

Atlas Tow





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About The AGV

Atlas Tow AGV is autonomously controlled with natural navigation software. It is an electric autonomous vehicle that can tow vertical and horizontal loads placed on transport carts. Designed to tow loads up to 1000 kg in suitable sizes. It offers both automatic and manual locking options for attaching transport carts to the AGV. Vehicle has a tri-cycle drive structure and can make angled turns, with a minimum turning radius of 2 meters on its own. The towing carts attached to the back will increase the turning radius. The AGV has two charging options: opportunity charging and battery swapping.

Technical Data



Atlas Tow – Technical Specs

Vehicle Type	Tow
Drive Type	Electrical
Navigation Type	Natural Navigation
Carrying Capacity	600 kg
Vehicle Dimensions (L x W x H)	1417 x 954 x 876 mm
Vehicle Weight	420 kg
Max Speed Forward / Reverse	60 / 60 m/dk
Max Speed Loaded / Unloaded	60 / 60 m/dk
Position Accuracy	± 10 mm
Safety Level	PLd, Category: 3
Battery Type	TPPL – Silica Gel
Network	Wi-Fi or 4.5G
Battery Voltage / Capacity	24 (V) / 185 - 166 (Ah)



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Safety Information

The safety area scanners have two (2) protection zones:

1. **Warning Zone (Yellow zone):** If any obstacle enters the zone, the device starts to slow down, reducing its speed to 0.3 m/s.
2. **Protection Zone (Red zone):** If any obstacle enters the zone, the device stops.

