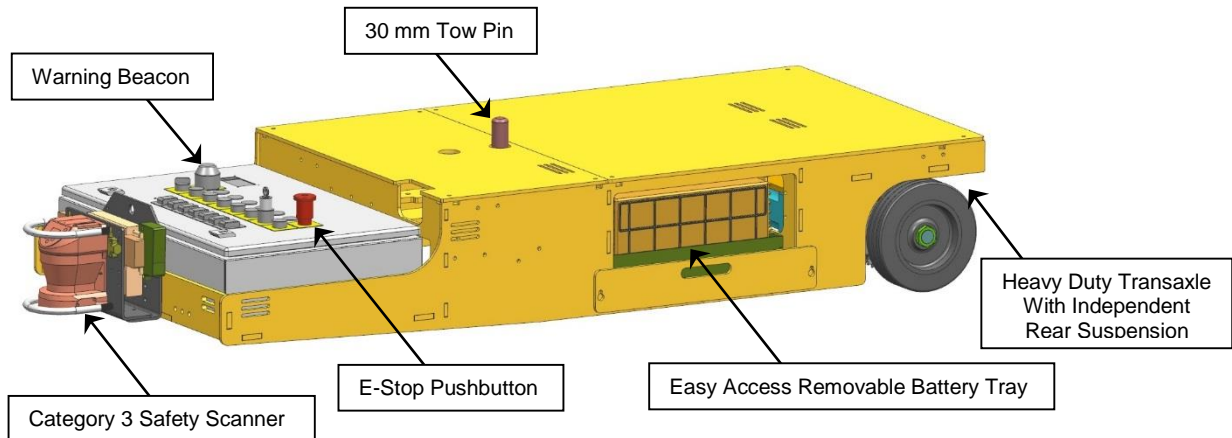


MOR-TECH HD4500 AUTOMATED GUIDED CART

The Mor-Tech model HD4500 automated guided cart has a tow capacity of 5000 lbs. Built similar to our popular model HD2500, the HD4500 offers advanced features and heavy duty construction. Built with ¼" interlocked and welded frame, high ratio transaxle, RFID floor command, Class 3 safety scanner, and also includes an independent rear suspension and geared reduction for heavier loads.



Specifications

- Tugging Capacity: Up to 5000 lbs. Based on Application*
- AGC Weight: 625 lbs.
- Dimensions 1930 mm long x 686 mm wide x 317 mm tall
- Minimum Speed: 4 fpm
- Maximum Speed: 75 fpm
- Ground Clearance: 25 mm
- Stopping Accuracy: +/- 3 mm
- Cross-Car Accuracy: +/- 6.5 mm
- Minimum Turn Radius: 36 inches @ 60 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
- Independent Rear Suspension
- 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