



# SMT-201

SMT dedicated laser AGV



## Product Description

The SMT-201 is a trackless laser navigation AGV which specially designed for high precision electronic processing applications such as SMT workshop, and it supports application development.

SMT-201 AGV can flexibly and accurately complete input and output materials with different heights of equipment in factory, which helps to achieves high-speed logistic operation from semi-finished product to finished product line and from finished product to automatic test, enables the whole production process unmanned, and fundamentally improves the enterprise production efficiency. SMT-201 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, featuring high positioning accuracy, strong practicality and flexible transportation etc.

The SMT-201 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	100KG (Customizable)
Product Size	930mm×700mm×1230mm
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



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