



# Speed Scrub® 500 | Walk-Behind Scrubber

## Product Specifications

FEATURES	26 in / 650 mm Disk	28 in / 700 mm Disk	32 in / 800 mm Disk	28 in / 700 mm Cylindrical	28 in / 700 mm Orbital
Productivity (per hour) Theoretical Max	28,600 ft <sup>2</sup> /hr / 2,657 m <sup>2</sup> /hr	30,800 ft <sup>2</sup> /hr / 2,861 m <sup>2</sup> /hr	35,200 ft <sup>2</sup> /hr / 3,270 m <sup>2</sup> /hr	30,800 ft <sup>2</sup> /hr / 2,861 m <sup>2</sup> /hr	28,000 ft <sup>2</sup> /hr / 2,601 m <sup>2</sup> /hr
Estimated Coverage* - Conventional	20,571 ft <sup>2</sup> /hr / 1,911 m <sup>2</sup> /hr	22,286 ft <sup>2</sup> /hr / 2,070 m <sup>2</sup> /hr	25,714 ft <sup>2</sup> /hr / 2,389 m <sup>2</sup> /hr	22,286 ft <sup>2</sup> /hr / 2,070 m <sup>2</sup> /hr	20,260 ft <sup>2</sup> /hr / 1,882 m <sup>2</sup> /hr
Estimated Coverage* - ec-H <sub>2</sub> O NanoClean®	23,124 ft <sup>2</sup> /hr / 2,148 m <sup>2</sup> /hr	23,680 ft <sup>2</sup> /hr / 2,200 m <sup>2</sup> /hr	27,323 ft <sup>2</sup> /hr / 2,538 m <sup>2</sup> /hr	23,680 ft <sup>2</sup> /hr / 2,200 m <sup>2</sup> /hr	21,527 ft <sup>2</sup> /hr / 2,000 m <sup>2</sup> /hr
<b>BRUSH DRIVE SYSTEM</b>					
Scrub motor	2x 24 VDC, 0.75 hp / 0.55 kW	2x 24 VDC, 0.75 hp / 0.55 kW	2x 24 VDC, 0.75 hp / 0.55 kW	2x 24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.75 hp / 0.55 kW
Brush Pad RPM	220 RPM	220 RPM	220 RPM	1500 RPM	2200 PRM
Brush down pressure	low: 65 lbs / 29.5 kg high: 120 lbs / 54.5 kg	low: 70 lbs / 32 kg high: 120 lbs / 54.5 kg	low: 75 lbs / 34 kg high: 120 lbs / 54.5 kg	low: 85 lbs / 38.5 kg high: 120 lbs / 54.5 kg	low: 110 lbs / 50 kg high: 170 lbs / 77 kg
<b>SOLUTION/RECOVERY SYSTEM</b>					
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 water lift	34 in / 864 mm				
<b>CLEANING TECHNOLOGY</b>					
Conventional				Standard	
ec-H <sub>2</sub> O NanoClean				Optional	
<b>BATTERY SYSTEM</b>					
System Voltage				24 Volt	
Battery Types - Wet 225AH Wet 260AH Sealed AGM 220AH Lithium-Ion, Lithium-ion 90AH, Lithium-ion 180AH				Standard Optional Optional Optional	
Battery Run Time - Wet 260AH or Lithium-Ion 180AH (up-to hours)	4.5	4.5	4.2	3.6	4.0
On-board or off-board charger	Wet/AGM Onboard Only, Lithium-ion (Onboard or Offboard)				
Smart-Fill™ Automatic Battery Watering Tank Capacity (Option)	0.66 gal / 2.5 L				
<b>PROPELLING SYSTEM</b>					
Scrubbing speed	2.5 mph / 4.0 kph			2.3 mph / 3.7 kph	
Transport speed	2.7 mph / 4.3 kph				

<b>MACHINE SPECIFICATIONS</b>	<b>26 in / 650 mm Disk</b>	<b>28 in / 700 mm Disk</b>	<b>32 in / 800 mm Disk</b>	<b>28 in / 700 mm Cylindrical</b>	<b>28 in / 700 mm Orbital</b>
Length	58.5 in / 1486 mm	59.1 in / 1501 mm	61.1 in / 1552 mm	59.1 in / 1501 mm	58.5 in / 1486 mm
Width	27.5 in / 700 mm	29.5 in / 750 mm	33.5 in / 850 mm	30.7 in / 780 mm	28.0 in / 710 mm
Height	43.3 in / 1100 mm	43.3 in / 1100 mm	43.3 in / 1100 mm	43.3 in / 1100 mm	43.3 in / 1100 mm
Squeegee width	38.3 in / 973 mm	41.3 in / 1049 mm	46.6 in / 1234 mm	46.6 in / 1234 mm	41.3 in / 1049 mm
Aisle turnaround width	59 in / 1499 mm	59.6 in / 1514 mm	61.6 in / 1565 mm	59.6 in / 1514 mm	59 in / 1499 mm
Weight (without batteries)	320 lb / 145 kg	330 lb / 150 kg	355 lb / 161 kg	370 lb / 168 kg	370 lb / 168 kg
Weight (with batteries)	610 lb / 277 kg	620 lb / 281 kg	645 lb / 293 kg	660 lb / 299 kg	660 lb / 299 kg
GVW	800 lb / 363 kg	810 lb / 367 kg	835 lb / 379 kg	850 lb / 386 Kg	850 lb / 386 Kg
Sound level (operator's ear)***	67.4 dBA	67.4 dBA	67.4 dBA	68.3 dBA	66.9 dBA

\*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 are subject to change without notice.**