



T16 Specifications

Battery Ride-On Floor Scrubber

SCRUBBING SYSTEM

Cleaning path	36 in 910 mm
With scrubbing side brush	45 in 1,145 mm
With dual side brushes (pre-sweep option only)	46 in 1,170 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 ³ 14 L
Disk main brushes	
Brush speed	300 rpm
Brush size diameter (2)	18 in 460 mm
Brush down pressure (variable to)	250 lb 114 kg
Brush motor (2)	1.0 hp 0.75 kW
Optional pre-sweep	
Debris Capacity	1.5 ft ³ 42 L
Dust Control Technology	Filter Bag
Filter Bag Dust Capacity	1.0 ft ³ 28 L
Tanks	
Solution tank	50 gal 190 L
Solution capacity with ES [®]	75 gal 280 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

Propel speed forward (variable to)	5.6 mph 9 km / h
Propel speed reverse (variable to)	2.5 mph 4 km / h
Propel motor	1.6 hp 1.2 kW
Speed control	Electronic - AC
Gradeability	
Transport (empty for trailering)	11.0 deg / 20%
Transport at gross weight	8.0 deg / 14.1%
Working (scrubbing)	4.0 deg / 7.0%
Ground clearance (transport)	2.5 in 65 mm
Tire front (1), non-marking	4 x 12 in 102 x 300 mm
Tires rear (2), solid	4 x 12 in 102 x 300 mm

BATTERY SELECTIONS (runtime: economy mode)

Battery options	
Standard batteries	(2 hrs) 36V, 235 AH
Optional: High-capacity batteries	(4 hrs) 36V, 360 AH
Optional: Lithium-ion batteries	(2.2 hrs) 4.1 kWh (110 AH)
	(4.5 hrs) 8.2 kWh (221 AH)
	(6.9 hrs) 12.2 kWh (331 AH)

Battery chargers available for standard and all optional batteries

SOUND LEVEL

Operator's ear	
Disk: Mode #1	68 dBA
Cylindrical: Mode #1	71 dBA
<i>Sound pressure level tested per ISO 11201 as recommended by the AACEM and OSHA</i>	

MACHINE DIMENSIONS

Length	74 in 1,880 mm
Length (with Pre-Sweep)	99 in 2,510 mm
Width	
Body	41 in 1,040 mm
Rear squeegee (hard width)	42 in 1,070 mm
Body with Side Brush Bumper (hard width)	46 in 1,170 mm
Height	58 in 1,475 mm
With overhead guard	82 in 2,080 mm
Weight	
Empty	1,100 lb 500 kg
With standard 235 AH batteries	1,900 lb 860 kg
Gross Vehicle Weight (GVW)	2,800 lb 1,270 kg
Minimum aisle turn	83 in 2,110 mm
Minimum aisle turn (with Pre-Sweep)	103 in 2,620 mm

STANDARD FEATURES

Touch-N-Go™ Control Module	1-Step™ One Button Scrub Operation
Onboard Diagnostics	Service Interval Reminders
Recover Tank Full Indicator	Solution Tank Level Indicator
Wheel Mounted Horn	Wheel Mounted Water Shut-Off
Removable Utility Tool Caddy	Storage Cargo Net
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
SmartRelease™ Breakaway Rear Squeegee	No-Tool Brush Change
Non-Marking Front Tire	Automatic Parking Brake
Underwriter's Laboratory (UL®) E certified	Soft Corner Rollers (front)

OPTIONAL EQUIPMENT

EC-H2O® Solution System w/ SE Switch	Deluxe Seat w/ Belt
ES®-Extended Scrub w/ Detergent Metering	Seat belt (Std Seat)
Detergent Metering for Conventional	Dual Vacuum Fans
Scrubbing Side Brush	Rollout Battery Kit
Back-Up Rear Safety AV Module (LED)	Head Light (LED)
Tubular Steel Front Bumper	Overhead guard
Tubular Steel Rear Squeegee Guard	Vacuum Wand (on demand)
Spray Hose (15 ft / 5m) w /Retracting Reel	Positive Drain Control
Pre-sweep Attachment with Dust Control	On Board Charger
Battery Watering System	UL Type ES Certification

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*