

Meet the strongest member of the LD family.

OMRON introduces the LD-250, the latest addition to our LD series of autonomous mobile robots.

The LD-250 boasts a payload capacity of 250 kg, and is compatible with most other LD accessories. The LD-250 allows customers to load larger and heavier payloads, making fewer trips with heavier batches, ultimately increasing return on investment. With the LD-250 in your fleet, you can do more with less equipment.

Key features:

- 250 kg payload capacity.
- Based on the same proven technology used in our LD series.
- Tougher metal skins endure the toughest jobs in industrial environments.
- Perfect for small but heavy loads or lighter but bulky loads.

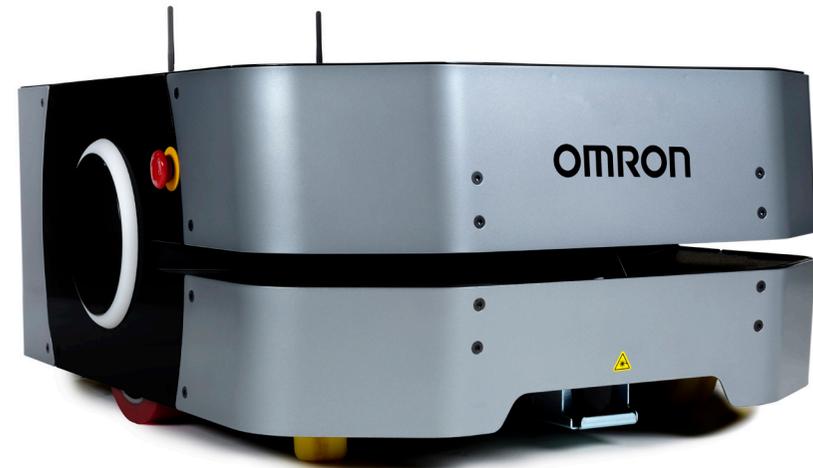
More options for your mobile fleet.

OMRON doesn't just supply robots; it provides total automation solutions. For automated material handling, this means optimizing fleet performance through our industry-leading Fleet Manager. With the LD-250, OMRON mobile fleets can be more diverse and still be controlled through the same system.

The most customizable mobile solution for your factory.

OMRON allows customers more options in terms of customizing autonomous material transportation systems. In addition to cart transporters, conveyor tops, and other potential integrations, the LD-250 can be used to create a solution that best meets your specific needs.

Customers can also integrate the LD-250 and an OMRON TM collaborative robot to build a mobile manipulator, and take advantage of accessories that improve performance, such as our high accuracy positioning system (HAPS) and side lasers.



Parameter	Value (Approximate)
Width	718 mm
Length	969 mm
Height	383 mm
Payload	250 kg
Speed	1.2 m/s
Run Time (unloaded)	13 hours
Run Time (loaded)	10 hours



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

Safety Features

- Avoids static and moving obstacles
- Additional E-stops easily added
- Complies with ISO EN1525, JIS D6802 and ANSI B56.5 safety standards

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