

# Minuteman Max Ride 20 RoboScrubber Powered by BrainOS®

Maximizing Efficiency. Minimizing Costs.

The Max Ride 20 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 BRAIN



### 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.



## 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.

## 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

## 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

## Power

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