

FLEXLEY MOVER

AMR P604



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

Adaptable to any industrial sector, AMR P604 combines omnidirectional move capabilities with very low height, which provides multipurpose application possibilities in all internal environments.

Equipped with the latest technologies, this model is easily configurable based on customer needs. Thanks to its lifting table, AMR P604 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 AMRs and your facilities.

Maximum payload	1500 kg
Lifting height	180 mm stroke
Dimensions (L×W×H)	1940 × 850 × 250 mm
Movement	Omnidirectional
Navigation system	Magnetic + RFID tags SLAM + Magnetic dual navigation (optional)
Speed range	From 0.05 to 1.5 m/s
Turning radius	0 mm (turn on the spot)*
Positioning accuracy	Up to ± 10 mm / 1.5°
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	1 × Safety PLC 2 × Safety laser for indoor environment 4 × Emergency stop button
Handling system	Lifting table
Fleet management system	SIGAT MultiAGV SIGAT PLC
Communication	WiFi Radio frequency system
Connectivity	2 × USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connections

* Turn on spot movement depends on the navigation technology and is limited to loads of less than 1000 kg

