



T380AMR ROBOTIC FLOOR SCRUBBER

FROM



POWERED BY BrainOS®

ec-H2O NanoClean® Technology

GREEN CLEANING & SUSTAINABILITY



Imagine a new cleaning process:

- Electrically converts water into an innovative cleaning solution
- Use up to 70% less water
- Reduce waste as well as costs associated with the purchasing and storing of conventional detergents
- Reduce environmental impact
- May contribute to LEED® or LEED-EBOM
- NFSI-Certified for improved floor traction and reduced the risk of slip and fall accidents
- Increase employee safety by eliminating daily floor cleaning concentrated chemicals

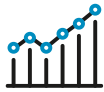


Benefits of Lithium-ion Batteries



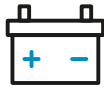
Zero Maintenance

- No more battery watering. No engine maintenance. No worries.



Maximized Productivity

- Long life, fast charging, longer runtimes, & opportunity charging to minimize idle time.
- Optimize equipment uptime by spending more time cleaning and less time dealing with your power source
- Constantly communicates data to machine, to optimize safety, performance, productivity, and longevity



Long Battery Life

- 2,000+ charge cycles means fewer battery replacements
- No fuel cylinder replacements



Simplified Operations

- Opportunity charging does not reduce the life of the battery
- No complicated charging process
- Fewer battery replacements, no battery watering, lower charging costs, and minimal training required



Safer Facilities

- Improved indoor air quality due to no emissions
- Eliminates the need for flammable fuels on property
- No exposure to battery acid or off-gassing during charging



Why Autonomous Scrubbing?

Water Savings

- Autonomous machines can identify the optimum amount of water required for various cleaning activities due to sophisticated sensors. They help save a lot of water by just utilizing what is necessary.
- 70% reduction in water using ECH2O technology
- 20-gallon solution tank x 14 gallons saved per day if scrubbing with only one tank of clean water
- 3,500 gallons per year or 24,500 gallons minimum lifetime saved
- 5000 gallons of detergent-contaminated water saved from going down the drain per year

Lithium Ion Battery Benefits/Savings

- Intelligent battery management systems make sure that the machines only utilize the energy necessary to complete a task, therefore lowering overall energy consumption.
- Higher efficiency and runtime leads to less frequent charging needs
- 30% power savings during charging
- Elimination of emissions which increases indoor air quality

Elimination of Chemical Detergent

- Chemical manufacturing and transportation has a very high environmental impact.
- At \$80 to \$200 plus per case there is also a very high ROI when using ECH2O instead

Reallocation of Labor

- Labor cost to operate scrubber daily @ \$75 per day (estimate on the low end based on 2.5 hours per day cleaning)
50 weeks = \$18,750 per year
- Life of machine = 7-10 years minimum = \$131,250 savings compared to manual scrubber

Reducing Waste

- By ensuring that consumables like pads, brushes, and cleaning agents are used to their full potential, autonomous machines help reduce waste. As a result, the frequency of replacements gets reduced and the amount of trash produced is minimized, making the whole process more sustainable.

MSC financial commitment

- \$21,064.84 the cost of a manually operated floor scrubber

