T7 Autonomous
Micro Ride-on Scrubber-Dryer



A Robotic Solution

Address labour challenges, drive efficiencies and maintain a high standard of cleaning with the T7AMR, a robotic solution designed to work safely and efficiently alongside employees so they can focus on high-value tasks.

Available Technology

ec-H2O NanoClean®

Lithium-Ion Batteries



Easy-To-Use, Quick to Configure
Simple, intuitive controls and mapping technology ensure ease of use and efficiency for operators so they can focus on higher cost and priority tasks.



Engineered For Safety
Equipped with BrainOS® technology, the autonomous T7AMR has been designed and tested to operate in complex, real world environments, while safely avoiding people and obstacles.



Consistent Cleaning Experience
Learn and repeat model ensures consistent cleaning performance while reports help you track key performance indicators across your fleet.

T7AMR Specifications

FEATURE	SPECIFICATION
Cleaning Path	26 in/650 mm
Productivity (per hour) Theoretical max manual mode | autonomous mode	45,760 ft² / 4,250 m² | 28,600 ft² / 2,660 m²
Brush motors (2)	.6 hp / 0.45 kW
Brush/pad RPM	225 rpm
Brush/pad pressure	up to 190 lb / 86 kg
Solution tank capacity	29 gal / 110 L
Recovery tank capacity	29 gal / 110 L
Vacuum motor	0.6 hp / 0.45 kW
System voltage	24 volt
Battery run time (up to hours)* (Flooded Lead Acid | Lithium-Ion)	4.0 hours | up to 6.5 hours
Length x width x height	65 x 33.25 x 57 in 1,650 x 850 x 1,450 mm
Weight (with Batteries)	1,085 lb / 492 kg
Sound level (operator's ear)**	70 dBA (disk)

ROBOTIC FEATURES	SPECIFICATION
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 two auto-stop buttons. Beeps alert passersby.

**Run times are based on continuous scrubbing run times.*
***Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment manufacturers & OSHA.*
Specifications subject to change without notice and will vary throughout the operation of the machine; averages are shown.

Unmatched **Support**

Benefit from Tennant's experience in scalable deployments of autonomous cleaning equipment to enable you to advance your processes and reach your business goals.

Tennant Service Offering

- Maximise safety, productivity and uptime
- Control and protect your investment and lower your total cost of ownership
- Benefit from factory-trained service technicians across Europe

SEEING IS BELIEVING

For a demonstration or additional information contact us:

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