



PLATFORM LINE > 1000

QuadBOT 2000

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Optimize your intralogistics and manufacturing flows up to 2000 kg with our smart, omnidirectional platform AGV.

Adaptable to any industrial sector, QuadBOT 2000 combines omnidirectional move capabilities compact dimensions, 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 2000 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	2000 kg
Lifting height	195 mm stroke
Dimensions (LxWxH)	1800 x 800 x 300 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 100 Ah
Charging system	Online charging system (brushes or induction) 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
Handling system	Lifting table Simple or double conveyor
Fleet management system	SIGAT MultiAGV
Communication	WiFi Radio frequency system M2M
Connectivity	2 x USB, 1 x Ethernet, 1 x HMI Through IT: Capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets

