



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# T500/T500e ORBITAL WALK-BEHIND FLOOR SCRUBBER

Delivering high performance and consistent results for virtually any hard surface condition while lowering cleaning costs

- Evenly and effectively remove floor finish with one of the highest standard orbital down pressure settings at 170 lb / 77 kg
- Effectively remove floor finish without expensive stripping chemicals
- Trust in the quality and durability of the orbital head with a 2,000 hour/3-year isolator warranty

# IMPROVE THE EFFECTIVENESS OF YOUR CLEANING RESOURCES, INVESTMENTS, AND OPERATIONS



## REDUCE COST TO CLEAN

- **Reduce costs to clean** by virtually eliminating slippery floor stripping chemicals and postponing expensive and time consuming stripping.
- **Standardize your cleaning operations** with programmable Zone Settings™.
- **On-board machine instructions** help ensure machine is operated in a safe manner for better results, simplified training, and reduced costs to clean.
- **Increase productivity** with 28 in/700mm orbital scrubbing path width

## ENHANCE FACILITY IMAGE

- **Easily clean textured and grouted floors** through consistent down pressure and multiple pad options.
- **Ensure consistent cleaning performance and full pad saturation** with unique solution disbursement system.
- **Virtually eliminate water drips** left behind after lifting the squeegee with an integrated P-trap and vacuum delay.

## IMPROVE HEALTH AND SAFETY

- **Minimize risk of slip-and-fall accidents** and ensure dirt and soils are removed from the floor with updated squeegee design.
- **Ensure operator comfort** and reduce vibrations with 10 long-lasting isolators.

## MINIMIZE ENVIRONMENTAL IMPACT

- **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.

# SAVE TIME AND MONEY ON EQUIPMENT AND TRAINING WHILE IMPROVING YOUR FACILITY'S IMAGE

## ONE MACHINE. MAXIMUM VERSATILITY.

Maximize your return on investment with the T500 or T500e orbital scrubbing machine, ideal for daily cleaning or chemical-free floor finish removal for a wide variety of markets, applications and floor types.

### 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

Optional ec-H<sub>2</sub>O NanoClean® technology electronically converts water into an innovative detergent-free cleaning solution.



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



Effortlessly clean edges and baseboards using rectangular cleaning head options.



- Reduce rework, labor, and safety costs by using only TennantTrue parts and service.
- Leverage the knowledge and experience of over 450+ factory-direct Tennant service representatives that utilize only TennantTrue parts to ensure optimal cleaning performance.
- Select from a wide array of TennantTrue service plans designed to meet your cleaning equipment needs – whether that includes peace of mind and budget control, speed of response, or uptime.
- Simplify budgeting by bundling TennantTrue service plans, including parts, into the purchase or financing of your machine.

## ENVIRONMENTAL STEWARDSHIP



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



ec-H2O NanoClean technology is registered by NSF International

**Lease. Pre-Owned. Rent. Tennant has flexible options that get you the machines you need, however you need them.**

## T500/T500e ORBITAL WALK-BEHIND FLOOR SCRUBBER

	T500 28 IN/700 MM	T500e 28 IN/700 MM
<b>PRODUCTIVITY (per hour)</b>		
Theoretical Max	28,000 ft <sup>2</sup> /hr / 2,601 m <sup>2</sup> /hr	28,000 ft <sup>2</sup> /hr / 2,601 m <sup>2</sup> /hr
<b>Estimated Coverage*</b>		
Conventional	20,260 ft <sup>2</sup> /hr / 1,882 m <sup>2</sup> /hr	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	21,527 ft <sup>2</sup> /hr / 2,000 m <sup>2</sup> /hr
<b>BRUSH DRIVE SYSTEM</b>		
Scrub motor	24 VDC, 0.75hp / 0.55 kW	24 VDC, 0.75 hp / 0.55 kW
Brush/pad RPM	2,200 rpm	2,200 rpm
Brush down pressure		
Low	110 lbs / 50 kg	110 lbs / 50 kg
Medium	140 lbs / 63.5 kg	–
High	170 lbs / 77 kg	170 lbs / 77 kg
<b>SOLUTION/RECOVERY SYSTEM</b>		
Solution tank capacity	22.5 gal / 85 L	22.5 gal / 85 L
Recovery tank capacity	27 gal / 102 L	27 gal / 102 L
Vacuum motor	24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.46 hp/0.34 kW
Vacuum waterlift	46 in / 1,170 mm	34 in / 864 mm
Vacuum waterlift - Quiet-Mode™	32 in / 810 mm	–
<b>CLEANING TECHNOLOGY</b>		
Conventional	Standard	Standard
ec-H2O NanoClean	Optional	Optional
Severe Environment™		
(optional only with ec-H2O NanoClean	Optional	–
Severe Environment detergent tank capacity	0.66 gal / 2.5 L	–
<b>BATTERY SYSTEM</b>		
System voltage	24 volt	24 volt
Battery types (4 required)		
Wet 225AH	Standard	Standard
Wet 260AH	Optional	Optional
Sealed AGM 220AH	Optional	Optional
Battery run time - Wet 260AH (up to hours)**	4.9	4.0
On-board charger or off-board charger	Standard	Standard
Smart-Fill Automatic Battery Watering Tank Capacity (optional)	0.66 gal / 2.5 L	0.66 gal / 2.5 L
<b>PROPELLING SYSTEM</b>		
Scrubbing speed	2.3 mph / 3.7 kph	2.3 mph / 3.7 kph
Transport speed	2.7 mph / 4.3 kph	2.7 mph / 4.3 kph
<b>MACHINE SPECIFICATIONS</b>		
Length	58.5 in / 1,486 mm	58.5 in / 1,486 mm
Width	28.0 in / 710 mm	28.0 in / 710 mm
Height	43.3 in / 1,100 mm	43.3 in / 1,100 mm
Squeegee width	41.3 in / 1,049 mm	41.3 in / 1,049 mm
Aisle turnaround width	59 in / 1,499 mm	59 in / 1,499 mm
Weight (without batteries)	370 lbs / 168 kg	370 lbs / 168 kg
Weight (with batteries)	660 lbs / 299 kg	660 lbs / 299 kg
GVW	850 lb / 386 kg	850 lb / 386 kg
Sound level (operator's ear)***	67 dBA	66.9 dBA
Quiet-Mode™ (operator's ear)***	60.6 dBA	–
<b>WARRANTY</b>		
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.

## SEEING IS BELIEVING

For a demonstration or additional information, call +1.800.553.8033 or email [info@tennantco.com](mailto:info@tennantco.com)

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