



Model T16 Specifications

COMPACT, HIGH PERFORMANCE BATTERY RIDER SCRUBBER

SCRUBBING SYSTEM

Cleaning path	36 in		910 mm
With scrubbing side brush	45 in		1,145 mm
With sweeping side brush (cylindrical only)	46 in		1,170 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

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	Deluxe Seat w/Belt
FaST [®] -Foam Activated Scrub Technology	Seat belt (Std Seat)
ES [®] -Extended Scrub w/Detergent Metering	Dual Vacuum Fans
Scrubbing Side Brush	Sweeping Side Brush (cylindrical only)
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
Sweeping Side Brush (cylindrical only)	Battery Watering System
UL Type ES Certification	Rollout Battery Kit

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*.