

**NOBLES**  
ENGINEERED BY TENNANT COMPANY

SPEED SCRUB  
300

# SPEED SCRUB® 300

Walk-Behind Floor Scrubber



# High performance, consistent results on virtually any hard surface.

## The Speed Scrub® 300

### Cost Effective & Reliable

- Improved and durable components extend machine life and reduce cost of ownership
- Effective scrubbing capabilities for cleaner floors in fewer passes

### Versatile Cleaning Performance

- Outstanding water pick-up for reduced slip and fall accidents
- Minimize water consumption with optional ec-H<sub>2</sub>O NanoClean™ technology
- Quiet 67 dBA noise level for daytime cleaning with minimal disruption

### Easy Operation & Maintenance

- Easy to use with ergonomic design delivers foot activated squeegee to minimize bending and wider handle for improved machine operation
- Optional Insta-Click™ head for easy, low-touch pad attachment and removal



## Five key features

### 1. Insta-Click™

Magnetic head allows pads and brushes to be ergonomically positioned and results in faster installation.



### 2. Improved Squeegee Design

Helps ensure dirt and soils are removed from the floor for minimum risk of slip-and-fall accidents, and yellow touch points simplifies preventative maintenance and training requirements.



### 3. Stone care daily maintenance capabilities

A complete floor care process that restores the natural beauty of porous stone and produces a remarkable, long-lasting shine with the 3M™ Stone Floor Protection System.



Built to be **tough**. Made to be **easy**.



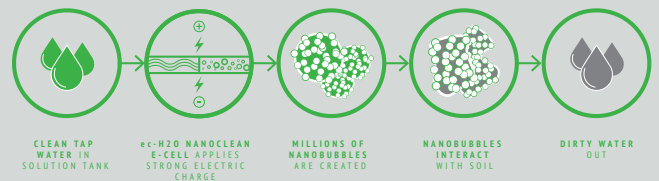
## EXCLUSIVE TECHNOLOGY

(optional cleaning innovations)



ec-H2O NanoClean™ technology electrically converted water is created by an on-board e-cell that generates millions of very tiny microscopic bubbles known as nanobubbles that promote the cleaning efficacy of the solution.

This next generation solution offers the same great benefits of the first generation and now cleans better and cleans more soils in more applications. The name NanoClean, refers to the generation of nano-scale bubbles that are an important part of the cleaning mechanism.



### 4. Superior On Board Storage

Equipped with integrated squeegee holder, optional storage rail and hooks provides storage for debris bag, wet floor sign and spray bottles for maximum productivity.



### 5. Orbital

Chemical-free floor finish removal delivers aggressive 2200 rpm agitation with up to 109 pounds of down pressure.



