

# T500e

## Walk-Behind Floor Scrubber



### Included Technologies



ec-H2O NanoClean®



IRIS® Asset Manager



Smart-Fill™ Automatic  
Battery Watering



### Optimize Battery Performance

Increase battery life, extend battery run-time and easily optimize long-term battery performance with a nearly maintenance-free automatic battery watering system.



### Orbital Scrubbing

Ideal for daily cleaning or chemical-free floor finish removal.



### Yellow Touch Points

Help prevent breakdowns and simplify preventative maintenance and training requirements with yellow touch points.

# Inside the T500e

- 1. Easily clean tanks** to help reduce mold, bacteria, and other contaminants.
- Easily fill your machine with an **accessible port** up front.
- Quickly and ergonomically install disk pads and brushes with **Insta-Fit™** and gimbal mount heads.
- Virtually eliminate** water drips after cleaning with an integrated p-trap.
- Easily and ergonomically** lower and raise the foot activated squeegee.
- Improve operator ergonomics** with propel direction switch and speed settings within easy reach.



## T500e Specifications

|   | DUAL DISK  |  |  | CYLINDRICAL  | ORBITAL  |
|---|--|--|--|--|--|
|   | 26 in/650 mm   | 28 in/700 mm   | 32 in/800 mm   | 28 in/700 mm   | 28 in/710 mm   |
| Productivity (per hour) Theoretical Max | 28,600 ft <sup>2</sup> /hr<br>2,657 m <sup>2</sup> /hr | 30,800 ft <sup>2</sup> /hr<br>2,861m <sup>2</sup> /h   | 35,200 ft <sup>2</sup> /hr<br>3,270 m <sup>2</sup> /hr | 30,800 ft <sup>2</sup> /hr<br>2,861 m <sup>2</sup> /h  | 28,800 ft <sup>2</sup> /hr<br>2,601 m <sup>2</sup> /hr |
| Estimated Coverage* Conventional        | 20,571 ft <sup>2</sup> /hr<br>1,911 m <sup>2</sup> /hr | 22,286 ft <sup>2</sup> /hr<br>2,070 m <sup>2</sup> /h  | 25,714 ft <sup>2</sup> /hr<br>2,389 m <sup>2</sup> /hr | 22,286 ft <sup>2</sup> /hr<br>2,070 m <sup>2</sup> /h  | 20,260 ft <sup>2</sup> /hr<br>1,882 m <sup>2</sup> /hr |
| Estimated Coverage* ec-H2O NanoClean®   | 23,124 ft <sup>2</sup> /hr<br>2,148 m <sup>2</sup> /hr | 23,680 ft <sup>2</sup> /hr<br>2,200 m <sup>2</sup> /hr | 27,323 ft <sup>2</sup> /hr<br>2,538 m <sup>2</sup> /hr | 23,680 ft <sup>2</sup> /hr<br>2,200 m <sup>2</sup> /hr | 21,527 ft <sup>2</sup> /hr<br>2,000 m <sup>2</sup> /hr |
| Scrub motor                             | 2 x 24 VDC, .75 hp/.55 kW                              |  |  | 2 x 24 VDC, .63 hp/.47 kW                              | 1 x 24 VDC, .75 hp/.55 kW                              |
| Brush pad RPM                           | 220 rpm  |  |  | 1,500 rpm  | 2,200 rpm  |
| Brush down pressure (low   high)        | 65 lbs/29.5kg<br>120 lbs/54.5 kg                       | 70 lbs/29.5<br>120 lbs/54.5 kg                         | 75 lbs/29.5 kg<br>120 lbs/54.5 kg                      | 85 lbs/38.5 kg<br>120 lbs/54.5 kg                      | 110 lbs/50 kg<br>170 lbs/77 kg                         |
| Solution tank capacity                  | 22.5 gal / 85 L  |  |  | 22.5 gal / 85 L  | 22.5 gal / 85 L  |
| Recovery tank capacity                  | 27 gal / 102 L   |  |  | 27 gal / 102 L   | 27 gal / 102 L   |
| Vacuum motor                            | 24 VDC, .46 hp / .34 kW                                |  |  | 24 VDC, .46 hp / .34 kW                                | 24 VDC, .46 hp / .34 kW                                |
| Vacuum waterlift                        | 34 in / 864 mm   |  |  | 34 in / 864 mm   | 34 in / 864 mm   |
| System voltage                          | 24 volt  |  |  | 24 volt  | 24 volt  |
| Battery run time (up to hours)**        | 4.5  | 4.5  | 4.2  | 3.6  | 4.0  |
| Length x width x height                 | 58.5 x 27.5 x 43.3 in<br>1,486 x 700 x 1,100 mm        | 59.1 x 29.5 x 43.3 in<br>1,501 x 750 x 1,100 mm        | 61.1 x 33.5 x 43.3 in<br>1,552 x 850 x 1,100 mm        | 59.1 x 30.7 x 43.3 in<br>1,501 x 780 x 1,100 mm        | 58.5 x 28 x 43.3 in<br>1,486 x 710 x 1,100 mm          |
| Weight (with Batteries)                 | 610 lb / 277 kg  | 620 lb / 281 kg  | 645 lb / 293 kg  | 660 lbs / 299 kg                                       | 660 lbs / 299 kg                                       |
| Sound level (operator's ear)***         | 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 subject to change without notice and will vary throughout the operation of the machine; averages are shown.

For a demonstration or additional information,  
call **+1.800.553.8033** or email **info@tennantco.com**