction, gross/net weighing, totaling with sequence number, and ID-code entry. It also has an integrated level correction in the forks, an internal clock for date and time, and an optional RS232 port connection for a printer. The scale supports Bluetooth 4.0 for RAVAS WeightsApp and can be equipped with a WiFi or Bluetooth module for data communication. It also provides tip-loading error messages with logging, sleep mode for the forks with automatic start-up, and overload protection. The standard specifications of the iFORKS-32 XT include a capacity of 2,500kg (with a capacity reduction of 40% in combination with rotators), multirange graduation, system tolerance of 0.1% of the load lifted, dual color display with backlight, signal transfer via Bluetooth 4.0, 4 function keys, and an on/off key. The scale has a protection class of IP65 and its housing dimensions are 60 x 77 x 182 mm (excluding the bracket).

Each fork of the iFORKS-32 XT has its own rechargeable Li-ion 3.7V / 5.2Ah battery pack, providing autonomy of 75 hours of continuous use. The indicator is powered by 4 AA batteries, offering an autonomy of approximately 50 hours of continuous use. The scale also has a sleep function with automatic start-up for the fork transmitters and an auto shut-off function for the indicator.

Product Usage Instructions

1. Before using the forklift truck scale, ensure that the Li-ion battery packs are fully charged. Connect the charger station to each fork to charge the batteries.
2. Install the iFORKS-32 XT on the forklift truck within 5 minutes. Secure the scale using the provided bracket.
3. Turn on the indicator by pressing the on/off key.
4. To perform automatic zero correction, press the corresponding function key. Alternatively, you can manually adjust the zero point if required.
5. To weigh items, lift them using the forklift truck and place them on the scale's forks.
6. The weight will be displayed on the dual color display with backlight. Green indicates a normal weight

measurement, while red indicates errors such as tip or side loading.

7. For totaling with sequence number, enter the ID code using the function keys. The internal clock can also be used to record the date and time of weighing.
8. If needed, connect a printer to the RS232 port for printing weight data.
9. The iFORKS-32 XT supports Bluetooth 4.0 for RAVAS WeightsApp. If required, you can also equip it with a WiFi or Bluetooth module for data communication.
10. To ensure accurate weighing, periodically calibrate the scale digitally.
11. When not in use, activate the sleep mode for the forks to conserve battery power. The forks will automatically start up when needed.
12. Ensure that the scale is not overloaded beyond 200% of its mechanical construction capacity to avoid damage.

For further assistance or additional product options, please contact RAVAS Europe B.V. at salesoffice@ravas.com or visit their website at www.ravas.com.

BENEFITS

- Extra thin forks for easy handling of low pallets
- 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
- Efficient power management
- Tested 1,000,000 cycles at 125% of capacity

Connect With Device



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 WeightsApp
 - **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 to ISO 2330

STANDARD SPECIFICATIONS

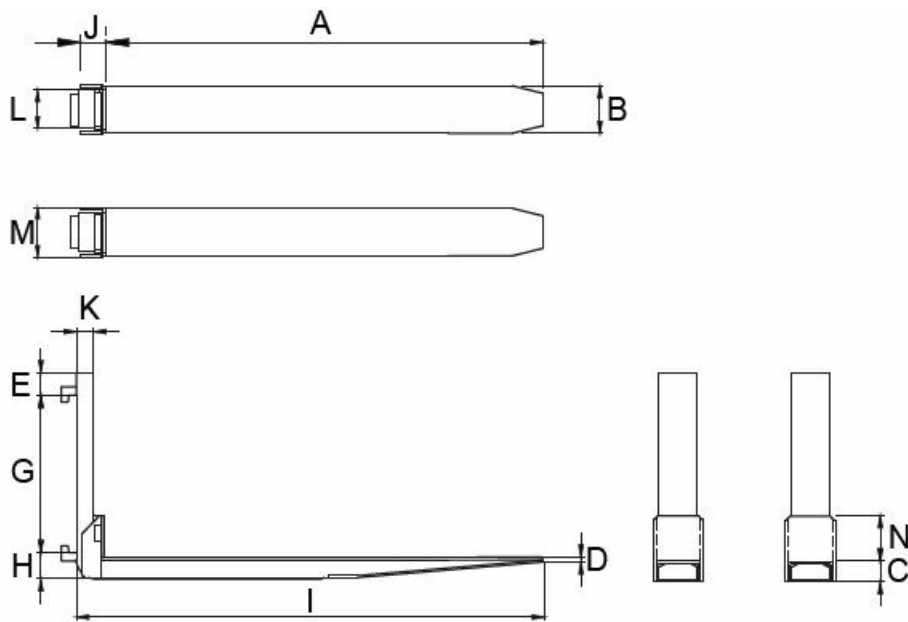
- **Capacity:** 2.500kg*
- **Graduation multirange:**
 - 0 – 1.000 kg: graduation 1 kg
 - 1.000 – 2.500 kg: graduation 2 kg
- **System tolerance:** 0.1% of the load lifted
- **Display:** dual color (green/red), digit height 20mm, with backlight, 5 digits
- **Red display:** during errors when tip or side loading (weight on one fork)
- Signal transfer Bluetooth 4.0
- Controls 4 function keys, on/off key
- Protection class IP65
- Dimensions housing 60 x 77 x 182 mm (excl. bracket)

In combination with rotators: a 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.
- 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, and auto shut-off function for the indicator.

DIMENSIONS IN MM



2500 kg* FEM2

- **A.** Fork length 1150
- **B.** Fork width 152
- **C.** Fork height 45
- **D.** Thickness of the fork tip 10
- **E.** Height above carriage plate 68
- **F.** Height carriage plate 407
- **G.** Distance between claws 418
- **H.** Fork drop FEM A/B 76/152
- **I.** Distance backside till fork tip 1220
- **J.** Palletstop 70
- **K.** Thickness base fork 35
- **L.** Width of fork base 130
- **M.** Width of pallet stop 180
- **N.** Height of pallet stop 142

Own weight per fork 67 kg

Tolerance +/- 2 mm; according ISO 2328

Maximum capacity specified at load center point 500 mm



OPTIONS


- Legal for trade version, OIML III

- Thermal (6V or 12V) or matrix (12V) printer
- Bluetooth 2.0, WiFi, or serial output
- Unimobile PDA or UniWin PC software
- Integrated power convertor 24V-100V for indicator power supply via truck battery
- 12V-12V regulator for fixed power supply on diesel and gas trucks
- The electronic level correction sensor compensates for up to 5°tilting of the mast
- WeighScan data collector
- Different fork lengths
- Extra rechargeable fork battery packs
- RDC, RAVAS Data Collector Software
- RIS, RAVAS Integration Software

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Documents / Resources

	<p>RAVAS iFORKS-32 XT Wireless Fork Scale with Extra Thin Forks [pdf] Owner's Manual iFORKS-32 XT, iFORKS-32 XT Wireless Fork Scale with Extra Thin Forks, iFORKS-32 XT Wireless Fork Scale, Wireless Fork Scale, Wireless Scale, Fork Scale, Wireless Fork Scale with Extra Thin Forks, Extra Thin Forks Scale</p>
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