

FLEXLEY TUG

AMR T412

Do it the easy way! AMR T412 is the perfect automation solution. Easy to install, easy to manage and easy to maintain.

This mobile robot performs logistic transportation in an industrial environment in a fully automatic and safe way. Our AMR T412 is a robust, reliable and well-established vehicle in the market. It passes the most rigorous validation checks, working in countless automatic logistical projects and processes with intensive use.

Featured by its simplicity, AMR T412 provides optimal performance which leads to high productivity, lower operating costs and time savings.

Robust

Reliable solution to transport up to 1200 N in intensive use (3 shifts 24/7).

Simple

Easy to integrate, ensuring great flexibility when organizing the industrial flows being automated.

Flexible

Quick adaptation to any changes in the layout.

Connected

Through real-time communication and by monitoring every vehicle of each unit or system.

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| Towing capacity | 1200 N |
| Maximum payload | 1200 kg |
| Dimensions (L×W×H) | 2410 × 520 × 370 mm |
| Movement | Bidirectional |
| Navigation system | Magnetic + RFID tags |
| Speed range | From 0.01 to 1.2 m/s |
| Turning radius | 1000 mm |
| Positioning accuracy | Up to ± 10 mm |
| Manual movement | Control pad Wireless remote control External tool - optional |
| Battery | Li-ion 24 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 |
| Optional elements | M2M module + Connected Services Extra I/O connector |
| Fleet management system | SIGAT MultiAGV SIGAT PLC |
| Communication | WiFi Radio frequency system M2M |
| Connectivity | 2 × HMI, WiFi; USB & Ethernet (optional) Through IT: capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets |

