

University of Utah Testing Floor Cleaning Robots For Safer, Sanitary Campus

Increasing number of school campuses are testing and deploying cleaning robots to improve overall cleanliness of facilities at lower cost

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EINPresswire.com/ -- In a groundbreaking initiative aimed at redefining campus cleanliness and elevating overall satisfaction, the University of Utah is testing state-of-the-art [cleaning robots](#) from Navia Robotics. As part of an ongoing commitment to the well-being of students and faculty, this innovative deployment represents a bold step towards embracing modern technology for a safer and more efficient campus environment.

The cleaning robots, equipped with advanced sanitation capabilities and sensor suite to navigate the floors and avoid obstacles, are being tested to increase the cleanliness of the facilities, reduce the risk of infections, and enhance the overall satisfaction of students and faculty members.

"The health and well-being of the university community are paramount. By introducing cutting-edge cleaning robots, we aim to create an environment that not only meets but exceeds the highest standards of cleanliness. This pilot program aligns with our commitment to innovation, sustainability, and the overall



Robot Floor Scrubber from Navia Robotics



Navia Robotics Logo



Robot Floor Scrubber from Navia Robotics

satisfaction of our students and faculty."

The University of Utah is evaluating [floor scrubber robots](#) from Navia Robotics to implement this forward-thinking solution. The [cleaning robots for schools](#) are equipped with artificial intelligence and precision sensors and will autonomously navigate campus spaces, ensuring a thorough and consistent level of cleanliness. They provide feedback and reports on a minute by minute basis for staff to monitor the cleaning progress throughout the day.

As the University of Utah takes this pioneering step into the future of campus maintenance, it reinforces its commitment to providing an environment that fosters not only academic excellence but also prioritizes the health and safety of its community members.

The deployment of cleaning robots comes as part of a broader initiative state-wide to adapt and thrive in the ever-evolving landscape of higher education. By investing in cutting-edge solutions, the universities aim to set new standards for campus hygiene and safety, reinforcing their position as leaders in academic excellence and forward-looking facility upkeep strategies.

Key attributes of the cleaning robots include:

Cutting-edge autonomous path generation technology: After mapping the area, the robots automatically devise an optimized cleaning route tailored to the floor plan, streamlining deployment across diverse environments.

Intelligent navigation and obstacle avoidance: Equipped with advanced navigation systems, the robots effortlessly navigate around individuals and obstacles, ensuring thorough and efficient cleaning without disrupting campus activities.

Real-time monitoring and reporting: The integrated centralized app system enables real-time tracking of each robot, providing updates on its current position and the progress and performance of the cleaning task. Consumables' wear and tear status is easily accessible, ensuring the machines are consistently in optimal operating condition.

Environmentally conscious operation: The robots minimize electricity and water consumption, aligning with university campuses' environmental goals. The robot vacuum operates at adjustable power levels to suit different floor types, and the robot floor scrubbers feature internal water filters for water recycling, resulting in an impressive 80% reduction in water usage without compromising cleaning efficacy.

The Vacuum 40 and Vacuum 50, selected for vacuuming tasks, efficiently removes dust and debris from various surfaces, including polished concrete, carpet, and flat tiles. With its large self-contained battery and a spacious 3-gallon reusable dust bag, it can cover up to 50,000 square feet per charge. The Scrubber 50 and Scrubber 60 specialize in floor scrubbing and buffing on hard surfaces. With the optional workstation, these autonomous scrubbers can save up to 97%

of time, autonomously recharging when the battery is low and managing water supply without manual intervention.

Navia Robotics leads the industry with unwavering devotion to research and development, spearheading revolutionary features and patented technologies. Their distinct focus on innovation distinguishes them from competitors. Having effectively deployed their robots in various establishments, they serve countless businesses across the United States every month. For restaurant, resort, hotel, and hospital owners seeking to integrate robots into their operations, Navia Robotics provides the chance for an on-site demo or risk-free trial.

About Navia Robotics

Navia Robotics is a robotics development company that possesses vast expertise in both automation hardware and software. With a deep understanding of the inefficiencies prevalent in the food service and hospitality industry, both pre and during the COVID-19 pandemic, Navia Robotics collaborated closely with numerous restaurants operating under diverse models and located in different geographical areas and serving a variety of cuisines. This allowed them to meticulously refine their service to support the market's needs.

For all inquiries and to join in on the dining experience of the future, please refer to the contact below to get in touch with Navia Robotics.

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