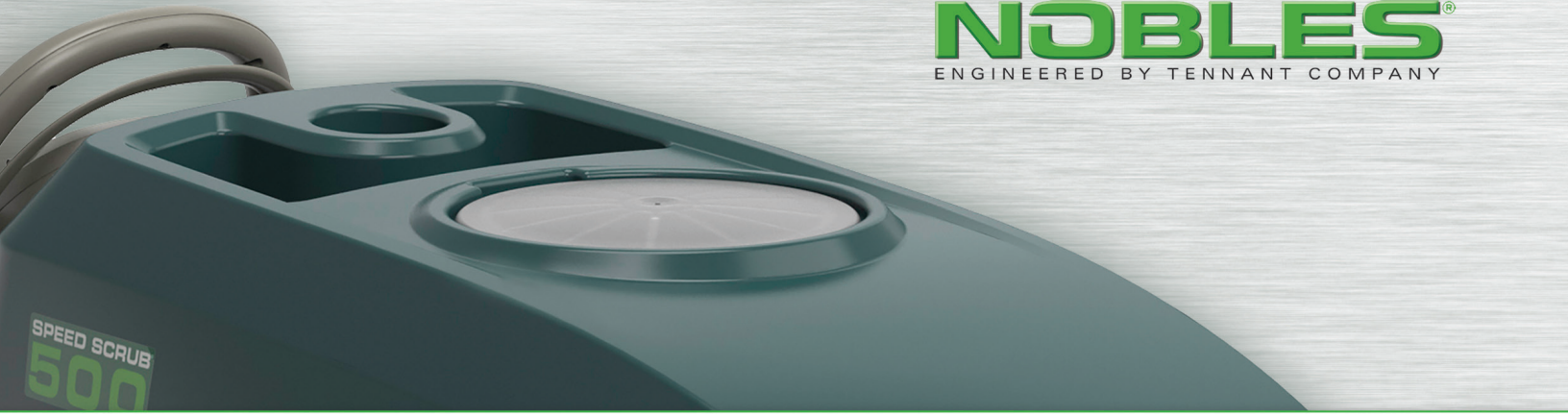


**NOBLES**<sup>®</sup>  
ENGINEERED BY TENNANT COMPANY



# SPEED SCRUB<sup>®</sup> 500

Orbital Walk-Behind Floor Scrubber



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

## Speed Scrub® 500 Orbital Walk-Behind

### Cost Effective & Reliable

- Reduce costs to clean by virtually eliminating slippery floor stripping chemicals and postponing expensive and time consuming stripping
- Increase productivity with 28 in / 700 mm orbital scrubbing path width
- Ensure consistent cleaning performance and full pad saturation with unique solution disbursement system

### Versatile Cleaning Performance

- Evenly and effectively remove floor finish with one of the highest standard orbital down pressure settings at 170 lb / 77 kg
- Easily clean textured and grouted floors through consistent down pressure and multiple pad options
- Clean quietly with a low, 66.9 dBA noise level
- Quickly and easily remove floor finish with high RPMs, heavy down pressure, and surface prep pad without using caustic stripping chemicals
- Reduce water consumption and disposal of cleaning detergents into the waste stream with optional ec-H2O NanoClean® technology

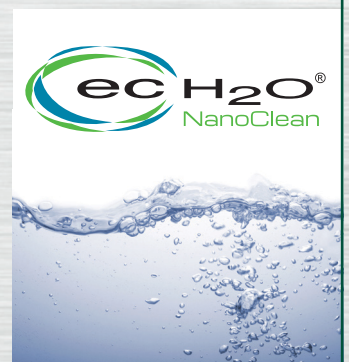
### Easy Operation & Maintenance

- On-board machine graphics make the machine easy to operate
- Ensure operator comfort and reduce vibrations with 10 long-lasting isolators
- Trust in the quality and durability of the orbital head with a 2,000 hour/3-year isolator warranty.



## Three key options

- 1. ec-H2O NanoClean® technology**  
This technology electronically converts water into an innovative detergent-free cleaning solution.



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

## **SIMPLE. DURABLE. RELIABLE.**

SS500 orbital is a simple yet durable machine, ideal for daily cleaning and specialty work.

