



PLATFORM LINE < 1000

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EBOT 1000

# EBOT 1000

Maximum agility, flexibility and safety with our EBOT 1000.

Fast and efficient delivery of racks, carriers, boxes or hanging garments in confined spaces. Extremely flexible automation for your storage needs and changes in your busy warehouses.

EBOT 1000 is the perfect solution for Goods to Person (G2P) processes in Ecommerce, Logistics, Automotive or Manufacturing sectors. They can also perform hundreds of applications related to warehouse management, line feeding or end of line handling.

- **AGILE:** Excellent manoeuvrability, thanks to its omnidirectional technology, EBOT can rotate on the spot to change direction. With minimum dimensions, its agility allows to reduce the number of vehicles per installation (-20% vs differential AGVs). Increase your productivity thanks to its high speed.
- **COLLABORATIVE:** Safe and reliable interactions with operators and connected elements (robotic cells, layer pickers, wrapping machines, automatic warehouses).
- **SAFE:** 360° protection. Our EBOT has a robust safety architecture which guarantees smooth operations even in a busy environment: 2 safety lasers provide full coverage of the horizontal vehicle's perimeter, safety PLC, safety counting and many others.
- **INTELLIGENT:** Manage hundreds of locations thanks to its multi-origin and multi-destination capabilities. Smart QR code / RFID reader system.
- **NAVIGATION SYSTEM:** State-of-the-art navigation technology through QR codes or SLAM-Natural navigation, which provides maximum flexibility at a low cost with minimal maintenance requirements.



Maximum payload	1000 kg
Lifting height	120 mm stroke
Dimensions (LxWxH)	1202 x 780 x 352 mm
Movement	Omnidirectional
Navigation system	QR codes SLAM - Natural with predefined virtual path (optional)
Speed range	From 0.05 to 1.7 m/s
Turning radius	0 mm (turn on the spot)
Positioning accuracy	Up to ± 10 mm / 0.5°
Manual movement	Control Pad Wireless remote control Wired remote control
Battery	Li-Ion 48 V 40 Ah
Charging system	Online charging system (brushes)
Environment	Indoor
Safety systems	2 x Safety PLC 2 x Safety laser for indoor environment 2 x Emergency stop button
Optional elements	Camera for rack detection
Handling system	Lifting table Conveyor (roller or chain conveyor)
Fleet management system	SIGAT 50/50
Communication	WiFi Radio frequency system M2M
Connectivity	2 x USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connections

