Neo™ for malls and retail centers

Meet Neo, the autonomous floor-scrubbing robot for malls and large indoor retail spaces.





Meet the challenges of the changing retail landscape

With unprecedented competition for consumer leisure time and destination retailers challenged by the rapid adoption of online shopping, mall operators must reinvent and refine their guest experience to attract premium visitors and encourage spend.

Thanks to social media, every guest can be an influential reviewer; retail operators are challenged to continually improve quality standards while maintaining cost efficiency. Cleanliness and safety are vital elements of customer advocacy, but increasing labor costs, high absence rates and turnover all pose critical threats to quality.

Innovative operators like Cadillac Fairview and Oxford Properties have already turned to automated cleaning robots to support the consistent delivery of a world-class guest experience.

Supporting smart navigation, easy operation and a versatile range of cleaning and disinfecting features, floor-scrubbing robots ensure high availability, increased productivity and improved efficiency over traditional options.

Higher standards at a lower cost? The aspiration is now an expectation. It's time for a smarter approach.

YOUR CHALLENGES

- Intense focus on operational standards and guest experience
- Leaseholder expectation to drive visitor numbers
- Increasing labor costs and labor turnover
- Stringent health and safety regulations and increasing litigation/reputation risk
- Continued pressure to reduce operating costs



Avidbots Neo: Intelligent cleaning for smarter smarter retail malls

Neo is the world's leading automated floor scrubber for large, commercial spaces. \Avidbots Autonomy enables Neo to automatically navigate and clean hard floors, with first-class results.

Automated navigation and cleaning

Integrated mapping features deliver precision cleaning maps for concourses and guest facilities, with adjustable cleaning settings to suit daily needs. Floor plan changes can quickly be synced to the robot.

Simple, versatile cleaning controls

Neo's simple setup and intuitive operator interface makes it easy for anyone to use. With a simple command, it can be switched into manual mode. Once the manual cleaning is completed, it is easily switched back into automated floor scrubbing mode.

Safe, secure operation

With Avidbots Autonomy, Neo has dynamic planning capabilities allowing it to adapt to changes in the environment. Additionally, Neo has advanced realtime obstacle avoidance. With 14 sensors, Neo has an industry-leading 360 degree visibility. Neo's state-of-the-art technology combines with advanced safety features including e-stop buttons, bumpers, beacons, integrated signaling lights, and a Blue Light and sound system to ensure environmental safety.

We are pleased to partner with Avidbots whose philosophy aligns with our vision of innovation and customer service. Avidbots Neo has been a great addition to our cleaning team and we will continue to broaden the use of robotics in our cleaning program across the country.

Kimberly Train, Director of National Programs,
Oxford Property Group

A team of experts at the ready

With Avidbots Remote Assistance, you'll get 24/7 real-time operational tracking and servicing by Avidbots technicians to maximize the industrial floor cleaner's uptime. Our map editors, technical support team, deployment specialists and account managers are here to help you launch and optimize your cleaning program.

Advanced performance reporting

Avidbots Command Center, a proprietary webbased software, enables you to monitor, manage and track your Neo — or an entire fleet of robots — remotely and in real time. You'll be able to access highly detailed reports of every cleaning operation, including precision productivity metrics and sector-level coverage maps. This provides you with a level of oversight and performance measurement that you won't find in other commercial floor scrubbers.

NEO'S SOLUTION

- Neo ensures consistent and efficient operations, enhancing guest experience
- Neo helps drive increased visitor numbers by ensuring a safe, clean and attractive environment
- Neo solves the problem of labor absence and turnover
- Neo assures a healthy and safe environment/reputation, reducing risk of litigation
- Neo reduces operating costs



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.



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