

8300



Battery-Powered Sweeper-Scrubber

- Just-scrubbed floors left immediately clean, dry, and safe for traffic in seconds with ec-H₂O™ or FaST® technologies
- Delivers unlimited, fume-free operation with virtually continuous battery power
- Enhances productivity by effectively sweeping and scrubbing at the same time



Electrically Converted Water



The Safe Scrubbing Alternative®



Extended Scrubbing

Multi-tasking workhorse provides effortless, one-pass cleaning

Superior scrubbing performance

MaxPro™ Scrubbing Technology maintains consistent down-pressure on brushes for better cleaning performance and longer brush life.

The safest way to clean

Increase safety and cleanliness with chemical-free ec-H2O™ or FaST® Foam Activated Technology. The 8300 uses up to 70% less water with both technologies and a 100% less detergent with ec-H2O™ and 90% less detergent with FaST®.

Easy to use

One-button operation plus simple, no-tool access to the battery, brushes and squeegee system makes the 8300 easy for operators.



MUST-HAVE OPTIONS

Extend your cleaning reach

Dual side brushes create a 64 in / 1630 mm cleaning path for world class productivity.

Industrial performance




Add productivity and versatility with a squeegee wand.

Increase productivity up to 3 hours

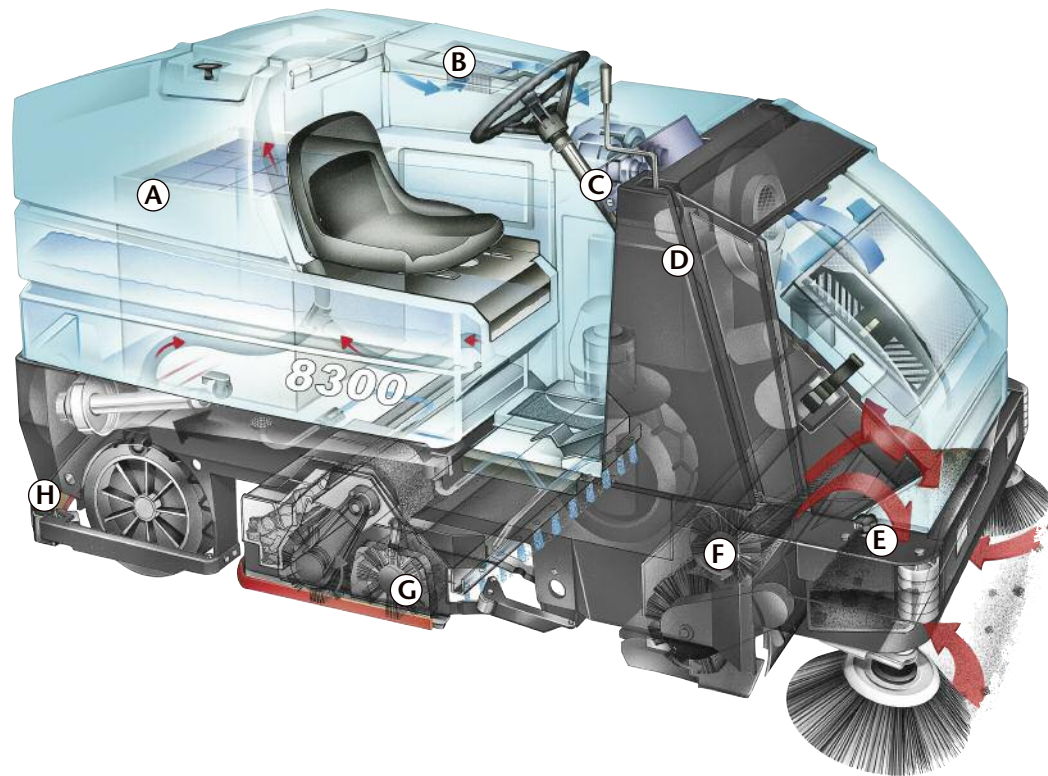
Dramatically extend cleaning time, even when cleaning porous concrete, by continually filtering and recycling recovered solution with the ES® system.



