



MOUSE LINE

UniBOT 1200

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The perfect automation solution: easy to install, easy to manage and easy to maintain.

Our UniBOT 1200 performs logistic transportation in an industrial environment in a fully automatic and safe way.

These mobile robots are robust, reliable and well-established vehicles in the market. They pass the most rigorous validation checks, working in countless automatic logistical projects and processes with intensive use.

Featured by its proven performance, UniBOT 1200 provides optimal availability which leads to high productivity, lower operating costs and time savings.

- **ROBUST:** Reliable solution for transporting up to 600 N. UniBOT 1200's fast charging technology enables higher availability even in intensive use (3 shifts 24/7). Equipped with an advanced lithium battery, the robot's battery lifetime is increased fourfold and maintenance is reduced.
- **SIMPLE:** Our unique safety design integrates a safety PLC, a state-of-the-art safety laser and advanced safety control algorithms.
- **FLEXIBLE:** Easy to integrate, ensuring great flexibility when organizing the industrial flows being automated. The vehicle is designed to reach very low and high speeds to suit different applications with precise stopping accuracy.
- **CONNECTED:** Through real-time communication and by monitoring every vehicle of each unit or system.



Towing capacity	600 N
Maximum payload	1200 kg
Dimensions (LxWxH)	1700 x 520 x 370 mm
Movement	Unidirectional
Navigation system	Magnetic + RFID tags
Speed range	From 0.01 to 1.2 m/s
Turning radius	1150 mm
Positioning accuracy	Up to ± 10 mm
Manual movement	Control pad Clutch system
Battery	Li-Ion 24 V 40 Ah
Charging system	Online charging system (brushes) External charger
Environment	Indoor
Safety systems	2 x Safety PLC 1 x Safety laser for indoor environment 1 x Emergency stop button
Optional elements	M2M module + Connected Services Rear hook Extra I/O connector
Fleet management system	SIGAT MultiAGV
Communication	WiFi Radio frequency system M2M
Connectivity	1 x HMI, WIFI; USB & Ethernet (optional) Through IT: capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets

