



THE PERFECT AMR FOR WAREHOUSE & FACTORY LOGISTICS

- > **PRECISION NAVIGATION**
- > **100 KG PAYLOAD**
- > **OBSTACLE AVOIDANCE**
- > **EASY MULTI-ROBOT NAVIGATION**
- > **SEAMLESS SYSTEMS INTEGRATION**
- > **HUGE PRODUCTIVITY GAINS**

The CARTI 100 is an industrial-grade autonomous mobile robot that is built to power scalable AMR automation across warehouses, factories, and other industrial spaces.

Engineered for tight spaces and complex workflows, it moves with speed and precision - eliminating the inefficiencies of the "stop-reroute-start" cycle common in traditional AGV systems. Continuous operation is maintained through real-time obstacle detection, collision avoidance, and intelligent rerouting. The burden of manual handling is further reduced with Carti's payload capacity of up to 100 kg, freeing your team up to focus on higher-value tasks.

Carti integrates seamlessly with BOWE IQ software to automate workflows, slash errors, and boost efficiency - from real-time inventory and asset tracking to automated assembly-line parts delivery and high-speed picking & sorting.

CARTI 100 + BOWE IQ

With seamless compatibility across a wide range of third-party solutions, Carti can connect effortlessly with your BOWE IQ software system in multiple ways, helping to automate tasks, reduce errors, and improve efficiency. Here are just a few examples.



PICK/PUT-TO-LIGHT

With adjustable shelving and adaptive, precision navigation, Carti is the perfect companion for a BOWE IQ Pick/Put-to-Light (PTL) system. With BOWE IQ software working intelligently in the background to optimise workflows in real time, Carti works seamlessly alongside operators to reduce errors and accelerate fulfilment.



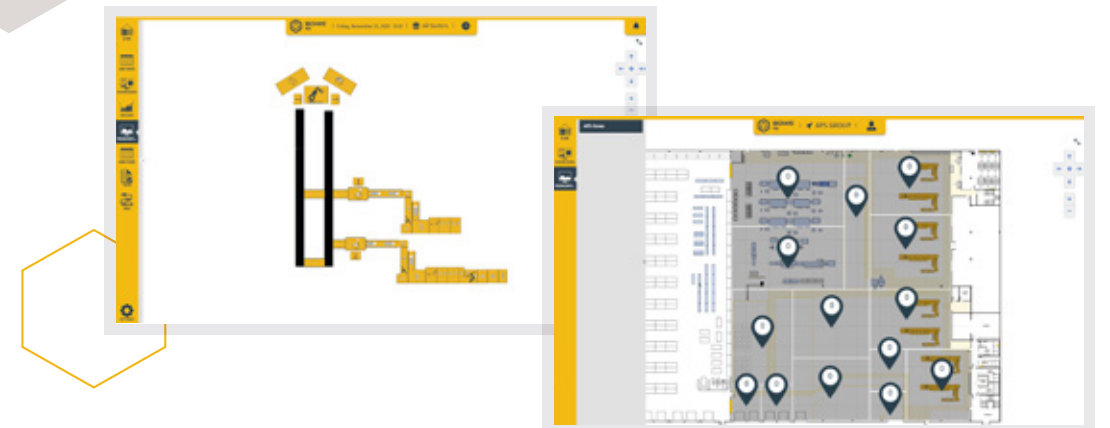
REAL-TIME INVENTORY MANAGEMENT

Integrate your CARTI 100 fleet into BOWE IQ inventory management software for the most efficient movement of items from A to B and real-time stock visibility across your entire floor.



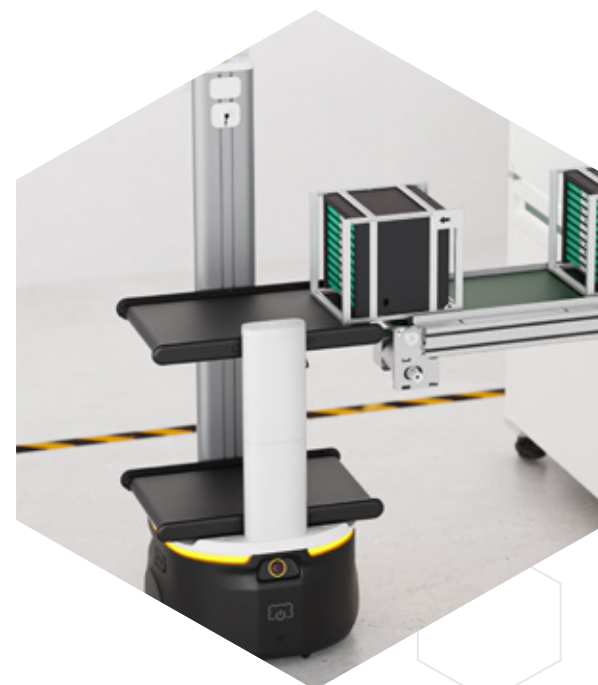
STREAMLINED ASSEMBLY

Keep assembly lines moving with automated parts delivery direct to the workstation using Carti. Add BOWE IQ into the mix to gain live job tracking, automated alerts, and real-time visibility to drive even greater productivity.



AUTOMATED INTRALOGISTICS

Seamlessly connect CARTI 100 to your conveyor and sorting systems for end-to-end automation. With BOWE IQ software added, data guides every decision, conveyors stay perfectly sync, and your CARTI 100 fleet and sorters operate at peak efficiency. We can even supply conveyor systems and automated sorters from BOWE INTRALOGISTICS.



THE WORLD'S #1 MULTI-ROBOT NAVIGATION

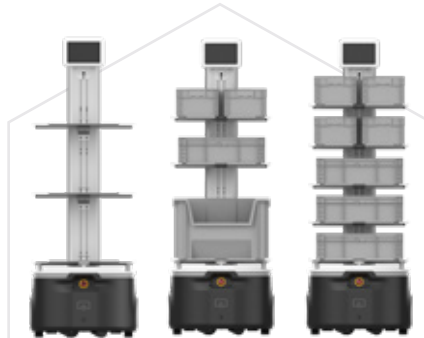
With a cutting-edge operating system that synchronises multiple robots and resolves deadlocks instantly, factories and warehouses can easily and safely manage multiple robots.

BUILT FOR EVERY WORKFLOW

Carti is designed to adapt to diverse operational demands. Highly customisable and offering a wide range of integrations, it fits seamlessly into existing workflows. Carti can also effortlessly handle heavy payloads of up to 100 kg.



Conveyor model



Adjustable trays



Advanced signal lighting



Auto-Charge:
Carti returns to charging station when battery is low



Call button:
Summons with a simple press



Dashboard:
Instant access to robot status and performance



Automatic doors and elevator integration

SPECIFICATIONS

Dimensions:

54 x 56 x 150 cm (21 x 22 x 59 inches)

Shelf:

3 (expandable with additional purchases)

Weight:

60 kg (121 lbs)

Payload Capacity:

100 kg (220 lbs)

Battery Life:

9-11 hours depending on speed and payload

Charging:

Auto-charge or wired charger

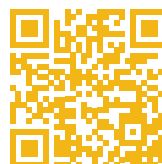


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