



SPECIFICATIONS

Towing Capacity	Up to 10,000 lbs. (4,536 kg)
Travel Speed	Variable up to 4 mph (1.8 m/sec) at Full Load
LiDAR	Ultra-High Density, Up to 250,000 Measurements/sec, Resolution: 1 mm, 0.014 degrees
Path Indicator	Dual LEDs assist operator in the returning vehicle to Auto mode at any point on the path
Trailer Hitch	Standard 1" or 2.5" ID Pintle hitch options
Trailer Facilities	Power: SB 175, 24 VDC, 75 amp; E-Stop 8-pin Bayonet; Communications: Ethernet
Wireless Communications	Configurable 2.4 GHz or 5 GHz Wi-Fi
Hybrid Operation	Operator platform with pressure sensitive mat and Steering Wheel, Mode switch (Off/Auto/Manual)
System Status Indicators	Dual Light Poles (Green, Yellow, Red), flashing LEDs, and 80 dB Horn
Start/Reset Buttons	Green w/status light
Onboard Operator Interface	10 in. Touchscreen GUI, Main Status Screen (Operating Mode, Location, Destination, Navigation Status, Communication State, Battery Level), Manual Destination Select Screen, Alarm Screen, Maintenance and Diagnostics Screens
Grade	Up to 4%, Full Load/Full Speed
Drive	AC Servo with maintenance-free sealed gear train
Steering	AC Servo with maintenance-free sealed gear train
Drive Wheel	10 in. diameter, Polyurethane
Chassis Wheels	6 in. diameter, Polyurethane
Brakes	Regenerative Braking with fail-safe emergency disc brake
Turning Radius	61 in. Outside Radius
Gross Weight w/Battery	3,100 lbs. (1,400 kg)
Battery	24 VDC, 600 Amp-hr. capacity
Battery Connector	SB 350A-600V, Gray
Battery Compartment	31" L x 14.75" W x 35" H
Battery Charging	24 VDC, up to 200 amp.
Safety Standards	ANSI/ITSDF B56.5-2012 Compliance, Full Load/Full Speed
Collision Avoidance	Guarded non-contact Laser Scanners Front (category 3 compliant), 270 degree scan coverage each w/Smart Zones based on current vehicle speed and direction
E-Stops	Category 3 Safety Circuitry with Locking Mushroom Buttons
Environment	Operating Temperature 32-104° F (0-33° C), Relative Humidity <85% (non-condensing)
Floor Conditions	Free from oils, moisture, or debris; gaps or steps < 0.25 in. (6 mm)