

T16AMR Industrial Robotic Scrubber-Dryer

Available Technologies

ec-H2O NanoClean® technology

Lithium Ion Batteries

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.

An **Industrial Robotic** Solution





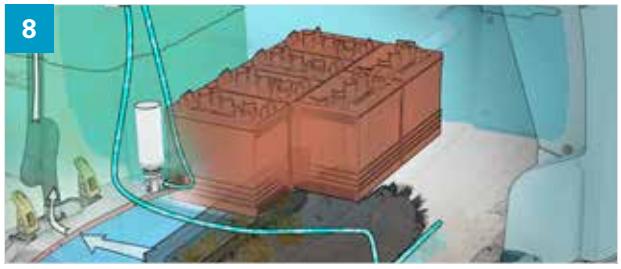






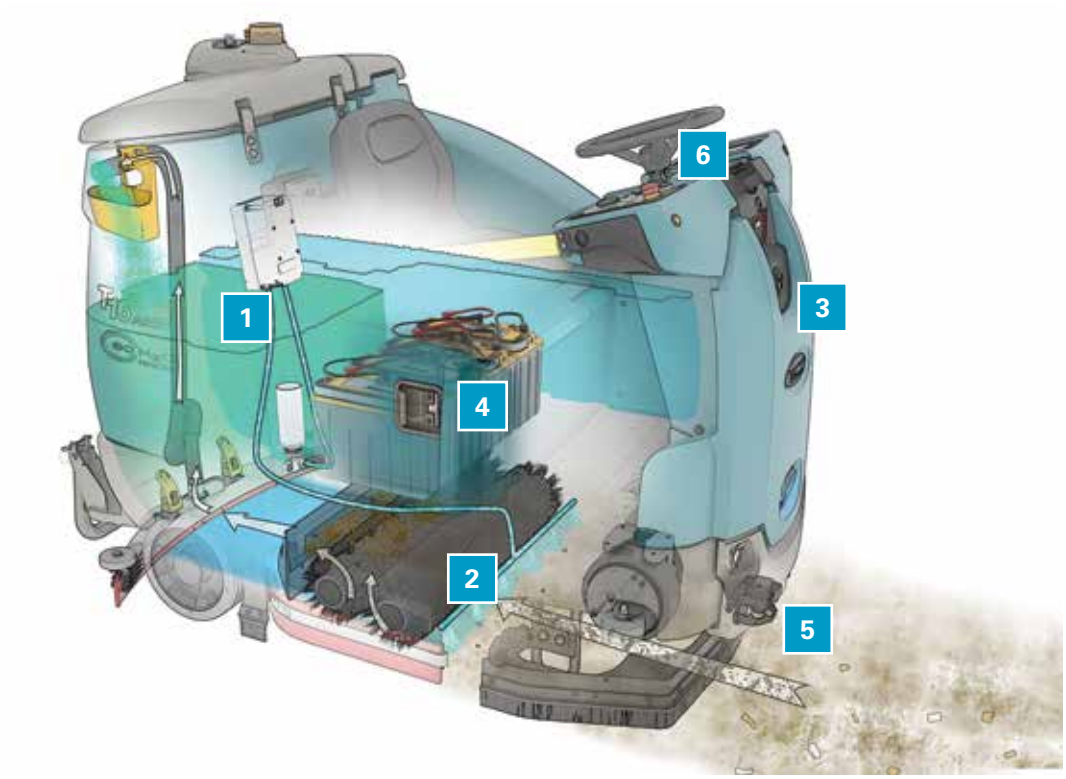






1. **Maintain health and safety** of employees and guests with on-board safety measures like cameras and sensors.
2. **Monitor cleaning performance** and other key metrics with both daily and weekly reporting.
3. **Enhance user experience** with intuitive controls, on-board learning center and operator-centric design.
4. **Improve indoor air quality and reduce the risk of accident**s by eliminating exposure to flammable fuels and battery acid.
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** 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 troubleshooting with intuitive controls and operator-centric design.

WHICH POWER SOURCE IS BEST FOR YOU?

High Capacity Lithium Ion Batteries

- Clean up to 5.4 hours per day
- 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	910 mm
Brush RPM	500 rpm
Brush Down Pressure (up to)	91 kg
Solution Tank	190 L
Recovery Tank	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-Ion)	4.0 hrs | up to 5.4 hrs
MACHINE SPECIFICATIONS	
Weight (with standard batteries | with optional batteries)	785 kg | 635 kg
Length	2,030 mm
Width	1,070 mm
Height (to light)	1,475 mm
AMR	
Safety	Overlapping sensors detect and avoid people and obstacles. Equipped with two auto-stop buttons. Horn. Anti-joyride ride detection. Beeps alert passerbys. Blinkers alert turn direction.
Learning System	Teach/Repeat and Area Fill
WARRANTY	
See your local representative for warranty information	

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.

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.

Tennant*True*®
Optimize equipment performance and protect your investment with Tennant*True*® parts and service.

For a demonstration or additional information,
call **+32 3 217 94 11** or email **europe@tennantco.com**

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