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.

brain OS powered

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^2/hr
Max. Autonomous Speed	2.5 mph
Max. Autonomous Productivity Rate	20,400 ft^2/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