

GoCart™

Autonomous Transport System

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Specification

Dimension	865(L) x 640(W) x 1,150(H) mm
Loading Area	700(L) X 560(W) X 1300(H) mm
Weight	125kg (275.6lb)
Max Payload	120kg (264.5lb)
Max Speed	1.0m/s
Traversable Threshold	20mm
Traversable gap	30mm
Slope	8° degree
Display	10.1" Touch Screen
Operating Time	8 hours + (3 hours charging time)
Laser sensors	4 Lidar sensors
Automatic loading	Roller conveyor as an option



Where?

Applications

Factory & Warehouses

- Sub assembly parts and package delivery
- High payload and high volume item delivery
- Efficient delivery by interfacing with MES system

Hospital

- Sterilized goods, operation tools, IVs, medical wastes delivery
- Release staffs from mundane works and focus on patient care

Why GoCart?

Agile

- Ideal for both narrow and wide environment like airports and shopping malls

Easy Installation

- No need for infrastructure change
- Reduce overall installation time compared to traditional AGV

Safe

- High obstacle recognition capability via multi-sensor layers
- Verified through a series of field tests

Compatibility

- Customize containers for various applications

IoT connectivity

- Smart interface with auto doors and elevators



FMS (Fleet Management System)

- Integrated control program to control elevator/auto door/fire alarm/multi-robot control
- Can provide the interface with existing control system
- Resource monitoring of all connected devices and smart scheduling
- Restricted area/emergency zone setting and management