



T16AMR Industrial Robotic Scrubber

Address labor challenges, reduce the need for pre-sweeping, drive efficiencies and maintain a high standard of cleaning with the T16AMR, a robotic cleaning machine designed to work safely and efficiently alongside employees so they can focus on high-value tasks.

Available Technologies

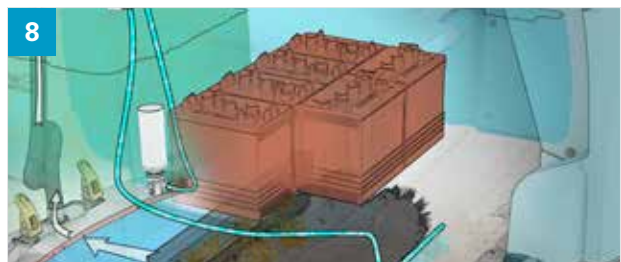


ec-H2O NanoClean® technology



Lithium Ion Batteries

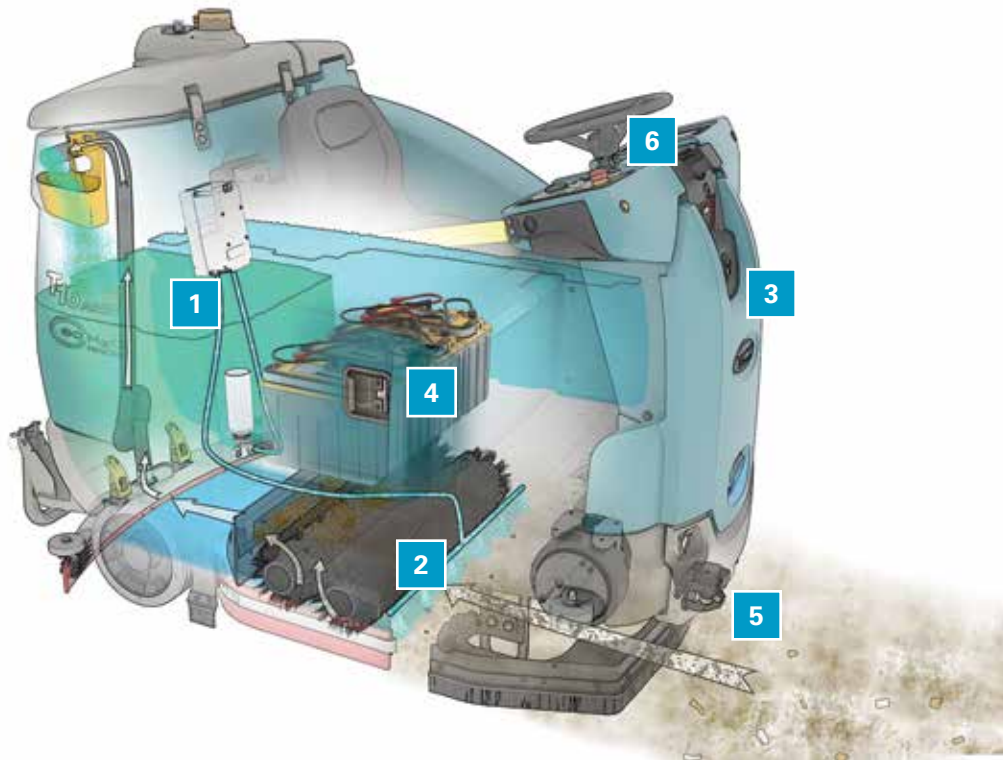
An Industrial Robotic Solution



- 1. Maintain health and safety** of employees and guests with on-board safety measures like cameras and sensors.
- 2. Monitor cleaning performance** and other key metrics with both daily and weekly reporting.
- 3. Enhance user experience** with intuitive controls, on-board learning center and operator-centric design.
- 4. Clean up to 13 hours in a 24-hour period** with the maintenance-free Lithium Ion battery option.

- 5. Prevent squeegee damage** with rear squeegee protection kit and suite of sensors.
- 6. Save time and ensure proper maintenance** with yellow touch points.
- 7. Support employee and facility safety** with full LED safety package, including a standard forward projection blue light to alert personnel of the AMR's location and direction of travel.
- 8. Easily maintain flooded lead acid batteries**, if chosen, with single point battery watering system.

Inside the T16AMR



1. Reduce detergent usage and use less water, both saving you money and minimizing your environmental impact, with ec-H2O NanoClean® technology.

2. Clean thoroughly in a single pass with a cylindrical scrub head and high-performance vacuum system.

3. Engineered for safety, the T16AMR operates in complex, real world environments with BrainOS® advanced vision-based technology.

4. Choose the right power source for your facility: high-capacity lithium ion or flooded lead acid batteries. See below for additional details.

5. Clean larger and more open environments in industrial facilities with a high-powered lower LIDAR system.

6. Enhance user experience and simplify maintenance troubleshooting with intuitive controls and operator-centric design.

WHICH POWER SOURCE IS BEST FOR YOU?

High Capacity Lithium Ion Batteries

- Up to 13 hours* of use within a 24 hour period
- Opportunity charging available at any time
- Maintenance-free power source

Flooded Lead Acid Batteries

- Clean up to 4 hours per day
- Single shift cleaning
- Single point battery watering system

T16AMR Specifications

CLEANING SYSTEM

Cleaning Path	36 in / 910 mm
Brush RPM	500 rpm
Brush Down Pressure (up to)	200 lb / 91 kg
Solution Tank	50 gal / 190 L
Recovery Tank	60 gal / 225 L
System Voltage	36V

BATTERIES

Flooded Lead Acid Battery Pack	36V, 360 AH
Lithium-ion Battery Pack	11.5 kWh (320 AH)
Battery Run Time (Flooded Lead Acid Lithium)	4.0 hrs up to 5.4 hrs

MACHINE SPECIFICATIONS

Weight (with standard batteries with optional batteries)	1,725 lb / 785 kg 1,400 lb / 635 kg
Length	80 in / 2,030 mm
Width	42 in / 1,070 mm
Height (to light)	58 in / 1,475 mm

AMR

Safety	Overlapping sensors detect and avoid people and obstacles. Equipped with two auto-stop buttons. Stop and Honk Capability Horn. Anti-joyride ride detection. Beeps alert passerbys. Blinkers alert turn direction.
Learning System	UL Listed to UL/CSA 60335-2-72 safety standard and OSHA recognized CSA/ANSI C22.2 No. 336 autonomous cleaning equipment standard under UL file E358987 Teach/Repeat and Area Fill

WARRANTY

See your local representative for warranty information	
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Specifications subject to change without notice.

Tennant—Reinvent how the world cleans

With a vision to become a global leader in sustainable cleaning innovation that empowers our customers to create a cleaner, safer and healthier world, Tennant creates solutions that are changing the way the world cleans.



We are where you are

Tennant has the industry's largest direct sales and service organization and a well-supported network of authorized distributors worldwide.



Solutions for your unique needs

Tennant's dedicated AMR customer success focuses on making your robotic cleaning program successful. Our industry-leading customer success team combines their robotics implementation experience and in-depth knowledge of cleaning equipment to serve our robotics customers.



Buying, leasing, renting

We offer flexible options to get you the machines you need, however you need them.



TennantTrue®

Optimize equipment performance and protect your investment with TennantTrue® parts and service.

For a demonstration or additional information, call **+1.800.553.8033** or email **info@tennantco.com**

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