



Model 8300 Specifications

BATTERY SWEEPER-SCRUBBER

Feature			
Sweeping System			
Cleaning path-single side brush (RH side)		50-inch	1,270 mm
-dual side brush		64-inch	1,625 mm
Main sweeping brush	Main brush speed	480 rpm	480 rpm
	Main brush length	36-inch	915 mm
Side sweeping brush	Side brush speed	75 rpm	75 rpm
	Side brush diameter	19-inch	480 mm
Debris hopper	Volume capacity	3 ft ³	85 liter
	Weight capacity	300 lb	135 kg
	Dump height (variable to)	60-inch	1,524 mm
Dust Control System			
Filter system area		52.5 ft ²	4.9 m ²
Vacuum fan speed		4,500 rpm	4,500 rpm
Vacuum fan diameter		9-inch	230 mm
Scrubbing System			
Cleaning path-MaxPro™ 1000 scrub head (standard)		40-inch	1,015 mm
-MaxPro™ 1200 scrub head (optional)		48-inch	1,220 mm
Solution tank		57 gallon	215 liter
Productivity (feet ² per hour)		MP1000 / MP1200	MP1000 / MP1200
Theoretical max		140,659 ft ² / 168,960 ft ²	13,067 m ² / 15,697 m ²
Estimated Coverage* (Conventional)		36,590 ft ² / 44,550 ft ²	3,400 m ² / 4,139 m ²
Estimated Coverage* (ec-H2O™ / FaST®)		48,787 ft ² / 59,400 ft ²	4,532 m ² / 5,518 m ²
Disk scrub head			
Speed		320 rpm	320 rpm
Down pressure weight (variable to)		500 lb	225 kg
Brush diameter (2 MP 1000, 3 MP 1200)		20-inch, 16-inch	510 mm, 405 mm
Cylindrical scrub head			
Speed		500 rpm	500 rpm
Down pressure weight (variable to)		500 lb	225 kg
Brush diameter (2)		9-inch	230 mm
Recovery System			
Recovery tank		74 gallon	280 liter
Vacuum fan speed		14,000 rpm	14,000 rpm
Propelling System			
Propel speed forward (variable to)		5.5 mph	9.0 km/h
Propel speed reverse (variable to)		3.0 mph	5.0 km/h
Propel motor		4.6 hp	3.5 kW
Gradeability	Transport at gross weight	8 deg/14.0%	8 deg/14.0%
	Working (sweeping/scrubbing)	6 deg/10.5%	6 deg/10.5%
Machine Dimensions			
Length		104.0-inch	2,640 mm
Width	Rear squeegee MP 1000	51-inch	1,295 mm
	Rear squeegee MP 1200	59.5-inch	1,510 mm
	Frame (hard)	45.0-inch	1,145 mm
Height-standard		57.0-inch	1,445 mm
-With overhead guard		81.5-inch	2,070 mm
Weight-net with 500 AH battery		4,150 lb	1,895 kg
Minimum aisle turn (left)		113-inch	2,870 mm
Warranty		Please refer to your local Tennant representative for information.	

Underwriter's Laboratory (UL®) E certified
ec-H2O™ is certified to provide high traction by the National Floor & Safety Institute

