ProBOT FL1200

FORKLIFT LINE





ProBOT FL1200

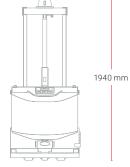
Improve your competitiveness by automating your palletised load handling.

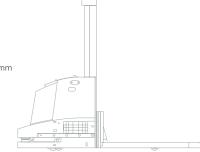
Our stacker AGVs range for industrial environments provides an automatic, safe and flexible solution. Equipped with cutting edge SLAM-Natural navigation, ProBOT FL 1200 is a multifunctional mobile robot perfect to handle goods from conveyors or directly from the floor with precision.

- SAFE: Protection 360°. Two safety lasers with a total coverage of the vehicle's perimeter provide safe operations.
- ADAPTABLE: Reduced turning radius, compact design and SLAM-Natural navigation to adapt easily to your existing equipment and layout of your plant.
- FLEXIBLE: Easy updates, upscales and modifications.



Service weight capacity	1200 kg
Lifting height	1200 mm
Dimensions (LxWxH)	2150 x 830 x 1940 mm
Movement	Bidirectional
Navigation system	SLAM-Natural with predefined virtual path
Speed range	Forward: From 0.1 to 1.4 m/s. Backward: From 0.1 to 0.3 m/s
Turning radius	1650 mm
Positioning accuracy	Up to ± 50 mm / 5°
Manual movement	Control pad
Battery	Li-Ion 24V 90Ah Li-Ion 24V 180Ah
Charging system	Online charging system (brushes)
Environment	Indoor
Safety systems	1 x Safety PLC 2 x Safety laser for indoor environment 2 x Emergency stop button
Optional elements	Side scanner 360° scanner for localization Bluespot Barcode scanner Manual fork
Handling system	Forks
Fleet management system	AGV Interface Controller (AIC)
Communication	WiFi
Connectivity	Ethernet Through IT: ERP, MRP, MES, WMS, DDBB interface Industrial connectivity: OPC





- 830 mm -

_____ 2150 mm _____

