

# Atlas Fork





## Atlas Fork

### About The AGV

This The Atlas Fork AGV is autonomously controlled with natural navigation software. It is an electric autonomous vehicle capable of transporting vertical and horizontal loads on pallets or other transport containers with fork entry gaps. Designed to carry loads up to 1000 kg in suitable sizes and for transfer between different points, its forks can lift up to a maximum of 150 mm off the ground. The autonomous vehicle has a tri-cycle drive structure, with 1 steering wheel and 2 stabilizer wheels. The vehicle can make angled turns. The AGV is charged via opportunity charging. The AGV can be charged via opportunity charging.

### Technical Data



#### Atlas Carry – Technical Specs

Vehicle Type	Carry
Drive Type	Electrical
Usage Type	Natural Navigation
Carrying Capacity	1000 kg
Vehicle Dimensions (L x W x H)	1887 x 986 x 2251 mm
Vehicle Weight	660 kg
Max Travel Speed Forward / Reverse	60 / 60 m/dk
Max Travel Speed Loaded / Unloaded	60 / 60 m/dk
Position Accuracy	± 10 mm
Brake Type	Electromagnetic
Safety Level	PLd, Category: 3
Battery Type	TPPL
Network	Wi-Fi or 4.5G
Battery Voltage / Capacity	24 (V) / 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.