Exclusive Technologies (optional cleaning innovations)

	 Electrically converted water	 Foam-activated chemical	 Recycled for extended scrubbing
Increase safety	<ul style="list-style-type: none"> • High traction certified by NFSI • Reduce chemical accidents 	<ul style="list-style-type: none"> • High traction certified by NFSI • Eliminate measuring and mixing 	<ul style="list-style-type: none"> • Reduce chemical handling by 66% (Three cycles maximum per fill)
Reduce costs	<ul style="list-style-type: none"> • Eliminate purchase of daily cleaners • Reduce water consumption and disposal by up to 70% 	<ul style="list-style-type: none"> • Reduce chemical usage up to 90% • Reduce water consumption and disposal by up to 70% 	<ul style="list-style-type: none"> • Reduce water consumption and disposal by up to 66%
Soil type	<ul style="list-style-type: none"> • Replace daily cleaners • Effective on food-based oils and greases 	<ul style="list-style-type: none"> • Three grades of chemical from light-duty cleaner to heavy-duty degreaser 	<ul style="list-style-type: none"> • All grades of chemical – mainly medium cleaner to heavy-duty degreaser

All technologies increase scrub time up to three times



- A** Extended run-time from large-capacity batteries.
- B** No-mess clean-up from large, easy-access recovery tanks.
- C** Operator comfort is maximized with standard power steering.
- D** Maximize productivity with ec-H2O™, FaST®, or ES® technologies.
- E** Productivity is increased via 300 lb/136 kg capacity “smart-hopper.”
- F** Patented MTS™ (Multi-Technology Sweeping) system delivers the highest direct-throw sweeping performance: a re-directional cylinder sweeps debris into the hopper without brush carry-over.
- G** Customize to exact specifications with cylindrical or disc brushes.
- H** Break-away, parabolic, no-tool-change squeegee with alarm for quick maintenance.

Tennant Company Environmental Stewardship



ec-H2O™ and FaST® technologies are NFSI (National Floor Safety Institute) Certified. NFSI certification ensures a product has passed a 2-phase testing process, proving the floor product helps to reduce potential for slip-and-fall accidents.



ec-H2O™ and FaST® technologies are registered by NSF International. NSF International is an independent, not-for-profit organization that ensures formulation and labels on these products meet appropriate food safety regulations.



ec-H2O™ and FaST® technologies may contribute to LEED or LEED-EBOM (Existing Building: Operations & Maintenance) points, provided other appropriate criteria are met. For more information on obtaining LEED points, please contact your sales rep or refer to the USGBC website at: www.usgbc.org.



FaST® is a Green Seal (GS-37) Certified Detergent. Green Seal evaluates and certifies cleaning products based on criteria such as the toxicity of the product, skin and eye irritation, skin sensitization, combustibility, toxicity to aquatic life, and packaging.



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

8300 BATTERY-POWERED SWEEPER-SCRUBBER

FEATURES

Sweeping System

Cleaning Path

Single Side Brush (RH Side)	50 in	1270 mm
Dual Side Brush	64 in	1630 mm
Main Brush Length	36 in	920 mm
Brush Motor	.8 hp	0.60 kW
Side Brush diameter	19 in	490 mm
Hopper Volume Capacity	3 ft ³	85 L
Hopper Weight Capacity	300 lb	136 kg
Hopper Dump Height	60 in	1530 mm

Scrubbing System

Cleaning Path

MaxPro™ 1000 Scrubhead	40 in	1020 mm
MaxPro™ 1200 Scrubhead	48 in	1220 mm
Edge Scrub Reach	5 in	130 mm
Solution Tank	57 gal	216 L
Demisting Chamber	17 gal	64 L
Solution Recycling Tank (ES™ Option)	90 gal	340 L
Disc Scrubhead		
Brush Speed	320 rpm	320 rpm
Brush Down Pressure (variable to)	500 lb	227 kg
Brush Size (2) MP1000 diameter	20 in	510 mm
Brush Size (3) MP1200 diameter	16 in	410 mm
Brush Motor (2) MP1000 and (3) MP1200	1 hp	0.75 kW
Cylindrical Scrubhead		
Brush Speed	500 rpm	500 rpm
Brush Down Pressure (variable to)	500 lb	227 kg
Brush Size (2) diameter	9 in	230 mm
Brush Motor (2)	1.5 hp	1.1 kW

Recovery System

Recovery Tank	74 gal	280 L
Vacuum Fan Speed	14,000 rpm (each of 2)	
Vacuum Water Lift	65 in	1650 mm
Vacuum Fans (2)	.85 hp	0.63 kW

Propelling System

Propel Speed Forward (variable to)	5.5 mph	8.8 km/h
Propel Speed Reverse (variable to)	3.0 mph	4.8 km/h
Propel Motor	4.6 hp	3.4 kW
Gradeability		
Transport at Gross Weight	8°/14%	8°/14%
Working (Sweeping/Scrubbing)	6°/10.5%	6°/10.5%
Ground Clearance (Transport)	2 in	50 mm
Tires Front (1), Solid	6 in x 16.25 in	150 mm x 410 mm
Tire Rear (2), Solid	5.0 in x 16 in	130 mm x 410 mm

SEEING IS BELIEVING

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