



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 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 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

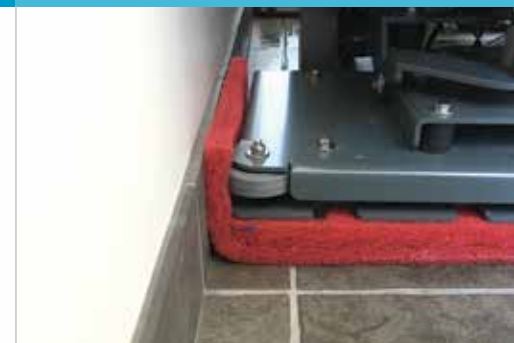


Polished Stone

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 range of factory direct 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<br>700 MM  | T500e<br>700 MM |
|----------------------------------------------------------------|-----------------|-----------------|
| Productivity (per hour)                                        |                 |                 |
| Theoretical Max                                                | 2,601 m²/hr     | 2,601 m²/hr     |
| Estimated Coverage*                                            |                 |                 |
| Conventional                                                   | 1,882 m²/hr     | 1,882 m²/hr     |
| ec-H2O NanoClean®                                              | 2,000 m²/hr     | 2,000 m²/hr     |
| <b>BRUSH DRIVE SYSTEM</b>                                      |                 |                 |
| Scrub motor                                                    | 0.55 kW         | 24 VDC, 0.55 kW |
| Brush/pad RPM                                                  | 2,200 rpm       | 2,200 rpm       |
| Brush down pressure                                            |                 |                 |
| Low                                                            | 50 kg           | 50 kg           |
| Medium                                                         | 63.5 kg         | —               |
| High                                                           | 77 kg           | 77 kg           |
| <b>SOLUTION/RECOVERY SYSTEM</b>                                |                 |                 |
| Solution tank capacity                                         | 85 L            | 85 L            |
| Recovery tank capacity                                         | 102 L           | 102 L           |
| Vacuum motor                                                   | 24 VDC, 0.47 kW | 24 VDC, 0.34 kW |
| Vacuum waterlift                                               | 1,170 mm        | 864 mm          |
| Vacuum waterlift - Quiet-Mode™                                 | 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                     | 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) | 2.5 L           | 2.5 L           |
| <b>PROPELLING SYSTEM</b>                                       |                 |                 |
| Scrubbing speed                                                | 3.7 kph         | 3.7 kph         |
| Transport speed                                                | 4.3 kph         | 4.3 kph         |
| <b>MACHINE SPECIFICATIONS</b>                                  |                 |                 |
| Length                                                         | 1,486 mm        | 1,486 mm        |
| Width                                                          | 710 mm          | 710 mm          |
| Height                                                         | 1,100 mm        | 1,100 mm        |
| Squeegee width                                                 | 1,049 mm        | 1,049 mm        |
| Aisle turnaround width                                         | 1,499 mm        | 1,499 mm        |
| Weight (without batteries)                                     | 168 kg          | 168 kg          |
| Weight (with batteries)                                        | 299 kg          | 299 kg          |
| GVW                                                            | 386 kg          | 386 kg          |
| Sound level (operator's ear)***                                | 67 dBA          | 66.9 dBA        |
| Quiet-Mode™ (operator's ear)***                                | 60.6 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.

## SEEING IS BELIEVING

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