



T12 Specifications

Compact Battery Ride-On Floor Scrubber

SCRUBBING SYSTEM

Cleaning path	32 in 810 mm
With scrubbing side brush	41 in 1,040 mm
Cylindrical main brushes	
Brush speed	600 rpm
Brush diameter (2)	7 in 180 mm
Brush down pressure (up to)	200 lb 91 kg
Brush motor (2)	1.0 hp 0.75 kW
Debris Hopper	0.3 ft ³ 10 L
Disk main brushes	
Brush speed	325 rpm
Brush size diameter (2)	16 in 405 mm
Brush down pressure (variable to)	250 lb 114 kg
Brush motor (2)	1.0 hp 0.75 kW
Tanks	
Solution tank	35 gal 132 L
Recovery tank	44 gal 166 L
Demisting chamber	9 gal 34 L
Vacuum fan	0.8 hp 0.6 kW
Speed	14,500 rpm
Water lift	65 in 1,650 mm

PROPELLING SYSTEM

Propel speed forward (transport variable to)	5.0 mph 8 km / h
Propel speed forward (scrubbing variable to)	4.0 mph 6.4 km / h
Propel speed reverse (variable to)	2.5 mph 4 km / h
Propel motor	1.2 hp 0.89 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	3.5 x 10 in 90 x 250 mm
Tires rear (2), solid	4 x 12 in 102 x 300 mm

BATTERY SELECTIONS (runtime: economy mode)

Battery options	
Standard batteries	(up to 2.5 hrs) 36V, 240 AH
Optional: High-capacity batteries	(up to 4.5 hrs) 36V, 360 AH
Optional: Lithium-ion batteries	(up to 2.2 hrs) 4.1 kWh (110 AH)
	(up to 4.5 hrs) 8.2 kWh (221 AH)
	(up to 5.7 hrs) 10.2 kWh (276 AH)

Battery chargers available for standard and all optional batteries

*Vacuum On, Squeegee Down, Brushes On, Brushes Up

SOUND LEVEL

Operator's ear:	
Disk: Mode #2*	62 dBA; Kpa 3 dBA
Cylindrical: Mode #2*	63 dBA; Kpa 3 dBA
Sound pressure level tested per IEC 60335-2-72	

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MACHINE DIMENSIONS

Length	67.25 in 1710 mm
Width	
Body	37.25 in 945 mm
Body (with Side Brush)	42.0 in 1,065 mm
Rear squeegee (hard width)	39 in 990 mm
Height	56 in 1,420 mm
With overhead guard	82.5 in 2,095 mm
Weight	
Empty	1,030 lb 468 kg
With standard 235 AH batteries	1,460 lb 664 kg
Gross Vehicle Weight (GVW)	2,200 lb 1,000 kg
Minimum aisle turn	73 in 1855 mm

STANDARD FEATURES

1-Step™ One Button Scrub Operation	Onboard Diagnostics
Recover Tank Full Indicator	Grip-N-Go Corner Rollers (front)
Non Marking Drive Wheel	Wheel Mounted Water Shut-Off
Yellow Maintenance Touch Points	Automatic Parking Brake
Recovery Tank Debris Tray	Duramer™ Tanks
In-Line Vacuum Fan Filter	Variable Flow Tank Drains
Dura-Track™ Parabolic Squeegee	No-Tool Squeegee Change
SmartRelease™ Breakaway Rear Squeegee	No-Tool Brush Change

OPTIONAL EQUIPMENT

EC-H2O® Solution System	Deluxe Seat w/Belt
Spray Hose (10 ft / 3m) w/Retracting Reel	Scrubbing Side Brush
On Board Charger	Vacuum Wand
Back-Up Rear Safety AV Module (LED)	Head Lights (LED)
Heavy Duty Front Bumper	Overhead guard
Heavy Duty Rear Squeegee Guard	Battery Watering System

WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and pads, please consult the *T12 Parts and Consumables Reference Guide*.