



briNgbot

Autonomous Forked Vehicle

briNgbot is an autonomous forklift vehicle designed for use in manufacturing and intralogistics environments where heavy loads must be handled reliably. It is built to operate in demanding industrial settings, delivering stable and predictable performance.

The vehicle is intended for applications traditionally served by manual fork trucks, enabling autonomous handling of palletised goods within industrial operations.

Typical briNgbot configurations include:

- Forked pallet handling vehicle
- Heavy-duty load transfer platform
- Stillage and load carrier transport
- Autonomous fork truck replacement

Applications include:

- Manufacturing and assembly environments
- Warehouse and intralogistics operations
- Line-side pallet supply and removal
- Inter-process transport of palletised goods

Autonomous GO enables manufacturers to deploy autonomous vehicles on a flexible pay-by-the-hour basis, with no CapEx, no installation fees, and no ongoing maintenance or licence costs. You simply pay for the hours the robot works, with a risk-free model that supports rapid trials and testing and delivers ROI within the first hour.



Specification

Dimensions Base Unit	
Length x Width x Height	1640 x 830 x 2030mm
Ground clearance	40mm
Weight	750kg
Drive type	Multiple drive and steer wheels
Payload	
Capacity	1250kg
Power	
Battery	Lithium Ion 48V, Ah
Charge type	Inductive plate
Run Time	8hrs
Speed and Performance	
Max speed (Forward and Reverse)	Up to 2m/s
Max acceleration/deceleration	0.5m/s/s
Positional Accuracy (Travel)	+/- 10mm
Positional Accuracy (Docking)	+/- 10mm
Turning circle	0mm radius (turn on the spot)
Environment	
Temp Range	Operating Temperature: 0° C to 40° C
Communications	
Wi-Fi	Router: 2.4 GHz and 5 GHz, 2 external antennas
Navigation	
	Natural Feature Navigation, reflector-based for higher accuracy (optional)
Safety	
	Integrated safety features, emergency stop buttons and obstacle detection sensors
Construction	
Chassis	Steel
Certification	
	UKCA

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