

Tennant T7AMR Rider-Scrubber Powered by BrainOS®

Maximizing Efficiency. Minimizing Costs.

The Tennant T7AMR Rider-Scrubber 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 Robotics

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



Service

Seamless Tennant 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	Robot Operations Center (ROC), managed by Brain Corp technicians, provides remote monitoring, usage analytics and first line customer service.

Dimensions & Capacity

Length	64.75 in
Width with rear squeegee	33.25 in
Height	59.25 in
Weight With Batteries	1057 lbs
Solution Tank Capacity	29 gal
Recovery Tank Capacity	29 gal

Scrubber Specifications

Cleaning Path Width	26 in
Squeegee Width	33.25 in
Brush Speed	230 rpm
Brush Pad Pressure	80 – 160 lbs
Solution Flow Rate	0.15 – 0.45 gal/min
Max. Manual Speed	3.6 mph
Max. Manual Productivity Rate	45,760 ft ² /hr
Max. Autonomous Speed	2.0 mph
Noise	67 dBA

Power

Vacuum Power	450W
Nominal Voltage	24V
Batteries	4 x 6V 360Ah Wet Lead Acid
Run Time	Up to 3.7 hrs