

FLEXLEY TUG

AMR T801

Maximize your productivity by automating the transportation of your goods up to 5 Tn.

With minimum dimensions, large capacity and great manoeuvrability, AMR T801 is a strong, easy, safe and flexible solution for horizontal heavy load transportation and order picking over long distances.

Strong

High towing capacity in high performance use.

Easy

Easy to set up, user-friendly interface and simplified maintenance.

Safe

Our AMRs are fully safety equipped.

Flexible

Multiple navigation systems, magnetic or SLAM. Easy configurable routes.

Towing capacity	3200 N
Maximum payload	5000 kg
Dimensions (L×W×H)	1221 × 695 × 762 mm
Movement	Unidirectional
Navigation system	Magnetic + RFID tags SLAM - Natural with predefined virtual path (optional)
Speed range	From 0.035 to 2 m/s*
Turning radius (without trolley)	1150 mm
Slope	Up to 2%
Positioning accuracy	Up to ± 10 mm
Manual movement	Control pad Wired remote control Clutch system (external tool - optional)
Battery	Li-Ion 24 V 120 Ah
Charging system	Online charging system (brushes) External charger
Environment	Indoor
Safety systems	1 × Safety PLC 1 × Safety laser for indoor environment 1 × Safety curtain laser** 4 × Emergency stop button
Optional elements	Bluespot, beacon & flashing light
Fleet management system	SIGAT MultiAGV
Communication	WiFi Radio frequency system
Connectivity	2 × USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connection

* Depends on navigation technology
** Not included in basic model