### **MARKETS:**

Education  
Healthcare  
Retail  
Hospitality

### **APPLICATIONS:**

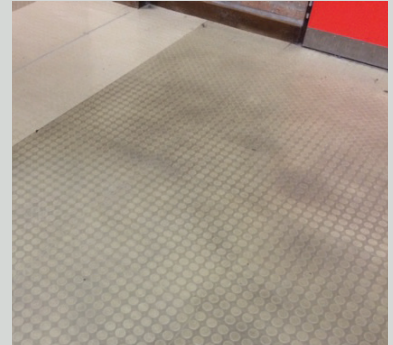
Aisle Ways  
Checkout Counters  
Classrooms  
Entryways  
Cafeterias  
Kitchens

### **FLOOR TYPES:**

Uneven and Textured Floors  
Grouted Ceramic and Porcelain  
Tile  
VCT  
Polished Stone  
Marmoleum®  
Teknoflor®



Marmoleum®



Textured Floor



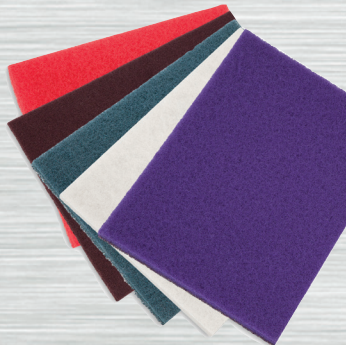
Grouted Tile



Polished Stone

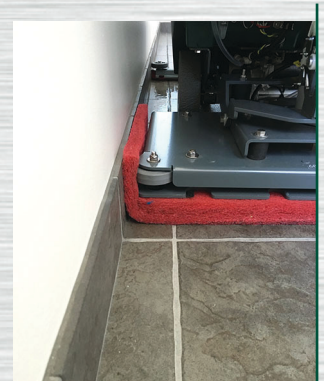
## **2. Pads**

Nobles provides multiple cleaning pads to address a variety of cleaning conditions.



## **3. Versatility**

Effortlessly clean edges and baseboards using rectangular cleaning head options.



## SPEED SCRUB® 500 ORBITAL WALK-BEHIND FLOOR SCRUBBER



**ec-H2O NanoClean® and FaST® technologies are NFSI (National Floor**

**Safety Institute) Certified.** NFSI certified products must pass a 2-phase wet slip resistance process and have been shown to reduce the potential for slip-and-fall accidents.



**ec-H2O NanoClean 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 NanoClean 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](http://www.usgbc.org)



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

28 IN / 700 MM

Productivity (per hour)	
Theoretical Max	28,000 ft <sup>2</sup> /hr / 2,601 m <sup>2</sup> /hr
Estimated Coverage*	
Conventional	20,260 ft <sup>2</sup> /hr / 1,882 m <sup>2</sup> /hr
ec-H2O NanoClean®	21,527 ft <sup>2</sup> /hr / 2,000 m <sup>2</sup> /hr

### BRUSH DRIVE SYSTEM

Scrub motor	24 VDC, 0.75 hp / 0.55 kW
Brush/pad RPM	2,200 rpm
Brush down pressure	
Low	110 lbs / 50 kg
High	170 lbs / 77 kg

### SOLUTION/RECOVERY SYSTEM

Solution tank capacity	22.5 gal / 85 L
Recovery tank capacity	27 gal / 102 L
Vacuum motor	24 VDC, 0.46 hp / 0.34 kW
Vacuum waterlift	34 in / 864 mm

### CLEANING TECHNOLOGY

Conventional	Standard
ec-H2O NanoClean	Optional

### BATTERY SYSTEM

System voltage	24 volt
Battery types (4 required)	
Wet 225AH	Standard
Wet 260AH	Optional
Sealed AGM 220AH	Optional
Battery run time - Wet 260AH (up to hours)**	4.0
On-board charger or off-board charger	Standard
Smart-Fill™ Automatic Battery Watering Tank Capacity (optional)	0.66 gal / 2.5 L

### PROPELLING SYSTEM

Scrubbing speed	2.3 mph / 3.7 kph
Transport speed	2.7 mph / 4.3 kph

### MACHINE SPECIFICATIONS

Length	58.5 in / 1,486 mm
Width	28.0 in / 710 mm
Height	43.3 in / 1,100 mm
Squeegee width	41.3 in / 1,049 mm
Aisle turnaround width	59 in / 1,499 mm
Weight (without batteries)	370 lbs / 168 kg
Weight (with batteries)	660 lbs / 299 kg
GVW	850 lb / 386 kg
Sound level (operator's ear)***	66.9 dBA

### WARRANTY

See your local representative for warranty information

\* Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.

\*\* Up to run times are based on continuous scrubbing run times, 260AH batteries, low down pressure, ec-H2O off.

\*\*\* 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® 500 Orbital is the smart, reliable choice for your no-nonsense cleaning needs.

### Nobles

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