



# T17 Specifications

## Heavy-Duty High Performance Battery Rider Scrubber

### SCRUBBING SYSTEM

Cleaning path	40 in   1,015 mm
With scrubbing side brush	52 in   1,320 mm
With RH sweeping side brush (cyl scrub only)	46 in   1,165 mm
With Dual sweeping side brush (cyl scrub only)	52 in   1,320 mm
Sweeping with Presweep	49.4 in   1,255 mm
Cylindrical main brushes	
Brush speed	500 rpm
Brush diameter (2)	9 in   230 mm
Brush down force (up to)	550 lb   250 kg
Brush motors-brushless (2)	1.5 hp   1.125 kW
Motor rating	IP44
Debris hopper	0.7 ft <sup>3</sup>   20 L
Disk main brushes	
Brush speed	315 rpm
Brush size diameter (2)	20 in   510 mm
Brush down force (up to)	550 lb   250 kg
Brush motor-brushless (2)	1.5 hp   1.125 kW
Motor rating	IP44
Optional Presweep	
Debris capacity (overall)	1.3 ft <sup>3</sup>   37 L
Filter bag capacity	1.0 ft <sup>3</sup>   28 L
Tanks	
Solution tank	75 gal   285 L
Solution capacity (ES®)	115 gal   435 L
Recovery tank	91.1 gal   346 L
Demisting chamber	16.1 gal   61 L
Vacuum fan (Dual)	2 x 0.8 hp   2 x 0.6 kW
Speed	14,500 rpm
Water lift	65 in   1,650 mm

### PROPELLING SYSTEM

Propel speed forward (transport variable to)	5.5 mph   9 km / h
Propel speed forward (scrubbing variable to)	4.0 mph   6.5 km / h
Propel speed reverse (variable to)	3 mph   5 km / h
Propel motor	3.0 hp   2.25 kW
Speed control	Electronic - AC
Gradeability	Base Unit   w/Ramp Kit
Transport (empty for trailering)	12 deg / 21%   12 deg / 21%
Transport at gross weight	7 deg / 12%   8.5 deg / 14.8%
Working (scrubbing)	5 deg / 8.7%   6 deg / 10.5%
Ground clearance (transport)	2.5 in   64 mm
Tire front (1), non-marking	13.8 x 5.8 in   350 x 150 mm
Tire front (2), non-marking	15 x 5 in   380 x 125 mm

### BATTERY SELECTIONS (est. continuous runtime: economy mode)

Battery options	
Optional Wet batteries	(up to 3.5 hrs) 36V, 510 AH C/6
	(up to 5.75 hrs) 36V, 750 AH C/6
	(up to 7.5 hrs) 36V, 930 AH C/6

Battery chargers available for all optional batteries

### SOUND LEVEL

Operator's ear:	
Disk: Mode #2*	65 dBA; Kpa 3 dBA
Cylindrical: Mode #2*	68 dBA; Kpa 3 dBA
<i>Sound pressure level tested per IEC 60335-2-72</i>	
<i>*Vacuum On, Squeegee Down, Brushes On, Brushes Up</i>	

### MACHINE DIMENSIONS

Length Basic Machine	88.4 in   2,245 mm
Length with Pre-Sweep	113.4 in   2,880 mm
Width	
Body	46 in   1,168 mm
Body (with Side Brush)	53 in   1,346 mm
Rear squeegee (hard width)	49 in   1,245 mm
Height (top of Steering Wheel)	58.25 in   1,480 mm
With overhead guard	82.5 in   2,096 mm
Weight	
Empty (Base Unit)	1,925 lb   875 kg
With standard 510 AH batteries	3,365 lb   1,525 kg
Gross Vehicle Weight (GVW)	6,150 lb   2,790 kg
Minimum aisle turn	93.25 in   2,370 mm

### STANDARD FEATURES

1-Step™ control module	Onboard diagnostics
Touch-N-Go™ wheel mounted module	Wheel mounted horn
Recovery tank full indicator	Wheel mounted water shut-off
Solution tank empty indicator	Full wrap steel bumper
Non-marking drive wheel	Cushioned stacked corner rollers (front)
Yellow maintenance touch points	Manual parking brake
Recovery tank debris tray	Duramer™ tanks & shrouds
In-line vacuum fan filter	Variable flow cuff tank drains
Swinging rear parabolic squeegee	No-tool squeegee change
SmartRelease™ breakaway rear squeegee	No-tool brush change
Underwriters Laboratory (UL®) E certified	

### OPTIONAL EQUIPMENT

Pro-Panel™ controls	Fuel cell ready
ec-H2O™ solution system	S.E. (Severe Environment) switch
ES® Extended Scrub w/detergent metering	Solution auto fill system
Spray hose (15 ft/4.5 m) w/retracting reel	Scrubbing side brush
Vacuum wand	Sweep side brush (RH or Dual)
Slide-out battery system	FOPS certified overhead guard
Heavy-duty rear squeegee guard	Pre-sweep with dry dust control
Deluxe seat w/armrests & seatbelt	Power steering
Headlights (LED)	AV backup alarm (LED)
High traction tire(s)	Battery watering system
Pressure washer (2500 psi)	Fire extinguisher
Underwriters Laboratory (UL®) Type ES Certified	

### WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and pads, please consult the *T17 Parts and Consumables Reference Guide*