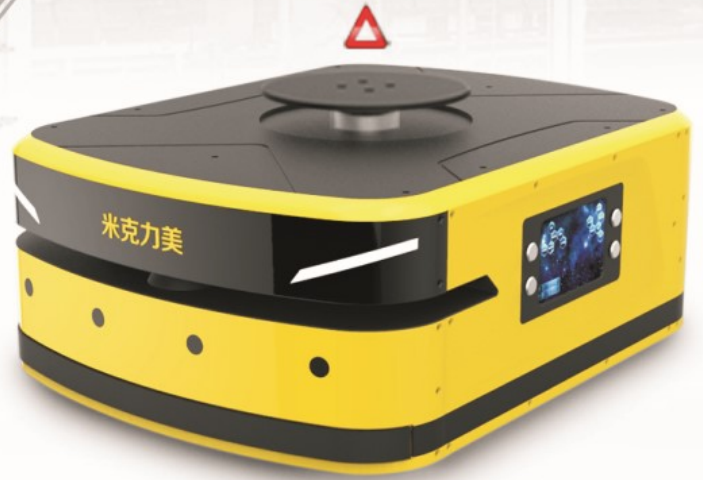


Two effects in one

Lifting & Transportation, High Speed & Intelligence

BW-500 ▶



Product Description

The BW-500 is one of Mircolomay lifting type laser navigation AGV which suitable for the transportation industry such as factory, logistics and intelligent warehouse, and it supports application development.

Firstly, BW-500 AGV lurks to the bottom of the rack/shelf, lifts it up and carries to the destination, to help factory production line achieve autonomous material transfer, which significantly improves production efficiency, reduce manpower demand, and improve the level of information and intelligence. This AGV can identify the location of the aisle, elevator and workshop, plan path and construct real-time map by laser scan for automatic navigation. It is the first AGV that solves map recognition across floor, and it also supports 360° rotation, autonomous positioning and navigation while driving. It integrates lifting, transportation, high speed and intelligence into one, which highly simplifies the transportation and sorting work, creating an unprecedented efficient and flexible warehousing operation mode.

The BW-500 is ready to use out of box and does not require any construction and peripheral equipment. It adopts Windows intelligent interactive system, which allows users to operate easily without training, and is designed with open ports and third-party commands for easy integration. It also provides many optional user-friendly features such as voice, remote calling etc.



Product Specification

Guide Method	Laser navigation (Trackless navigation)
Driving Method	Integrated differential driving
Load Capacity	500KG (1000KG for customizing)
Product Size	910mm×700mm×360mm
Driving speed	100m/min (Stepless speed)
Minimum turning radius	0mm (pivot steering)
Stop accuracy	±5mm
Continuous working time	> 24 hours (Intelligent automatic charging)
Security features	Mechanical anti-collision; Close range photoelectric anti-collision; Laser obstacle sensor; Emergency switch



I-SO industry robot specialist