



Product Consultation / Quotation Consultation

Address : Motion Device Inc.
3F, 28-30, Gajangsaneopdong-ro, Osan-si, Gyeonggi-do,
18103 Republic of Korea

Inquiry : T. +82-70-4363-0315 E. hgkim@t-robotics.co.kr

www.motion-device.com

Logistic Robot Developed In Korean Technology

MDA Series AGV



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MDA-500

MDA-1000



MDA-500

Product Specification

Weight	160 Kg
Payload	500 Kg
Dimension	920 mm(L), 685 mm(W), 270 mm(H)
Drive Mode	2 Wheel Differential Drive
Max. Speed	1.2 m/s
Lift Height	60 mm

The **MDA-500** transforms the warehouse operation, which relied on manpower to process small batch orders of large quantities, to the GTP(Good to Person) operation in which racks loaded with orders are transported to pickers.

This kind of warehouse operation dramatically lowers the dependence on manpower, resulting in reduction of operating costs, improvement of productivity, and prevention of human error.

MDA-1000

Product Specification

Weight	360 Kg
Payload	1,000 Kg
Dimension	1,400 mm(L), 1,000 mm(W), 340 mm(H)
Drive Mode	2 Wheel Differential Drive
Max. Speed	1.2 m/s
Lift Height	60 mm

The **MDA-1000** is optimized for pallet transport. If necessary, the data matrix guide can be changed to a magnetic spot guide, etc., and it can be used in all warehouses and production plants that transport pallets.

We propose the introduction of MDA-1000 to warehouses and production plants that handle repetitive horizontal transfer of pallets.

· MDA Series AGV ·



ACS(AGV Control System)

ACS is a control software that efficiently controls dozens or hundreds of AGVs put into a warehouse without collisions or bottlenecks.



Load Balancing Mechanism

A load balancing mechanism is implemented in the AGV to ensure that the grip of all wheels is maintained even if there is a problem with the flatness of the floor on which the AGV drives.



Easy Maintenance

Easy maintenance is a very important consideration when selecting a logistics AGV that should be operated for a long time without failure.



Lift & Rotation Mechanism

It has durability and economy by realizing Lift & Rotation through a mechanism using a standard reducer.



High Speed Automatic Charging

Adopting a safe and fast-charging lithium-ion battery, fast charging within 10 minutes enables continuous operation for more than 2 hours.