

## Expand Material-Handling Applications with OMRON's LD-250 ESD mobile robot.

OMRON has introduced the LD-250 ESD mobile robot to provide protection for your Electrostatic Discharge Sensitive (ESDS) products.

The LD-250 ESD mobile robot boasts a payload of 250 kg, and allows customers to perform challenging tasks with ease. The ESD robot is designed for complex production environments allowing you to expand your automated material-handling applications while staying protected.

Key features:

- 250 kg payload capacity.
- 100% compatible with OMRON's existing standard LD-250 autonomous mobile robot.
- Joint protection for your "Electrostatic Discharge Sensitive (ESDS)" products and the LD-250 robot.

### The most protective mobile solution for your factory.

The LD-250 ESD mobile robot offers an exceptionally high level of safety due to its intuitive design. The ESD skins create a protective shield around the robot that not only protect your investment, but they also safely dissipate static energy to the ground. With the LD-250 ESD mobile robot, OMRON provides a safe solution for handling static sensitive components.

### More options than ever before.

OMRON has taken our standard LD-250 mobile robot to the next level by appealing to a variety of applications allowing for more productivity within the workplace. The product handling of static sensitive devices helps to reduce material costs, while freeing human resources for other tasks that maximize productivity.



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 IEC 61340-5-1 as static controlled surfaces with  $R_g < 1 \times 10^9$

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