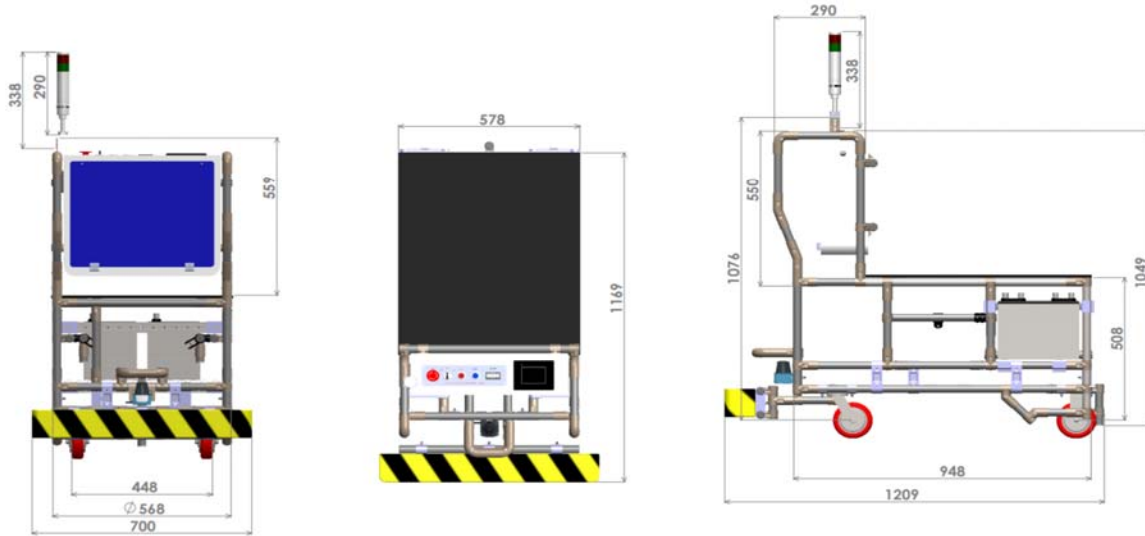




## AGV-T (Towing) Technical Data Sheet



<b>Towing Capacity</b>	1000 kg / 2200 lbs. 1500 kg / 3300 lbs. (Optional)	<b>HMI Display</b>	4.3" Color Touch Screen Display Operate, Status, Configure, Command, Alarm History, etc
<b>Live Load Capacity</b>	700 kg / 1500 lbs. 1000 kg / 2200 lbs. (Optional)	<b>Support Multi Language</b>	English, Spanish, Portuguese
<b>Travel Speed</b>	45 mpm / 147 fpm (Unloaded) (Changeable by command)	<b>Safety Devices</b>	Lidar 2D Laser scan sensor (Sick) Bumper Sensor, Emergency Switch Buzzer Signal, Tower lamp
<b>Guidance System</b>	Magnetic Guide Sensor (N pole detect, 8 bit resolution)	<b>Protective Circuit</b>	Power and Motor over-current protection (Protected by CP and motor drive)
<b>Control System</b>	PLC with HMI (Omron)	<b>Battery</b>	24V 75 AH (Sealed AGM 2 battery) 10 hours Cycle Time Low Voltage check Alarm system
<b>Drive Type</b>	Dual differential drive wheels (100W * 2)	<b>Battery Charger</b>	24V 12.5A (Charging Time up to 6 hours) Protection for Short circuit, over volt, Temp.
<b>Drive Motor</b>	100W BLDC motor (High efficiency and long life time) Electric Brake System	<b>Manual Control</b>	HMI Touch Control (out of the Lane )
<b>Stop accuracy</b>	± 10mm (0.5 inch)	<b>Additional Options</b>	RF Remote Control for RUN / STOP Head Light (Blue, White) for Safety Loading Conveyor System
<b>Command System</b>	RFID Card (Size as Name Card ) 32 variable Command * 100ea	<b>Communication (Optional)</b>	WIFI Communication with TCS (Traffic Control System) or other Equipment
<b>Turn Radius</b>	Min 600mm / 2ft	<b>Traffic Control system (Optional)</b>	Crossway Control, Monitoring, AGV Control, Data Transfer, Route Program, AGV Call Mobile, Computer Remote Access, Internet Online Service
<b>Wheel Lift System</b>	Automatic motor lifter System		

- Up to 100 SMART Route Programming
- Up to 100 RFID Command Registering
- Up to 30 Multi-Travel Function Command
  
- Simplicity with One Hand Touch Screen
- Manual Control Travel for Non-Guided Track
- RF Remote Controller for Start and Stop (Optional)
- AGV battery status(%) Monitoring
- AGV Traveling Status Monitoring
- Alarm History Tracking System
  
- AGV Fine-tuning adjustment according to floor and capacity condition.
- Multi Language Support(English, Spanish, Portuguese)
  
- 3 Safety System (Notification Tower Light, Laser Lidar sensor, Bumper Collision sensor)
- Selective and programmable Detection Area (4 area + Off)
- Head Light for dark area(Optional)
  
- Cost effective Installation and Replace with Magnetic Guidance system
- Durable Protection Film for Magnetic Guide Tape at high traffic
- Easy RFID Command Card Register and Installation
  
- Motorized Wheel Lifter for manual move
- Convenient Body-Modification applicable with MRS
- Unlimited Battery Options with Customizable Battery-cage modification
- Easy Battery Exchange and Re-charge process.
  
- Efficient and Convenient WIFI AGV Traffic control communication system (Optional)