



FORKLIFT LINE

ProBOT FL1200

# 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 $\pm 50$ 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

