



PLATFORM LINE > 1000

QuadBOT 1500

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Optimize your intralogistics and manufacturing flows up to 1500 kg with our smart, omnidirectional platform AGV.

Adaptable to any industrial sector, QuadBOT 1500 combines omnidirectional move capabilities with very low height, which provides multipurpose application possibilities in all internal environments.

Equipped with the latest ASTI technologies, this model is easily configurable based on customer needs. Thanks to its lifting table, QuadBOT 1500 is the ultimate solution to carry loads on top or with a metal structure, perfect for assembly lines or collaborative processes.

- **COLLABORATIVE:** Safe and reliable interactions with operators and connected elements (end of lines, robotic cells, wrapping machines...)
- **COMPACT:** Reduced dimensions and ergonomic height, making them manoeuvrable and adaptable to different applications.
- **SMART:** Traceability through real-time communication and by monitoring every vehicle of each unit or system. Robots are connected to your systems, allowing you control the AGVs and your facilities.



Maximum payload	1500 kg
Lifting height	150 mm stroke
Dimensions (LxWxH)	1900 x 850 x 250 mm
Movement	Omnidirectional
Navigation system	Magnetic + RFID tags SLAM + Magnetic Dual navigation (optional)
Speed range	From 0.05 to 2 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) External charger
Environment	Indoor
Safety systems	2 x Safety PLC 2 x Safety laser for indoor environment 4 x Emergency stop button
Optional elements	M2M module + Connected Services External charger Safety bumpers
Handling system	Lifting table Simple or double conveyor
Fleet management system	SIGAT MultiAGV
Communication	WiFi Radio frequency system M2M
Connectivity	2 x USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connections

