

FLEXLEY TUG

# AMR T701



New cutting-edge AMR generation, compact, agile and connected. It enables flexible layouts and complex movements to optimize your operations more than ever.

Our AMR T701 incorporates new features, keeping the essence of our well-established mobile robots.

With great load capacity and reduced dimensions, this innovative vehicle is able to adapt to a wide variety of load carriers for the automation of logistic flows and provide an ergonomic solution in assembly lines.

Ultimate configurations and communication technologies for Industry 4.0 to offer accurate and collaborative autonomous productive operations with total safety thanks to superior safety measures.

### Compact

Reduced dimensions and low height, making them easily adaptable to the environment and different applications.

### Safe

Redundant 'safety PLC' and advanced configurations which ensure fully safe automatic operations.

### Agile

Increase your productivity thanks to its high speed and total manoeuvrability.

### Smart

Traceability through real-time communication and by monitoring every vehicle of each unit or system. Vehicles connected to your systems, allowing you control the AMRs and your facilities.

|                         |   |
|-------------------------|---|
| Towing capacity         | 800 N   |
| Maximum payload         | 2000 kg   |
| Dimensions (L×W×H)      | 1420 × 500 × 230 mm   |
| Movement                | Unidirectional  |
| Navigation system       | Magnetic + RFID tags  |
| Speed range             | From 0.01 to 1.2 m/s  |
| Turning radius          | 600 mm  |
| Positioning accuracy    | Up to ± 10 mm   |
| Manual movement         | Control pad<br>Wireless remote control<br>External tool - optional                                      |
| Battery                 | Li-Ion 48 V 40 Ah   |
| Charging system         | Online charging system (brushes)<br>External charger  |
| Environment             | Indoor  |
| Safety systems          | 1 × Safety PLC<br>1 × Safety laser for indoor environment<br>1 × Emergency stop button                  |
| Optional elements       | Extra I/O connector   |
| Fleet management system | SIGAT MultiAGV<br>SIGAT PLC   |
| Communication           | WiFi<br>Radio frequency system  |
| Connectivity            | 1 × HMI, WIFI; USB & Ethernet<br>Through IT: capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets |

