

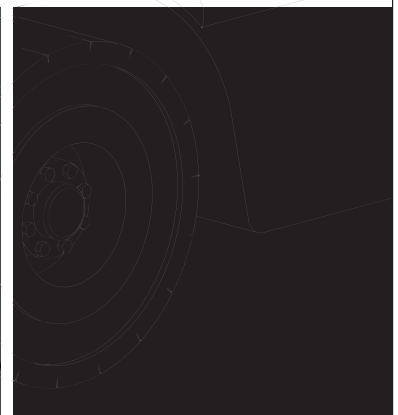
MForks

Forks with load moment monitoring and warning system

BENEFITS

- Measures both weight and load centre
- Ensures safe lifting of loads
- Prevents tipping over or breaking forks
- Buzzer alarm in case of overload
- Additional wear zone for extra long fork lifetime
- Less deflection thanks to the heel reinforcement

Lifting loads safely
Patent pending



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FUNCTIONS

- Continuous load-moment measurement on the forks
- Real-time load percentage readout on the indicator
- Buzzer alarm sounds at 100% load, warning for overload
- Buzzer alarm for low MForks batteries and all other system messages

STANDARD SPECIFICATIONS

- Capacity 2,500 kg @ 600 mm LCP
- Graduation 2% steps
- System tolerance +/- 2%
- Display LCD, digit height 18 mm, backlight
- Signal transfer Bluetooth, class 1
- Protection class IP65

POWER SUPPLY

- Easily exchangeable, rechargeable, ergonomic and robust battery pack on each fork. Charger included.
- Battery duration: 180 hours when continuously used
- Indicator is powered via the truck battery and switches on automatically when the truck starts

DIMENSIONS IN MM



FEM2A/B 2500 kg*

A	Fork length	1134
B	Fork width	120
C	Height above carriage	68
D	Height carriage	407
E	Fork drop** A/B	76/152
F	Thickness of fork tip	15
G	Height of fork base	40
H	Battery and cover plate	55
I	Width of battery pack	40
J	Height cover plate	410

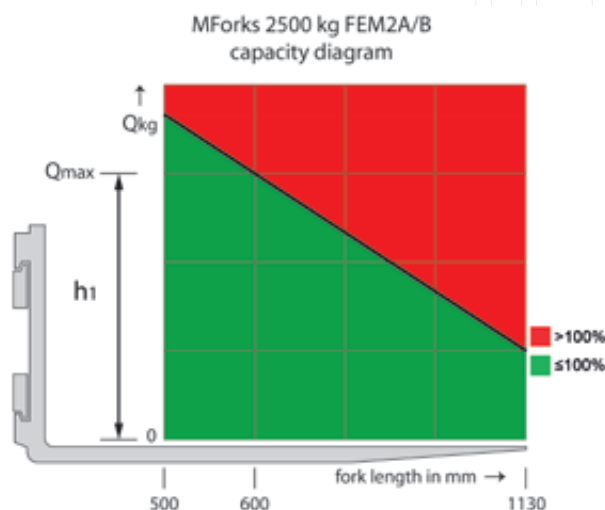
Tolerance +/- 2 mm

* Capacity specified at load centre point 600 mm

** Specify fork drop type upon order, tolerance dimension +/- 5 mm

HOW MFORKS WORKS

MForks is designed to help a forklift driver lift a load safely and to avoid dangerous situations, like forklifts tipping over or forks breaking. A measurement system is incorporated into the forks, which measures a combination of the load's weight and its load centre point: the load moment. As a result the MForks indicator, which is mounted in the forklift cabin, calculates whether the load, in its current position on the forks, may be lifted safely. The indicator shows the actual load moment as a percentage of the maximum lifting capacity for the actual load centre. If the load moment exceeds the 100% limit, a warning buzzer sounds.



PREMIUM OPTIONS*

- 2 extra rechargeable fork battery modules
- Converter 80/48/36/24Vdc - 12Vdc

OPTIONS*

- FEM2B forks
- Other dimensions and capacities, on demand

* The use of options may change related specifications

RAVAS Europe B.V.

P.O. Box 2023, NL-5300 CA Zaltbommel, The Netherlands
T. +31 (0)418 51 52 20, F. +31 (0)418 51 53 20
backoffice@ravas.com, www.ravas.com

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