

# T500 Specifications



FEATURE	650 mm Disk	700 mm Disk	800 mm Disk	700 mm Cylindrical	700 mm Orbital
Productivity (per hour) Theoretical Max	3.382 m <sup>2</sup> /h	3.642 m <sup>2</sup> /h	4.162 m <sup>2</sup> /h	3.642 m <sup>2</sup> /h	2.861 m <sup>2</sup> /h
Estimated Coverage* - Conventional	2.432 m <sup>2</sup> /h	2.635 m <sup>2</sup> /h	3.040 m <sup>2</sup> /h	2.635 m <sup>2</sup> /h	2.070 m <sup>2</sup> /h
Estimated Coverage* - ec-H2O NanoClean™	2.734 m <sup>2</sup> /h	2.800 m <sup>2</sup> /h	3.231 m <sup>2</sup> /h	2.800 m <sup>2</sup> /h	2.200 m <sup>2</sup> /h
<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 RPM
Brush down pressure	low: 18 kg med: 36 kg high: 54,5 kg	low: 18 kg med: 36 kg high: 54,5 kg	low: 18 kg med: 36 kg high: 54,5 kg	low: 18 kg med: 36 kg high: 54,5 kg	low: 50 kg med: 63,5 kg high: 77 kg
<b>SOLUTION/RECOVERY SYSTEM</b>					
Solution tank capacity	85 L				
Recovery tank capacity	102 L				
Vacuum motor	24 VDC, 0,63 hp / 0,47 kW				
Vacuum water lift	1170 mm				
Vacuum water lift - Quiet-Mode™	810 mm				
<b>CLEANING TECHNOLOGY</b>					
Conventional	Standard				
ec-H2O NanoClean	Optional				
Severe Environment™ (optional only with ec-H2O NanoClean)	Optional				
Severe Environment detergent tank capacity	2,5 L				
<b>BATTERY SYSTEM</b>					
System Voltage	24 Volt				
Battery Types - 4 required					
Wet 210AH C/5	Optional				
Sealed AGM 180AH C/5	Optional				
Battery run time - Wet 210AH C/5 (up-to hours)**	5,6	5,6	5,1	5,1	4,7
On-board or off-board charger	Optional				
Smart-Fill™ Automatic Battery Watering Tank Capacity	2,5 L				

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PROPELLING SYSTEM					
Scrubbing speed	5,0 km/h				Low & Med down pressure: 4,0 km/h High down pressure: 3,7 km/h
Transport speed	5,5 km/h				
MACHINE SPECIFICATIONS					
Length	1486 mm	1501 mm	1552 mm	1501 mm	1486 mm
Width	700 mm	750 mm	850 mm	780 mm	710 mm
Height	1100 mm	1100 mm	1100 mm	1100 mm	1100 mm
Squeegee width	973 mm	1049 mm	1234 mm	1234 mm	1049 mm
Aisle turnaround width	1499 mm	1514 mm	1565 mm	1514 mm	1499 mm
Weight (without batteries)	145 kg	150 kg	161 kg	168 kg	168 kg
Weight (with batteries)	277 kg	281 kg	293 kg	299 kg	299 kg
GVW	363 kg	367 kg	379 kg	386 Kg	386 Kg
Sound level (operator's ear)***	66.5 dBA	66.5 dBA	66.5 dBA	66.4 dBA	67.0 dBA
Quiet-Mode™ (operator's ear)***	61.7 dBA	61.7 dBA	61.7 dBA	61.8 dBA	60.6 dBA
FLOW RATES					
Conventional solution flow rate	Low: 1,14 L/min med: 1,33 L/min high: 1,90 L/min	low: 1,14 L/min med: 1,33 L/min high: 1,90 L/min	low: 1,14 L/min med: 1,33 L/min high: 1,90 L/min	low: 1,14 L/min med: 1,33 L/min high: 1,90 L/min	low: 1,14 L/min med: 1,33 L/min high: 1,90 L/min
ec-h2O NanoClean solution flow rate	low: 0,57 L/min med: 0,84 L/min high: 1,14 L/min	low: 0,84 L/min med: 1,25 L/min high: 1,67 L/min	low: 0,84 L/min med: 1,25 L/min high: 1,67 L/min	low: 0,84 L/min med: 1,25 L/min high: 1,67 L/min	low: 0,84 L/min med: 1,25 L/min high: 1,67 L/min
*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, Wet 210AH C/5 batteries, Quiet-Mode setting, low down pressure, ec-H2O off.					
***Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment manufacturers & OSHA.					
<b>Specifications are subject to change without notice.</b>					