

WE KNOW CLEAN™



# *Minuteman*®

*Excellence Meets Clean*

## MAX RIDE 20

Automatic RoboScrubber Powered by **brain** corp

**20 INCH  
WORKING WIDTH**

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

**AUTOMATIC & MANUAL  
OPERATION ABILITIES**



## 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 **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

## MAX RIDE 20 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                 |



A FAMILY COMPANY SINCE 1967



WE KNOW CLEAN™

EQUIPMENT PARTS RENTALS SERVICE SUPPLIES

SWEeperLAND.COM