



# T16AMR Specifications

## Autonomous Battery Ride-On Floor Scrubber

### SCRUBBING SYSTEM

Cleaning path	36 in   910 mm
Cylindrical main brushes	
Brush speed	500 rpm
Brush diameter (2)	8 in   205mm
Brush down pressure (up to)	200 lb   91 kg
Brush motor (2)	1.0 hp   0.75 kW
Debris Hopper	0.5 ft <sup>3</sup>   14 L
Tanks	
Solution tank	50 gal   190 L
Recovery tank	60 gal   225 L
Demisting chamber	10 gal   38 L
Vacuum fan	0.75 hp   0.56 kW
Speed	14,000 rpm
Water lift	65 in   1,650 mm

### PROPELLING SYSTEM

Manual Mode	
Propel speed forward (variable to)	4.0 mph   6.4 km / h
Propel speed reverse (variable to)	1.8 mph   2.9 km / h
Autonomous Mode	
Propel speed forward (variable to)	1.8 mph   <b>2.9</b> km / h
Propel motor	1.5 hp   1.1 kW
Speed control	Electronic - DC
Gradeability	
Transport (empty for trailering)	9.0 deg / 15.8%
Transport at gross weight	5.0 deg / 8.7%
Working (scrubbing)	4.0 deg / 7.0%
Ground clearance (transport)	1.5 in   31 mm
Tire front (1), non-marking	3.5 x 10 in   90 x 250 mm
Tires rear (2), solid	4 x 12 in   102 x 300 mm
<b>AUTONOMOUS MANEUVERABILITY</b>	
Pass Through Clearance	4.75 ft   1.45 m
90 degree aisle entrance clearance	6.25 ft   1.9 m
Minimum aisle U-Turn	11.25 ft   3.43 m

### BATTERY SELECTIONS (runtime: economy mode)

Standard Capacity Flooded Battery pack (4.0 hrs) 36V, 360 AH

### SOUND LEVEL

Operator's ear  
Cylindrical: Mode #1 71 dBA  
*Sound pressure level tested per ISO 11201 as recommended by the AACEM and OSHA*

### MACHINE DIMENSIONS

Length	80 in   2,030 mm
Width	
Body	42 in   1,070 mm
Rear squeegee (hard width)	42 in   1,070 mm
Height	58 in   1,475 mm
Weight	
Empty	1,140 lb   520 kg
With standard 360AH batteries	1,725 lb   785 kg
Gross Vehicle Weight (GVW)	2,475 lb   1,125 kg

Minimum aisle turn (Manual)	83 in   2,110 mm
Minimum aisle turn (Autonomous)	135 in   3,430 mm

### STANDARD FEATURES

ec-H2O NanoClean<sup>®</sup> Solution System Solution Tank Empty Indicator  
1-Step™ Scrub Operation Recovery Tank Full Indicator  
SmartRelease™ Breakaway Rear Squeegee No-Tool Brush Change  
High Visibility Maintenance Touch Points Non Marking Drive Wheel  
Recovery Tank Debris Tray Duramer™ Hygienic Tanks  
In-Line Vacuum Fan Filter Adjustable Flow Drain Cuffs  
Dura-Track™ Parabolic Squeegee No-Tool Squeegee Change  
Tubular Steel Rear Squeegee Guard Automatic Parking Brake  
Back-Up Rear Safety AV Module (LED) Soft Corner Rollers (front)  
Forward Blue Warning Light (LED) Head Light (LED)

### AUTONOMOUS FEATURES

Manual & Autonomous Operation Touch Screen w/Security PIN  
Blue Start/Stop Button Anti Joy-Ride Protection  
Removeable Key During Autonomous Operation On-Board Videos  
10 Home Markers w/6 Routes/Marker Mobile Device Pairing for Alerts  
Connected and Repeat Route Capability Area Fill Capability  
Custom Route Labeling

### WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and pads, please consult the *T16 Parts and Consumables Reference Guide*