

Minuteman RoboScrub 20 Powered by BrainOS[®]

MAXIMIZING EFFICIENCY. MINIMIZING COSTS.

The RoboScrub 20 powered by BrainOS[®] represents the next generation of robotic floor care. Brain's advanced vision-based AI 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
- ✔ Mitigates 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-CONNECTED

For usage data, operation alerts, maps, and software updates.



SERVICE

Seamless Minuteman customer service support. Remote monitoring for 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	Brain Corp technicians provide remote monitoring, usage analytics and software maintenance and support via the cloud.

SCRUBBER SPECIFICATIONS

Cleaning Path Width	20 in (508 mm)
Squeegee Width	25 in (635 mm)
Brush Speed	200-350-450 rpm
Brush Pad Pressure	Floating - Locked
Water Flow Rate	0 - 0.4 gal/min (0 - 1.5 l/min)
Max. Manual Speed	3.1 mph (5 km/h)
Max. Manual Productivity Rate	27,200 ft ² /hr (2508 m ² /h)
Max. Autonomous Speed	2.2 mph (1 m/s)
Noise	68 dBA

DIMENSIONS & CAPACITY

Length	48 in (1219 mm)
Width	26 in (660 mm)
Height	45 in (1143 mm)
Weight With Batteries	691 lbs (313 kg)
Solution Tank Capacity	18 gal (68 l)
Recovery Tank Capacity	18 gal (68 l)

POWER

Vacuum Power	550W
Nominal Voltage	24V DC
Batteries	2 x 12V 140Ah AGM
Run Time	Up to 3.5 hrs