



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

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

SCRUBBING SYSTEM

Cleaning path		
Scrubbing (main scrub deck)	40 in	1,015 mm
With scrubbing side brush	48 in	1,220 mm
Sweeping (main sweeping system)	36 in	915 mm
With dual sweeping side brush	67 in	1,700 mm
Cylindrical main scrub 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	.7 ft ³	20 L
Disk main scrub 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 fans – water recovery (dual)		
Speed	2 x .8 hp	2 x .6 kW
Water lift	14,500 rpm	
	65 in	1,650 mm
Sweeping system		
Dual main sweeping brooms	36.0 in	915 mm
Dual side sweeping brooms	Standard	
Side sweeping broom diameter	19 in	480 mm
Debris capacity (light litter)	3.0 ft ³	85 L
Dump height (variable to)	60 in	1,525 mm
Lift capacity	300 lb	136 kg
Filter canister	54.9 ft ²	5.1 m ²
Vacuum fan (brushless maintenance free)	1.1 hp	0.85 kW

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)	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)	2.5 in	64 mm
Tire front (1), non-marking	13.8 x 5.8 in	350 x 150 mm
Tires rear (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)

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	112.1 in	2,850 mm
Width		
Body	54 in	1,370 mm
Body (with side scrub brush)	55.3 in	1,405 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 (no battery)	3,335 lb	1,515 kg
With 510 AH batteries	4,770 lb	2,165 kg
With 930 AH batteries	5,450 lb	2,475 kg
Gross vehicle weight (GVW)	7,150 lb	3,245 kg
Minimum aisle turn	118.25 in	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 (10 ft/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