



# M17 Specifications | Versatile, High-Performance Battery Sweeper-Scrubber

## SCRUBBING SYSTEM

Cleaning path	
Scrubbing (main scrub deck)	1,015 mm
With scrubbing side brush	1,220 mm
Sweeping (main sweeping system)	915 mm
With dual sweeping side brush	1,700 mm
Cylindrical main scrub brushes	
Brush speed	500 rpm
Brush diameter (2)	230 mm
Brush down force (up to)	250 kg
Brush motors, brushless (2)	1.125 kW
Motor rating	IP44
Debris hopper	20 L
Disk main scrub brushes	
Brush speed	315 rpm
Brush size diameter (2)	510 mm
Brush down force (up to)	250 kg
Brush motor, brushless (2)	1.125 kW
Motor rating	IP44
Tanks	
Solution tank	285 L
Solution capacity (ES®)	435 L
Recovery tank	346 L
Demisting chamber	61 L
Vacuum fans – water recovery (dual)	2 x .6 kW
Speed	14,500 rpm
Water lift	1,650 mm
Sweeping system	
Dual main sweeping brooms	915 mm
Dual side sweeping brooms	Standard
Side sweeping broom diameter	480 mm
Debris capacity (light litter)	85 L
Dump height (variable to)	1,525 mm
Lift capacity	136 kg
Filter canister	5.1 m <sup>2</sup>
Vacuum fan (brushless maintenance free)	0.85 kW

## PROPELLING SYSTEM

Propel speed forward (transport variable to)	9 km / h
Propel speed forward (scrubbing variable to)	6.5 km / h
Propel speed reverse (variable to)	5 km / h
Propel motor	2.25 kW
Speed control	Electronic - AC
Gradeability	
Transport (empty for trailering)	11.6 deg   20%
Transport at curb weight	9.0 deg   16%
Transport at gross weight	7.5 deg   13%
Working (scrubbing)	6.5 deg   11%
Ground clearance (transport)	64 mm
Tire front (1), non-marking	350 x 150 mm
Tires rear (2), non-marking	380 x 125 mm

**BATTERY SELECTIONS** (est. continuous runtime: economy mode, sweeping/scrubbing simultaneously, independent function would be longer)

Optional battery packages	(up to 1.9 hrs)	36V, 510 AH C6
	(up to 3.1 hrs)	36V, 750 AH C6
	(up to 4.1 hrs)	36V, 930 AH C6

Battery chargers available for all optional batteries

## SOUND LEVEL

Operator's ear\*: 75 dBA; Kpa 3 dBA  
 Sound pressure level tested per IEC 60335-2-72  
 \*Disk unit, vacuum on (water pick up and dust control), squeegee down, brushes on, brushes up

## MACHINE DIMENSIONS

Length basic machine	2,850 mm
Width	
Body	1,370 mm
Body (with side scrub brush)	1,405 mm
Rear squeegee (hard width)	1,245 mm
Height (top of steering wheel)	1,480 mm
With overhead guard	2,096 mm
Weight	
Empty (no battery)	1,515 kg
With 510 AH batteries	2,165 kg
With 930 AH batteries	2,475 kg
Gross vehicle weight (GVW)	3,245 kg
Minimum aisle turn	3,003 mm

## STANDARD FEATURES

1-Step™ one button scrub operation	Onboard diagnostics
Touch-N-Go™ wheel mounted module	Wheel mounted horn
Recover 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 tank drains
Tracking rear parabolic squeegee	No-tool squeegee change
SmartRelease™ breakaway rear squeegee	No-tool brush change
Underwriters Laboratory (UL®) E certified	Automatic filter shaker

## OPTIONAL EQUIPMENT

Pro-Panel™ controls	S.E. (Severe Environment™) switch
ec-H2O™ solution system	Solution auto fill system
ES® Extended Scrub w/detergent metering	Scrubbing side brush
Spray hose (3 m) w/retracting reel	Battery watering system
Vacuum wand (wet pick-up)	Opportunity charging
Slide-out battery system	FOPS certified overhead guard
Heavy-duty rear squeegee guard	High traction rear tire(s)
Deluxe seat w/armrests & seatbelt	AV backup alarm (LED)
Headlights (LED)	Fire extinguisher
IRIS® solution*	Underwriters Laboratory (UL®) Type ES Certified

\*Available in select regions

## WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and pads, please consult the M17 Parts and Consumables Reference Guide