

OMRON

The New LD Series

Built for what's next.

Manufacturing and logistics operations face rising costs, labor shortages, and safety risks that aren't going away. Your autonomous mobile robots shouldn't just keep up. They should move you forward.




Meet the All-New LD-150 and LD-300


These autonomous mobile robots (AMRs) are built to move more material per run, support continuous operation, and navigate today's most complex factory layouts.


	LD-150	LD-300
Payload	150 kg	300 kg
Dimensions	500 W x 700 L x 320 H mm	580 W x 800 L x 320 H mm
Safety scanner field of view	240° Rear FOV accessory available in 2027	360°


Performance Snapshot

Experience powerful benefits in a smaller package, with up to:


<30 min
charge time


2.3x
faster speed

2.5x

higher payload
capacity

More than

2x
the uptime ratio

Solution-Built. Application-Ready.

The all-new LD Series is compatible with a wide range of top modules and accessories to support more applications from day one.



Cart toppers



Conveyors



MoMas



Lifts



Benefits Your Production Operation Can Count On

Safety that never slows you down

Certified to ISO 3691-4:2023 — the strictest safety standards in the industry.

Compact design, maximum flexibility

The LD-150 and LD-300 navigate aisles as narrow as 1 meter.

More capability, no disruptions

Runs on OMRON's Fleet Operations Workspace (FLOW) Core proven fleet management software.

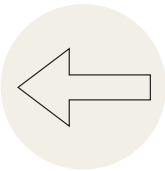
No matter which AMR you choose, both provide the following benefits:



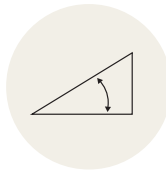
Wireless charging



ISO 3691-4:2023 compliance



Backward compatibility



5° grade ramp support

Why OMRON?

OMRON Robotics solves critical manufacturing challenges with a powerful combination of innovative and reliable robots and proven, intuitive software. We deliver scalable solutions that improve employee safety, productivity, and efficiency.

Backed by OMRON's decades of expertise, world-class quality, and extensive global support network, the all-new LD Series isn't just designed to deliver. It's built for what's next.



Discover the New LD Series Today.

Scan the QR code or visit robotics.omron.com/new-LD-series for more information.

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