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A FAMILY COMPANY SINCE 1967



# POWERBOSS<sup>®</sup>

THE POWER OF CLEAN

## AMR

Autonomous Mobile Robotic Floor Scrubber

Powered by **brain**<sub>corp</sub>

**20 INCH  
WORKING WIDTH**

**CLEANING PERFORMANCE  
UP TO 20,400 FT<sup>2</sup>/HR**

**AUTOMATIC & MANUAL  
OPERATION ABILITIES**



## PowerBoss AMR RoboScrubber Powered by BrainOS® Maximizing Efficiency. Minimizing Costs.

The AMR, powered by BrainOS®, represents the next generation of robotic floor care. Brain's advanced vision-based A.I. system enables the robot to navigate complex, real-world environments. The machine is designed to work safely and efficiently alongside employees and can still be used manually for ad-hoc situations.

- ✔ Vision Based Technology Requires No Infrastructure Modifications
- ✔ Capable of Navigating Complex & Dynamic Environments
- ✔ Simple & Intuitive User-Interface
- ✔ Eliminates Collision Damage & Driver Mistakes
- ✔ Ensures Consistent & Reliable Floor Care Performance
- ✔ Allows Employees to Focus on Higher Value Tasks







## AUTONOMY BY brainOS corp



### Reporting

Analytic reports help you track key performance indicators across your fleet.



### Cloud Robotics

Our Robot Operations Center (ROC) provides alerts, usage data, reporting and software updates.



### Service

24 hour phone support. Remote monitoring for hardware and software issues.

# Technical Data

## AMR AT A GLANCE

### Robotic Features

Control	Manual and autonomous.
Learning System	Autonomous function is trained by user to replicate multiple scrubbing routes.
Navigation	Multi-layer sensor system perceives environment, controlling vehicle and navigation.
Safety	Overlapping sensors detect and avoid people and obstacles. Equipped with auto-stop button. Beeps alert passersby.
Support	Robot Operations Center (ROC), managed by Brain Corp technicians, provides remote monitoring, usage analytics and first line customer service.

### Scrubber Specifications

Cleaning Path Width	20 in
Squeegee Width	25 in
Brush Speed	200-350-450 rpm
Brush Pad Pressure	Floating - Locked
Water Flow Rate	0 - 0.4 gal/min
Max. Manual Speed	3.1 mph
Max. Manual Productivity Rate	27,200 ft <sup>2</sup> /hr
Max. Autonomous Speed	2.5 mph
Max. Autonomous Productivity Rate	20,400 ft <sup>2</sup> /hr
Noise	68 dBA

### Dimensions & Capacity

Length	47.5 in
Width	25.5 in
Height	45 in
Weight With Batteries	691 lbs
Solution Tank Capacity	18 gal
Recovery Tank Capacity	18 gal

### Power

Vacuum Power	550W
Nominal Voltage	24V DC
Batteries	2 x 12V 140Ah Wet Lead Acid
Run Time	2 - 2.5 hrs



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EQUIPMENT PARTS RENTALS SERVICE SUPPLIES

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