



T17 specifications

Autonomous battery ride-on floor scrubber

SCRUBBING SYSTEM

Cleaning path	40 in 1,015 mm
With scrubbing side brush	52 in 1,320 mm
With Dual sweeping side brush (cyl scrub only)	52 in 1,320 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 ³ 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
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	
Transport (empty for trailering)	12 deg / 21%
Transport at gross weight	7 deg / 12%
Working (scrubbing)	5 deg / 8.7%
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, sweeping/scrubbing simultaneously, independent function would be longer)*

Battery options	
Flooded Battery pack (up to 7.0 hrs)	36V, 840 AH
Flooded Battery pack (up to 4.1 hrs)	36V, 930 AH C6
Lithium-Ion Battery (up to 5.0 hrs, up to 12 hrs w/in a 24 hr duration)	36V, 456 AH / 17.5kW
Lithium-Ion Battery (up to 7.0 hrs, up to 12 hrs w/in a 24 hr duration)	36V, 684 AH / 26.3kW

LITHIUM SPECIFIC INFORMATION

Lithium Ion batteries have specific charging requirements. Contact your Tennant Representative for charger compatibility information.

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
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
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	Pressure washer (2500 psi)
Spray hose (15 ft/4.5 m) w/retracting reel	Scrubbing side brush
Wet Vacuum Wand	Sweep side brush (Dual)
Live Vacuum Wand (Dry)	Slide-out battery system
FOPS certified overhead guard	Heavy-duty rear squeegee guard
Deluxe seat w/armrests & seatbelt	Headlights (LED)
Power steering	Detergent Metering for Conventional Scrub
AV backup alarm (LED)	High traction tire(s)
Battery watering system	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*