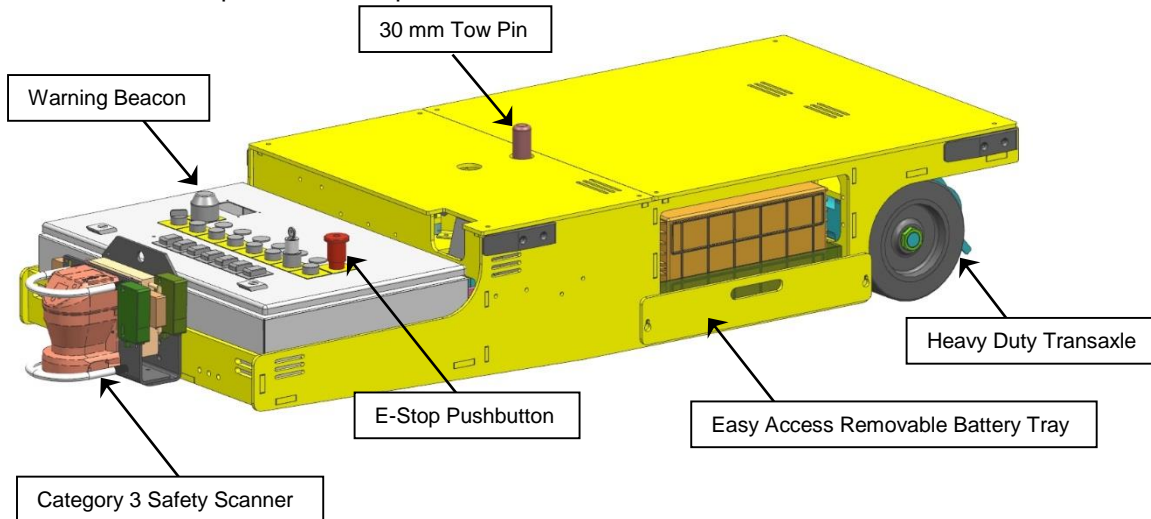


MOR-TECH HD2500 AUTOMATED GUIDED CART

The Mor-Tech model HD2500 automated guided cart offers advanced features and heavy duty construction. Built with ¼" interlocked and welded frame, high ratio heavy duty transaxle, and PLC controller with more expandable I/O options.



Specifications

- Tugging Capacity: Up to 3800 lbs. Based On Application*
- AGC Weight: 535 lbs.
- Minimum Speed: 8 fpm
- Maximum Speed: 150 fpm
- Ground Clearance: 25 mm
- Stopping Accuracy: +/- 5 mm
- Cross-Car Accuracy: +/- 6.5 mm
- Minimum Turn Radius: 36 inches @ 100 fpm
- Drive Voltage: 24 VDC
- Speed Control: Closed Loop
- Guidance: Magnetic Tape
- Scanner: Category 3
- Retractable 30 mm Tow Pin

Cart Controls

- Allen Bradley Micrologix PLC
- 22mm Operator Buttons For Common User Functions
- Emergency Stop Push Button
- Category 3 Safety Rated Laser Scanner With (16) Programmable Zones
- Diagnostics With (18) Standard Visible Fault Codes

- Battery Voltage Display
- RFID Floor Command Code System
- Remote Pendant Plug
- Optical 8In/8Out Data Coupler (Optional)
- Auxiliary Power and I/O Ports (Optional)
- Wireless Communication (Optional)

Guidance

- Magnetic Path Tape
- Dead Reckoning Capable
- Loss Of Tape Path Sensing
- On Floor Or Embeddable Path Capable

Drive & Steering

- 24VDC Differential Transaxle With Encoder
- Electronically Released Monitored Brake With Manual Override
- High Torque Stepper Motor Controlled Steering For Accurate And Responsive Navigation
- Unique Steering Shaft Allows Manual Steering And Pushing For Easy Recovery And Maintenance

*Please Consult Factory For application Assistance and Tow Capacity Requirements