



# 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

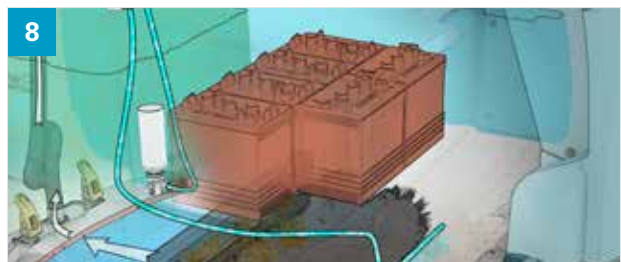


ec-H2O NanoClean® technology



Lithium Ion Batteries

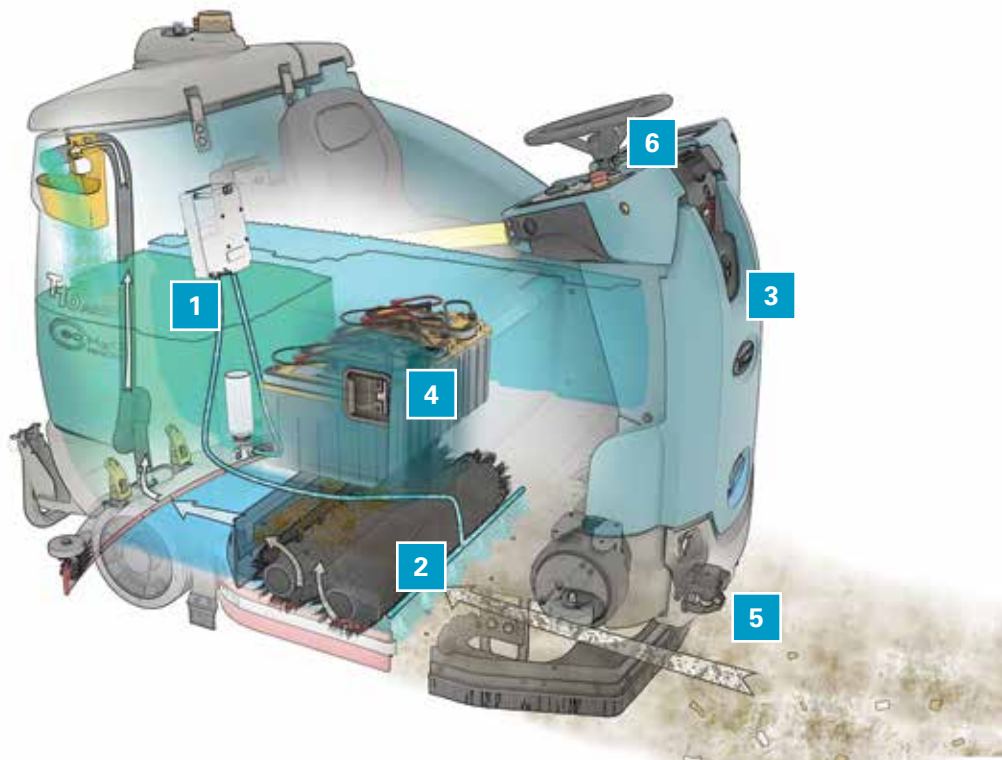
# An **Industrial Robotic** Solution



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. 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
Learning System	Teach/Repeat and Area Fill

## WARRANTY

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



**Buying, leasing, renting**

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



**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.



**TennantTrue®**

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