Neo 2W for warehouses and logistics

Meet Neo 2W, the fully autonomous floor scrubbing robot purpose-built for dynamic warehousing environments.





Floor cleaning robots: Helping your facility reach its full potential

As the pace of the modern supply chain accelerates, warehouse facility managers across all industries face the challenge of delivering greater efficiencies and higher productivity while maintaining first-class operating standards.

For decades, automation has unlocked significant financial and operational benefits. Automated picking, scanning, storage/retrieval systems and automated guided vehicles (AGVs) have enabled operators to streamline processes, reduce labor demands, improve accuracy and accelerate fulfillment in a time of unprecedented business demand.

Leading facilities are now turning to autonomous cleaning solutions to unlock new operating efficiencies. Supporting smart navigation, easy deployment and simple operation, Neo 2W delivers higher availability, quality, consistency and increased productivity while supporting a safer working environment.

An evolution in fully autonomous cleaning, Neo 2W is the next wave in warehouse automation.

YOUR CHALLENGES

- Growing demand for increased efficiency, quality and measurable results
- ⚠ Limited management time for workload planning, supervision and reporting
- ⚠ Challenge to recruit and retain custodial workers
- ⚠ Increasing labor cost, sickness, absence and turnover
- ⚠ Stringent health and safety regulations and increasing litigation risk



Warehouse cleaning without compromise

Neo 2W is specifically designed for the unique demands of warehouses and distribution centers. Enhancing the quality, consistency and affordability of floor care in dynamic environments, Neo 2W improves the efficiency of your operations.

Capable of operating in racked or bulk environments, Neo 2W comes with hands-free navigation, intuitive artificial intelligence, powerful fleet management and performance measurement capabilities, all designed to help your warehouse achieve first-class results.

The right robot for the job

Warehousing and distribution facilities managers understand the need for fast and effective management of the environment is the key to productivity. Using the wrong tool can cause issues that affect your entire operation. Laborintensive manual cleaners and inefficient semi-autonomous machines don't make sense. Neither does using a cleaning machine that wasn't specifically designed to work safely and efficiently in a warehouse environment.

Forward-thinking facility managers are turning to fully autonomous cleaning robots that are purpose-built to operate in precisely those types of facilities. Featuring smart Al-driven navigation, an extensive suite of safety features, and a host of warehouse-specific tools, floor-scrubbing robots represent the next phase of innovation for warehouse and distribution facilities.

Autonomous navigation and cleaning

Powered by Avidbots Autonomy, Neo 2W's sophisticated artificial intelligence maneuvers and navigates your facility without human intervention. Dynamic mapping and machine learning capabilities allow Neo 2W to keep up with changes to your environment, so you can focus on productivity-focused tasks instead of babysitting your cleaning equipment.

Simple, versatile cleaning controls

Neo 2W's intuitive and user-friendly interface is easy for anyone to use. A large touchscreen makes selecting cleaning options effortless and straightforward. This includes cleaning plans, as well as switching back and forth between automated and manual cleaning modes as your needs change.

Safe, Secure Operation

Ten onboard sensors and 360 degrees of visibility ensure Neo 2W can safely and effectively work alongside your team in busy warehousing environments. Possessing a robust set of advanced safety features, Neo contains multiple layers of protection. This includes a Blue Light that projects a visible warning light ahead, drawing attention to its path and alerting others nearby. Additional safeguards include e-stop buttons, bumpers, beacons, integrated signaling lights and a sound system.

Remote Fleet Management and performance metrics

Avidbots Command Center lets you monitor, manage and measure your cleaning operations from a convenient and accessible web-based app. Whether you have one Neo 2W or an entire fleet, you'll enjoy new insights into your facility thanks to sector-level coverage maps and highly detailed productivity metrics. This information empowers you to make smarter, more informed decisions about your cleaning operations, increasing cleaning efficiency and productivity in new and exciting ways.

PROVEN SOLUTION FOR WAREHOUSING AND LOGISTICS

- Market Improve the quality, consistency and efficiency of warehouse cleaning.
- **Ø** Boost productivity while reducing operating costs.
- Minimize labor demands and worker fatigue.
- **©** Enhance ROI with clear performance reporting and measurable results.
- Support a safer working environment for human operatives.



Why Avidbots?

Buying an Avidbots Neo isn't just buying a floor scrubber. It's investing in a technological future that can redefine your cleaning function, making it more productive, more cost effective and easier to run. More importantly, our robotics and AI technology open up new opportunities to make your business even more successful. We realize this isn't just about buying a product, or a technology, or even a business proposition. You want to buy into a trusted partner who can take you into the future of automated operations using cutting edge robotics. At Avidbots, we work side-by-side with our customers to earn that trust and realize all the benefits that robotics can bring them.



About us

Avidbots is a robotics company with a vision to make robots ubiquitous to unlock humanity's potential with a hyperfocus on autonomous cleaning. Our groundbreaking product, the Neo fully autonomous floor scrubbing robot, is deployed around the world and trusted by leading facilities and building service companies. Headquartered in Kitchener, ON, Canada, Avidbots is offering comprehensive service and support to customers on 5 continents.

Contact us

Learn more about Neo.



sales@avidbots.com



+1.855.928.4326



avidbots.com





Avidbots Corp 45 Washburn Drive Kitchener, ON N2R ISI Canada Avidbots Chicago 5400 Newport Drive STE 7 Rolling Meadows, IL 60008 United States of America



