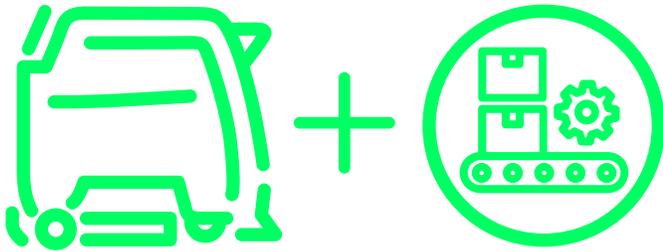


Neo™ for Consumer Manufacturing

Meet Neo, the autonomous floor-scrubbing robot for consumer goods manufacturing spaces.





The cleaning needs of facilities producing food and consumer packaged goods are like no other. Around-the-clock shifts with equipment constantly throwing up dust and particulates make for a challenging environment when it comes to cleanliness and safety. Facility managers must account for:

Safety and Efficiency

In 24 x 7 production settings, shift employees are constantly coming and going while equipment is always on. Without frequent cleaning, it doesn't take long for facilities to become untidy (which can affect productivity and safety).

Heavy-Duty

Health and cleanliness are particularly important around equipment and product (especially when producing food and consumables). Dust and particulates are unavoidable by-products of the manufacturing process. Consumer manufacturing facilities require tough, industrial-level scrubbing.

Complex Facility Layouts

Manufacturing facilities are built for efficiency, not for cleaning convenience. Hard-to-reach areas, tight corners, and large areas are common. It's a burden for facility managers to ensure all areas are cleaned regularly—not to mention scheduled and tracked.

Forward-thinking manufacturers are turning to autonomous cleaning solutions to realize operational efficiencies and improve worker safety. Featuring smart AI-driven navigation, easy operation and a host of manufacturing-specific benefits, floor-scrubbing robots represent the next phase of innovation on the factory floor.

YOUR CHALLENGES

- ⚠️ The need to clean and maintain 24 x 7 production environments with shift employees constantly coming and going
- ⚠️ Tough, industrial-level cleaning requirements as a result of the manufacturing process
- ⚠️ Maintaining a safe and healthy workplace by mitigating dust exposure, biological viruses, flammable debris and slip hazards
- ⚠️ Prioritizing cleaning and reallocating employees to custodial tasks in the face of staffing struggles
- ⚠️ Ensuring all areas are cleaned regularly, properly scheduled and tracked

Autonomous Floor Cleaning for the Around-the-Clock Production Facility

Neo is the world's leading automated floor scrubber for large, commercial spaces. Using AI-driven automation, advanced hardware, cloud software and live services, Neo automatically navigates and scrubs tough industrial floors with complex floor plans.

Heavy-Duty, Industrial-Level Cleaning

Consistent, around-the-clock cleaning reduces dust kick-up and spilt product to create a safer work environment. Neo is ruggedly built with high-capacity water tanks, swappable long-life batteries and adjustable speed and water flow for heavy-duty cleaning.

Safe, Secure Operation

With the Avidbots AI platform, Neo has dynamic planning capabilities allowing it to adapt to changes in the environment. Additionally, Neo has advanced real-time obstacle avoidance. With 10 sensors, Neo has an industry-leading 360° visibility. The state-of-the-art technology combined with e-stop buttons, bumpers, beacon and integrated signaling lights, the Blue Light and a sound system that talks to you, makes Neo the best in keeping the operational environment safe.

Simple, Versatile Cleaning Configurations

The user-friendly touchscreen interface and manual steering option make Neo easy to use. Facilities can add on the Blue Light for increased visibility and safety. Disc and cylindrical brush configurations are available in multiple sizes to suit a wide range of factory floors and tasks.

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The Avidbots Neo Autonomous Floor Scrubber is being used at our facility to eliminate a non-value-added task from our production team and improve safety, as our material is lubricious and can create slippery walkways. Since deploying the unit, we have received excellent customer service and quick responses from [Avidbots].

— **Jeff Williams, Engineering Manager,**
Saint-Gobain Ceramics/Boron Nitride

Remote Fleet Management and Performance Metrics

Facility managers can check in on a unit at any time and get a host of useful information using the Avidbots Command Center web-based software. The Avidbots Command Center is an intuitive, always-on, multi-language interface, accessible from any web-enabled device, to monitor and manage robot scrubber fleets in real time. Neo's camera technology, integrated with the SaaS platform, permits approved staff to see what Neo sees via live remote monitoring. The full reporting suite provides key metrics to ensure the robot is used to its full potential.

NEO'S SOLUTION

- ✔ Consistent around-the-clock cleaning and disinfecting reduces dust kick-up, the spread of biological viruses and timely clean-up of a spilt product to create a safer work environment
- ✔ A high-performance frame with high-capacity water tanks, swappable long-life batteries and adjustable speed and water flow for heavy-duty cleaning—includes the Blue Light for increased visibility
- ✔ The Avidbots AI platform and most advanced sensor package enable industry-leading navigation with object/personnel avoidance
- ✔ With Neo cleaning expansive warehouse and factory floors, management can assign labor to the most valuable tasks while reducing employee injuries and absences due to repetitive strain and fatigue
- ✔ The Avidbots Command Center, accessible from any web-enabled device, lets managers monitor and control robot scrubber fleets in real time—the reporting dashboard provides key metrics to ensure the robot is used to its full potential

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 bring robotic solutions into everyday life to increase organizational productivity and to do that better than any other company in the world. Our groundbreaking product, the Neo 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 now for a meeting



sales@avidbots.com



[+1.855.928.4326](tel:+18559284326)



www.avidbots.com/contact



Avidbots Corp
975 Bleams Road, #5
Kitchener, ON N2E 3Z5
Canada

Avidbots Chicago
5400 Newport Drive STE 7
Rolling Meadows, IL 60008
United States of America

Avidbots™