OMRON

Meet the

OL Series Autonomous Mobile Robot

OL-450S2 | OL-450S3

OMRON's innovative omni-directional OL-450S is a complete AMR solution - no toppers or customization required. Its low-profile design, impressive lifting capacity, and advanced safety features make the OL-450S a versatile solution for a wide range of applications.



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Speed 1.2 m/s 🔨 108 mm - 308

Safety Coverage 360°

Customer-Centric Solution

Addresses Key Material-Handling Pain Points

Existing Manual Carts

Customized Solutions

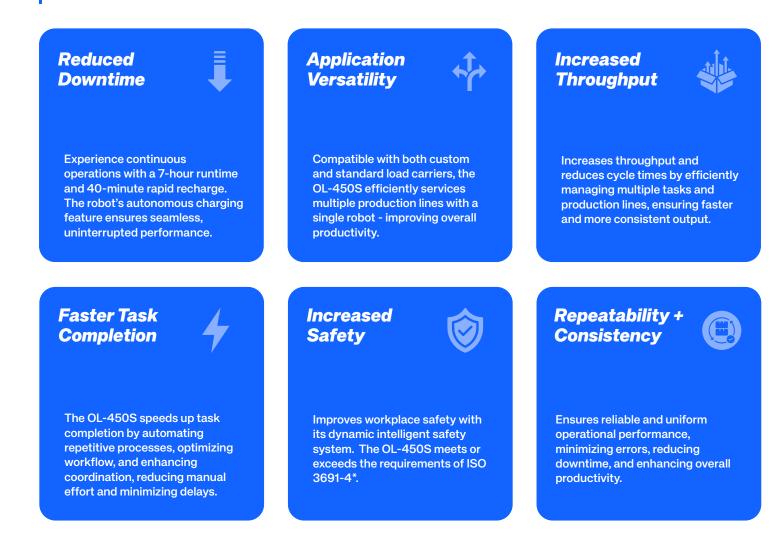
- Design Constraints
- Multiple Automation Vendors
 - Integration Challenges

Specialized Environments

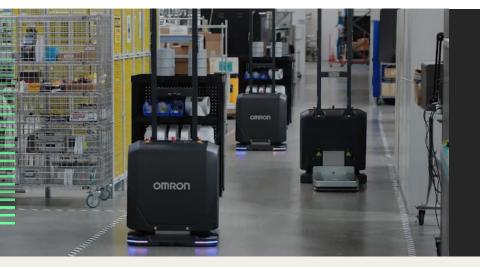
What Makes OL-450S the Superior Solution for these Challenges?

- Compatible with Custom and Standard Load Carriers: Whether you use standard or custom load carriers, the OL-450S seamlessly fits into your existing workflow, ensuring flexibility and adaptability.
- Seamless Integration with Existing Mobile Robot Infrastructure: The OL-450S easily integrates with your current systems, minimizing setup time and maximizing efficiency.
- **Centralized Management:** All features and capabilities can be managed through OMRON's FLOW Core software, providing centralized control and monitoring.
- Lifting Plate Height of 108mm 308mm: Featuring a lowprofile 108mm height for easy placement under low load carriers, and can lift to 308mm for greater flexibility and reach.
- Wireless Charging: Standard with the OL-450S, wireless charging enables flexible deployment, simplified management, and uninterrupted workflow. Wireless charging is ideal for specialized environments where physical connections increase the risk of sparking and particle generation.

Experience the Benefits of OL-450S



*Except Clause 4.12



Interested in learning more about the OL-450S?



SCAN HERE to see the OL-450S in action

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