

Mylo Tunneling Mobile Robot

At just 7" tall, the Mylo tunnels under almost any customized cart



Engineered to tunnel under load handling frames, AutoGuide's low profile MYLO glides smoothly under a cart and automatically hitches via a programmable pin assembly. It then autonomously transports the load and unhitches before moving on to the next target.



Productive

AutoGuide's low profile mobile robots come standard with opportunity charging, which allows your operation to run 24/7 without downtime so vehicle batteries quickly charge during routine stops for tasks such as loading and unloading.



Quicker Lead Times

AutoGuide builds its MYLO mobile robots in its Georgetown, KY facility, for delivery in weeks instead of months. Customers can start increasing productivity and grow their bottom lines sooner.

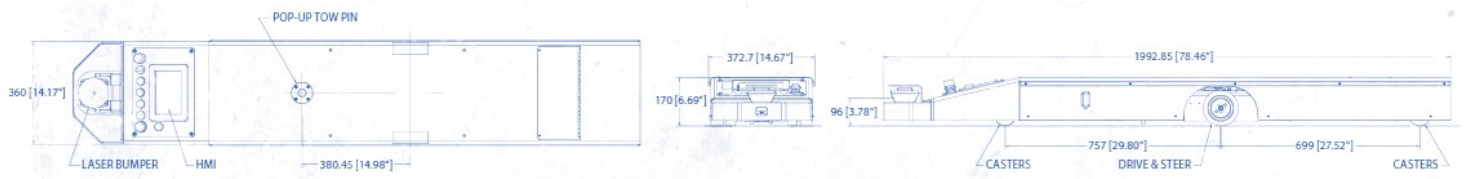


Low Maintenance

AutoGuide's MYLO mobile robots are outfitted with a variety of easy-to-maintain features, including individual circuit breakers for the drive motors, retractable cart engagement pin and RFID encoder.

KEY FEATURES

- Ability to program RFID directly from the vehicle
- Programmable routes for fast and easy setup and changes
- Weight Capacity up to 2000 kg (4,409.2 lbs)
- Optional Auxiliary input/output (I/O)
- 24-volt system with 28 AMP-hour batteries includes standard opportunity charging
- Color HMI screen



- Electrical System..... *24 VDC/28Ah/AGM Batteries/Opportunity Charging*
- Guidance Method..... *Magnetic Induction*
- Travel Direction..... *Forward Only*
- Maximum Drawbar..... *48 kgf*
- Maximum Speed..... *50 m/min*
- Travel Instruction Method..... *RFID/Multiple Route. Tags Can Be Programmed with Vehicle*
- Drive Type..... *Differential Steer/Brushless DC Motors/Electromagnetic Brakes*
- Cart Engagement Method..... *30mm Diameter Retractable Pin*
- Drive Unit Up/Down Method..... *Mechanical*
- Control Panel Display..... *HMI Color w/ Status, Event Logs, Route Programming on Vehicle, Troubleshooting Tools, Fault Display, and More*
- Wireless Communications..... *802.11/WiFi*

- Bumper..... *Laser Obstruction Sensor—Category 3*
- Lights..... *Flashing Red, Amber, Green*
- Safety Circuit..... *Safety Rated Relay Wired for E-Stop & Bumper*
- E-Stop..... *Button for External Use*
- Circuit Protection..... *Individual Circuit Breakers for: Main, Drive Motors, Pin, RFID*

- Minimum Turning Radius..... *610mm (2')*
- Overall AGV Weight (w/Battery)..... *250 kg (551 lbs)*

- Overall AGV Length..... *1993mm (78.46")*
- Overall AGV Width..... *360mm (14.17")*
- Overall AGV Height..... *170mm (6.69")*

- Slope..... *1%*
- Step..... *5mm (0.2") or less*
- Gap (crack)..... *20mm (0.8") or less*
- Waviness..... *10mm (0.4") or less*

- Temperature..... *0—40 degrees Celsius*
- Humidity..... *35% to 85% RH (no condensation)*
- Outdoor Use..... *Prohibited*

Made In The USA
 Phone Support
 Vehicle Maintenance Training Program
 Product Application Training Program
 Reduced Lead Times



Numerous custom cart options including integrated trailer with scissor lift



Easily accessible battery charging port



Programmable pin assembly for towing cart



User-friendly HMI with event logs & troubleshooting