



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



T500e

WALK-BEHIND FLOOR SCRUBBER-DRYER

- Reduce costs to clean, increase productivity, and simplify operator training with the T500e's innovative technologies

IMPROVE THE EFFECTIVENESS OF YOUR CLEANING RESOURCES, INVESTMENTS, AND OPERATIONS WITH A NEW SUITE OF TECHNOLOGIES



- **Reduce costs to clean, increase productivity, and simplify operator training** with the T500e's suite of innovative technologies, such as optional ec-H2O NanoClean™, IRIS® Fleet Manager, or Smart-Fill™ automatic battery watering.
- **Effectively remove floor finish** without expensive stripping chemicals and improve cleaning performance with the orbital cleaning head option, featuring optimal down pressure and high RPMs.
- **Reduce risk of slips and falls** with a redesigned squeegee and integrated p-trap that improves water pick up and prevents water from dripping on the floor after cleaning.
- **Reduce the risk of contact with dirty recovery water** and decrease the need for secondary cleaning operations caused from spills with optional flow control valve.
- **Charge batteries safely** with the lid closed with on-board charger fan and integrated venting.
- **Optimise long-term performance** of wet batteries with Smart-Fill™ automatic battery watering system.
- **Help prevent breakdowns** and simplify preventive maintenance and training requirements with yellow touch points.

INNOVATIVE, EXCLUSIVE TECHNOLOGIES

SMART-FILL™ AUTOMATIC BATTERY WATERING

Smart-Fill™ makes battery maintenance safer by removing the task of checking, opening, and filling wet batteries.



Increase productivity, reduce cost to clean and make informed decisions with intelligent insights from IRIS® Fleet Manager.



ec-H2O NanoClean™ technology **electrically** converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact compared to daily cleaning floor chemicals and methods.

INSIDE THE

T500e



Optional ec-H2O NanoClean® technology helps minimize water consumption

Easily fill your machine with an accessible port at the front

Quickly and ergonomically install disk pads and brushes with Insta-Fit™ and gimbal mount heads

Improve operator ergonomics with propel direction switch and speed settings within easy reach

Easily and ergonomically lower and raise the foot activated squeegee

Virtually eliminate water drips after cleaning with an integrated P-trap

Optional Smart-Fill™ technology prevents operators from using scrubbing functions on dry batteries and a control panel alert notifies operators when the distilled water tank is low

Orbital scrubbing is ideal for daily cleaning of floors and sideboards.

TENNANTTRUE® PARTS AND SERVICE

- Reduce rework, labor and safety costs by using only TennantTrue parts and service.
- Leverage the knowledge and experience of over 220+ factory trained Tennant service technicians 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.



T500e WALK-BEHIND FLOOR SCRUBBER-DRYER

| SCRUBBING SYSTEM | 700 MM DISK | | | 700 MM | 700 MM |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|
| | 650 MM DISK | 700 MM DISK | 800 MM DISK | CYLINDRICAL | ORBITAL |
| Productivity (per hour) Theoretical Max | 3,321 m ² /hr | 3,577 m ² /h | 4,088 m ² /hr | 3,577 m ² /h | 2,601 m ² /hr |
| Estimated Coverage* – Conventional | 2,389 m ² /hr | 2,588 m ² /h | 2,986 m ² /hr | 2,588 m ² /h | 1,882 m ² /h |
| Estimated Coverage* – ec-H2O NanoClean™ | 2,685 m ² /hr | 2,750 m ² /hr | 3,173 m ² /hr | 2,750 m ² /hr | 2,000 m ² /hr |
| BRUSH DRIVE SYSTEM | | | | | |
| 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: 29.5 kg High: 54.5 kg | 32 kg 54.5 kg | 34 kg 54.5 kg | 38.5 kg 54.5 kg | 50 kg 77 kg |
| SOLUTION/RECOVERY SYSTEM | | | | | |
| Solution tank capacity | 85 L | 85 L | 85 L | 85 L | 85 L |
| Recovery tank capacity | 102 L | 102 L | 102 L | 102 L | 102 L |
| Vacuum motor | 24 VDC, 0.46 hp / 0.34 kW | 24 VDC, 0.46 hp / 0.34 kW | 24 VDC, 0.46 hp / 0.34 kW | 24 VDC, 0.46 hp / 0.34 kW | 24 VDC, 0.46 hp / 0.34 kW |
| Vacuum water lift | 864 mm | 864 mm | 864 mm | 864 mm | 864 mm |
| CLEANING TECHNOLOGY | | | | | |
| Conventional | Standard | Standard | Standard | Standard | Standard |
| ec-H2O NanoClean™ | Optional | Optional | Optional | Optional | Optional |
| BATTERY SYSTEM | | | | | |
| System Voltage | 24 volt | 24 volt | 24 volt | 24 volt | 24 volt |
| Battery Types - 4 required | | | | | |
| Wet 210AH | Optional | Optional | Optional | Optional | Optional |
| Sealed AGM 180AH | Optional | Optional | Optional | Optional | Optional |
| Battery run time Wet 210AH (up-to hours)** | 4,3 | 4,3 | 4,0 | 3,4 | 3,8 |
| Smart-Fill™ Automatic Battery Watering | | | | | |
| Tank Capacity (Option) | 2.5 L | 2.5 L | 2.5 L | 2.5 L | 2.5 L |
| PROPELLING SYSTEM | | | | | |
| Scrubbing speed | 5,0 kph | 5,0 kph | 5,0 kph | 5,0 kph | Low down pressure: 4,0 kph High down pressure: 3,7 kph |
| Transport speed | 5,5 kph | 5,5 kph | 5,5 kph | 5,5 kph | 5,5 kph |
| MACHINE SPECIFICATIONS | | | | | |
| Length | 1,486 mm | 1,501 mm | 1,552 mm | 1,501 mm | 1,486 mm |
| Width | 700 mm | 750 mm | 850 mm | 780 mm | 710 mm |
| Height | 1,100 mm | 1,100 mm | 1,100 mm | 1,100 mm | 1,100 mm |
| Squeegee width | 973 mm | 1,049 mm | 1,234 mm | 1,234 mm | 1,049 mm |
| Aisle turnaround width | 1,499 mm | 1,514 mm | 1,565 mm | 1,514 mm | 1,499 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)*** | 67.4 dBA | 67.4 dBA | 67.4 dBA | 68.3 dBA | 66.9 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, 210AH batteries, low down pressure, ec-H2O NanoClean™ off.

*** Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment manufacturers & OSHA.

Specifications subject to change without notice.



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



ec-H2O NanoClean™ technology is registered by NSF International

SEEING IS BELIEVING

For a demonstration or additional information contact us:

TENNANT UK CLEANING SOLUTIONS LTD

0800 111 4402 (local rate UK only)
01604 583191



sales.uk@tennantco.com
enquiries@tennantco.com

