

FLEXLEY MOVER

AMR P404



Maximum agility, flexibility and safety with our AMR P404.

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

AMR P404 is the perfect solution for intralogistics processes within Automotive, FMCG and Manufacturing sectors.

Agile

Excellent manoeuvrability, thanks to its omnidirectional technology, AMR P404 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 AMRs). 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 AMR P404 features a robust safety architecture that ensures trouble-free operation even in high traffic environments. Within the safety systems, it includes a safety PLC and two safety lasers that provide full coverage of the vehicle's horizontal perimeter.

Flexible

AMR P404 can be customized to transport a large variety of loads such as pallets (Pallet Mover), racks or containers.

Maximum payload	1000 kg
Lifting height	120 mm stroke
Dimensions (L×W×H)	1202 × 835 × 352 mm
Movement	Omnidirectional
Navigation system	QR codes
Speed range	From 0.05 to 1.8 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 2 × Emergency stop button
Handling system	Lifting table
Fleet management system	SIGAT 120
Communication	WiFi
Connectivity	2 × USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connections

