

Introducing the HD-1500. Our Strongest Mobile Robot.

OMRON introduces the HD-1500, our newest and strongest mobile robot.

The HD-1500 boasts a payload capacity of 1,500 kg, and allows customers to load and transport the heaviest of objects. Designed for industrial manufacturing, reduce the need for forklifts and do more with less equipment.

Key Features

- 1,500 kg payload capacity.
- Based on the same proven technology used in our LD series.
- 360° safety coverage with LiDAR technology.
- 35 minutes for full battery charge.
- Sturdier metal skins withstand heavier impacts and more demanding tasks.

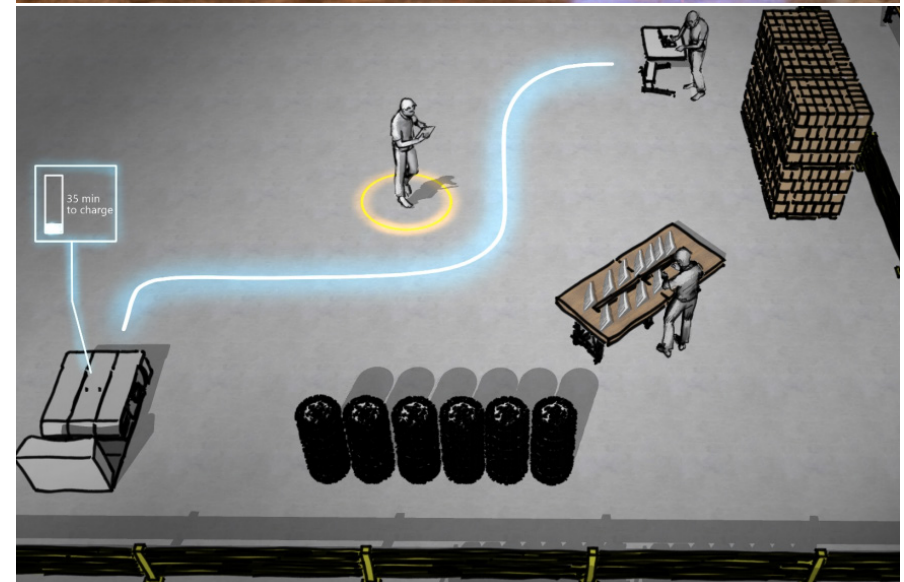
Automate new jobs.

The higher payload capacity allows customers to automate new tasks that were not previously possible, such as the transport of pallet-size loads, engine blocks, and other heavy goods and equipment. The HD-1500 can also automate tasks that are traditionally completed with forklifts, reducing the risk of injury.

The most customizable mobile solution for your factory.

OMRON allows customers more options in terms of customizing a mobile solution, which now includes incorporating the HD-1500, giving customers more choice in developing a customized automated solution. The HD-1500 can be used to create a solution that best meets the needs of every manufacturer. The HD-1500 also takes advantage of OMRON's ability to customize the fleet with accessories that improve performance, such as HAPS and LiDAR.

With the industry-leading Fleet Manager, OMRON mobile fleets can be more diverse and still be controlled through the same system, allowing for a completely automated solution.



Parameter	Value
Width	1195 mm
Length	1696 mm
Height	370 mm
Vehicle Weight	585 kg
Payload	1500 kg
Speed	1.8 m/sec
Run Time	9 hours (fully loaded) 12.5 hours (unloaded)

Designed to meet the industry's latest requirements, our mobile robots interact with people to promote a collaborative, safe working environment.

Safety Features

The HD-1500 offers the following built-in safety features.

- 360° safety lasers.
- Emergency stops (4 on platform, 1 on operator panel)
- Audio warnings.
- LED visual warnings.
- Safety scanning lasers.
- Obstacle avoidance.



OMRON Corporation Industrial Automation Company
Kyoto, JAPAN

Contact: www.ia.omron.com

Regional Headquarters

OMRON EUROPE B.V.
Wegalaan 67-69, 2132 JD Hoofddorp
The Netherlands
Tel: (31)2356-81-300/Fax: (31)2356-81-388

OMRON ASIA PACIFIC PTE. LTD.
No. 438A Alexandra Road # 05-05/08 (Lobby 2),
Alexandra Technopark,
Singapore 119967
Tel: (65) 6835-3011/Fax: (65) 6835-2711

OMRON ELECTRONICS LLC
2895 Greenspoint Parkway, Suite 200 Hoffman Estates,
IL 60169 U.S.A.
Tel: (1) 847-843-7900/Fax: (1) 847-843-7787

OMRON ROBOTICS AND SAFETY TECHNOLOGIES, INC.
4225 Hacienda Dr., Pleasanton, CA 94588 U.S.A.
Tel: (1) 925-245-3400/Fax: (1) 925-960-0590

OMRON (CHINA) CO., LTD.
Room 2211, Bank of China Tower, 200 Yin Cheng Zhong Road,
PuDong New Area, Shanghai, 200120, China
Tel: (86) 21-5037-2222/Fax: (86) 21-5037-2200

Authorized Distributor:

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