



## SPECIFICATIONS

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