

ZIEDER



ROBOTICS

THE MOBILE ROBOT RANGE

TOW TRACTOR T1000



REVOLUTIONIZING MATERIAL TRANSPORT

The Tow Tractor T1000 from Zieder Robotics is an innovative Autonomous Mobile Robot (AMR) designed to revolutionize material transport in industrial settings. Using sophisticated sensors, cameras, and artificial intelligence, the T1000 navigates and operates independently, dynamically understanding and reacting to its environment for unmatched adaptability and efficiency.

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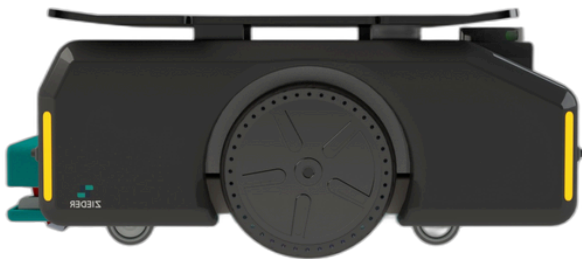


KEY FEATURES

- **Autonomous Navigation:** Navigates independently with advanced sensors and mapping technology.
- **High Payload Capacity:** Robust design efficiently transports heavy loads.
- **Safety:** Obstacle detection and collision avoidance ensure safe operation.
- **User-Friendly Interface:** Easy programming and customization for seamless integration.

BENEFITS

- **Increased Efficiency:** Automates material transport, reducing cycle times and enhancing operational efficiency.
- **Cost Savings:** Minimizes manual labor and optimizes resources, lowering labor costs and boosting profitability.
- **Manufacturing:** Streamlines material flow between production lines and storage areas.
- **Warehousing:** Enhances goods movement, order picking, and replenishment.
- **Logistics:** Improves supply chain operations and reduces lead times in logistics hubs and distribution centers.



TECHNICAL SPECIFICATIONS

Navigation Features:

- Obstacle Detection: Yes (TF)
- Collision Avoidance: Yes
- Emergency Stop: Yes
- Maximum Speed: 1.5 m/s

Navigation Technology:

- Navigation System: Nav 2
- Mapping Technology: SLAM

Power & Battery:

- Power Source: 230 V @50/60Hz
- Power Rating: 800 W
- Charging Time: 120 mins
- Operating Time: 180 mins
- Charger Type: Auto Charging Dock
- Powertrain Voltage: 24 V
- Current Rating: 20 ah
- Battery Type: Lithium-Ion
- Battery Life: 3 Years

Dimensions:

- Length: 570mm
- Width: 452mm
- Height: 240mm
- Weight: 50 kg

Payload Capacity:

- Towing Capacity: 1000kg
- Carrying Capacity: 250 kg

ABOUT US

At Zieder Robotics, which is a division of Zefere Navigation, we are passionate about helping businesses solve material movement challenges through cutting-edge automation solutions. With a focus on innovation, reliability, and customer satisfaction, we strive to equip businesses with advanced robotics technologies that enhance efficiency, productivity, and competitiveness.

CONTACT US

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