

Autonomous Cleaning Technology for
DISTRIBUTION CENTERS



Distribution centers, warehouses, and logistics facilities are facing numerous operational challenges from employee retention to cost control. The latter being even more critical to operations since rising labor, equipment, and fuel costs are the main price drivers in the industry. Consumers are also becoming more conscientious about environmental challenges, and want to know that the companies they buy from are environmentally friendly.

Minimizing environmental impact and keeping workers safe - but still successfully achieving the final cleaning goal - is a challenge. Diversified Maintenance's state of the art Autonomous Cleaning technologies can help mitigate these factors and increase your competitive advantage by lowering cleaning costs. Our AI cleaning technology also produces a cleaner facility than manual cleaning, maximizing efficiency and standardizing processes to ensure the same high quality results - every time.

Diversified Maintenance's AI technology can also improve environmental cleanliness and positively impact the efficiency of the production process, reduction in workplace injuries through slip and falls, energy efficiency, and employee morale.

Why should you consider Diversified's autonomous cleaning technology?

- Hiring and retaining people is difficult
- Infectious control is paramount
- Clients and Employees want to feel safe and comfortable
- Cost savings
- Decreased safety risks
- Increased cleaning efficiency and effectiveness

Autonomous Sweeping

Diversified's state of the art sweeper and scrubber robots can provide the highest quality of industrial or commercial floor cleaning fully autonomously - no operator required! They can be programmed to perform a full range of specialized tasks before returning to the docking station to re-charge.

Key Features:

- Fully autonomous process
- No human interaction required
- Built-in intelligence, navigation and self-positioning
- Avoids all mobile or fixed obstacles with 26 ultrasound sensors and 10 touch sensors
- Automatically return to docking station where robots recharge the batteries and discharge the garbage
- Ideal to clean warehouses, factories, retail stores, commercial offices, government and public buildings, healthcare facilities, educational facilities, airports, and more



Autonomous Scrubbing

Diversified's AI-powered heavy duty autonomous floor scrubber is the first robotic floor scrubber designed specifically for the needs of the industrial market. This robust self-driving unit specializes in cleaning large open spaces – warehouses, distribution centers, manufacturing facilities, and more.

Key Features:

- A 36-inch scrub path and higher tank capacity for maximum cleaning coverage and efficiency
- A high-capacity, lithium-ion power upgrade that includes a fast charger to get the most out of a day of scrubbing
- Twin cylindrical brushes that can pick up small debris to prevent streaking and reduce the need for pre-sweeping
- An onboard telemetry system which provides supervisor notification of route completion and regular reporting of cleaning performance
- Unmatched safety and autonomous navigation capabilities via the BrainOS robotic platform



Autonomous Disinfecting

Diversified's autonomous disinfecting robots utilize touchless sterilization innovation that dispenses an EPA-registered all-natural, non-toxic disinfecting solution mist. This electrostatically-charged disinfectant eliminates viruses and bacteria on surfaces and areas missed by manual cleaning or UV light methods.

Key Features:

- Fully autonomous process
- No human interaction required
- Provides a superior layer of sterilization with better results than traditional disinfecting and sanitizing solutions in less time
- Superior to other commonly used disinfectants and sanitizers that can trigger asthma, allergies, and other respiratory problems
- Eco-friendly and non-caustic, safe for people and pets, and is 80-100x more effective vs. products such as chlorine bleach, harsh detergents, and cleaners

