

## DZ-80 Trackless navigation AGV

Smart in chip, sharp in appearance

Exclusive trackless navigation technology,  
intelligent path planning



### Product Description

The DZ-80 is China's first trackless laser navigation AGV which specially designed for the transportation industry such as factory and logistics, and it supports application development.

The DZ-80 can automatically walk along the set route and dock with the production line, from raw material warehouse to production line, from production line to finished product warehouse etc. It can load and unload materials automatically which is ideally used to build unmanned automatic production workshop, it greatly improves the production efficiency and automated production level. It adopts the industry-leading technology, can automatically identify the location of the aisle and site, construct virtual maps and planning paths, autonomous navigation & positioning on the move, with high positioning accuracy, strong practicality and flexible transportation etc. It is the only AGV in the world that solves map recognition across floor and supports 360° rotation.

The DZ-80 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	200KG
Product Size	780mm×560mm×280mm
Driving speed	150m/min (Stepless speed)
Minimum turning radius	0mm (pivot steering)
Stop accuracy	±5mm
Continuous working time	> 32 hours (Intelligent automatic charging)
Security features	Mechanical anti-collision; Close range photoelectric anti-collision; Laser obstacle sensor; Emergency switch



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