## SPEED SCRUB® 300 WALK-BEHIND FLOOR SCRUBBER

	SINGLE DISK		SINGLE DISK		DUAL DISK	CYLINDRICAL	ORBITAL
	17 IN/430 MM	17 IN/430 MM	20 IN/500 MM	20 IN/500 MM	24 IN/600 MM	20 IN/500 MM	20 IN/500 MM
	PAD ASSIST	SELF-PROPEL	PAD ASSIST	SELF-PROPEL	SELF-PROPEL	SELF-PROPEL	SELF-PROPEL
Productivity (per hour)							
Theoretical Max	17,000 ft <sup>2</sup> /1,579 m <sup>2</sup>		20,000 ft <sup>2</sup> /1,858 m <sup>2</sup>		24,000 ft <sup>2</sup> /2,230 m <sup>2</sup>	20,000 ft <sup>2</sup> /1,858 m <sup>2</sup>	20,000 ft <sup>2</sup> /1,858 m <sup>2</sup>
Estimated Coverage*							
Conventional	9,340 ft <sup>2</sup> /868 m <sup>2</sup>	12,453 ft <sup>2</sup> /1,157 m <sup>2</sup>	11,208 ft <sup>2</sup> /1,041 m <sup>2</sup>	14,943 ft <sup>2</sup> /1,388 m <sup>2</sup>	18,264 ft <sup>2</sup> /1,697 m <sup>2</sup>	14,943 ft <sup>2</sup> /1,388 m <sup>2</sup>	14,943 ft <sup>2</sup> /1,388 m <sup>2</sup>
ec-H2O NanoClean™	9,668 ft <sup>2</sup> /898 m <sup>2</sup>	12,891 ft <sup>2</sup> /1,198 m <sup>2</sup>	11,602 ft <sup>2</sup> /1,078 m <sup>2</sup>	15,469 ft <sup>2</sup> /1,437 m <sup>2</sup>	18,906 ft <sup>2</sup> /1,756 m <sup>2</sup>	15,469 ft <sup>2</sup> /1,437 m <sup>2</sup>	15,469 ft <sup>2</sup> /1,437 m <sup>2</sup>
BRUSH DRIVE SYSTEM							
Scrub motor	24 VDC, 1 hp/0.75 kW		24 VDC, 1 hp/0.75 kW		24 VDC, 1 hp/0.75 kW	24 VDC, 1 hp/0.75 kW	0.6 hp/0.45 kW
Brush/pad RPM	230 rpm		230 rpm		285 rpm	1,065 rpm	2,200 rpm
Brush/pad pressure	47 lbs/21 kg		51 lbs/23 kg		57 lbs/26 kg	53 lbs/24 kg	63 lbs/29 kg
	Optional 86 lbs/39 kg		Optional 90 lbs/41 kg		Optional 97 lbs/44 kg	Optional 64 lbs/29 kg	Optional 109 lbs/49 kg
SOLUTION/RECOVERY SYSTEM							
Solution tank capacity	11 gal/42 L		11 gal/42 L		11 gal/42 L	11 gal/42 L	11 gal/42 L
Recovery tank capacity	14 gal/53 L		14 gal/53 L		14 gal/53 L	14 gal/53 L	14 gal/53 L
Vacuum motor	24 VDC, 0.6 hp/0.47 kW		24 VDC, 0.6 hp/0.47 kW		24 VDC, 0.6 hp/0.47 kW	24 VDC, 0.6 hp/0.47 kW	24 VDC, 0.6 hp/0.47 kW
Vacuum waterlift	34.5 in/876 mm		34.5 in/876 mm		34.5 in/876 mm	34.5 in/876 mm	34.5 in/876 mm
CLEANING TECHNOLOGY							
Conventional	Standard		Standard		Standard	Standard	Standard
ec-H2O NanoClean™	Optional		Optional		Optional	Optional	Optional
BATTERY SYSTEM							
System voltage	24 volt		24 volt		24 volt	24 volt	24 volt
Battery types (Wet 105AH, Wet 130AH, Wet 155AH, Sealed AGM 140AH)	2 required		2 required		2 required	2 required	2 required
Battery run time (up to hours)	3.4	3.1	2.8	2.6	2.9	2.5	3.8
On-board charger	Standard		Standard		Standard	Standard	Standard
Off-board charger	Optional		Optional		Optional	Optional	Optional
MACHINE SPECIFICATIONS							
Length	51.25 in/1,302 mm		54 in/1,372 mm		51.75 in/1,314 mm	50.50 in/1,283 mm	49 in/1,245 mm
Width	20 in/500 mm		22 in/559 mm		26 in/660 mm	25 in/635 mm	20.5 in/1,245
Height	43.10 in/1,095 mm		43.10 in/1,095 mm		43.10 in/1,095 mm	43.10 in/1,095 mm	43.10 in/1,095 mm
Weight (without batteries)	220 lbs/98 kg	230 lbs/104 kg	230 lbs/104 kg	240 lbs/109 kg	250 lbs/113 kg	250 lbs/113 kg	255 lbs/216 kg
Weight (with batteries)	366 lbs/166 kg	390 lbs/177 kg	376 lbs/171 kg	400 lbs/181 kg	410 lbs/186 kg	410 lbs/186 kg	415 lbs/188 kg
Sound level (operator's ear)	67 dBA		67 dBA		67.7 dBA	68.7 dBA	67.5 dBA
WARRANTY							

See your local representative for warranty information



ec-H2O NanoClean™ technology is NFSI (National Floor Safety Institute) Certified



ec-H2O NanoClean technology is registered by NSF International

\* Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.  
 \*\* Run times are based on Continuous Scrubbing Run Times.  
 \*\*\* Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA.

Specifications subject to change without notice.

Engineered by Tennant Company, the Speed Scrub® 300 is the smart, reliable choice for your no-nonsense cleaning needs.

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