CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT







T500

WALK-BEHIND FLOOR SCRUBBER-DRYER

- Deliver predictable results, extend machine life, and reduce cost of ownership with an innovative suite of 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 T500's suite of innovative technologies, such as optional ec-H2O NanoClean™, IRIS® Fleet Manager, or Pro-Panel™ LCD touch screen with customisable Zone Settings™.
- **Quiet-Mode™** reduces noise levels for daytime cleaning without disruption.
- **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 time spent trying to accurately fill the solution tank** with optional auto-fill and water level monitor.
- **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.
- **Help prevent breakdowns** and simplify preventive maintenance and training 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.

PRO-PANEL™
LCD TOUCHSCREEN TECHNOLOGY

Deliver predictable cleaning results with operator ID, on-demand tutorial videos and customisable Zone Settings™ with Pro-Panel technology.

IRIS®
IRIS FLEET MANAGER

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

ec-H2O™ NanoClean

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.*

* ec-H2O NanoClean™ technology is not suitable for all soils, including heavy concentrations of fats and oils. Depending on the type of soil, conventional chemical cleaners may be required.

THE T500 SCRUBBER-DRYER DELIVERS **OPTIMAL PERFORMANCE** AND **CONSISTENT RESULTS** ON VIRTUALLY ANY HARD FLOOR SURFACE CONDITION WHILE **LOWERING CLEANING COSTS**







THE T500 ADDRESSES YOUR KEY BUSINESS CHALLENGES

REDUCE COST TO CLEAN

Extend machine life and reduce costs of ownership with an innovative suite of technologies and durable components.

IMPROVE HEALTH AND SAFETY

Innovative features maintain health and safety of operators, customers, and the environment.

ENHANCE FACILITY IMAGE

Deliver predictable results and maintain the cleanliness and appearance of your facility's floor, enhancing your facility's image.

MINIMISE ENVIRONMENTAL IMPACT

Reduce environmental impact with detergent-free cleaning options.

INSIDE THE

T500

Easily clean Hygenic® tanks to help reduce mold, bacteria, and other contaminants

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

ec-H2O NanoClean® technology with optional Severe Environment™ Switch allows you to tackle trouble areas on-demand

Keep the cleaning supplies you need on hand with the built-in accessory trays

Easily fill your machine with an accessible port at the front

Easily and ergonomically lower and raise the foot activated squeegee

Virtually eliminate water drips with an integrated P-trap and up to a 4-second vacuum delay

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

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

AVAILABLE FEATURES

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



Reduce time spent trying to accurately fill the solution tank with auto-fill and water level monitor.



Quickly and easily clean recovery tank with optional on-board spray nozzle and hose.



TECHNOLOGIES TO MAKE CLEANING EASIER

T500 CONTROL PANEL OPTIONS



Pro-Membrane™ (Standard)

- 1-step™ start button
- 3 down pressure settings
- 4 water flow settings
- Quiet-Mode™ (62 dBA)
- Supervisor lockout mode
- Fault code display, BDI LEDs
- 3 Zone Settings™



Pro-Panel™ LCD Touch Screen (Option)

- 1-step™ start button
- 3 down pressure settings
- 4 water flow settings
- Quiet-Mode™ (62 dBA)
- Supervisor lockout mode
- **Fault code display with on-screen alert**
- **4 Zone Settings™ with customizable labels**
- **Superviser and Operator ID log-in**
- **28 languages available**
- **On-demand training/maintenance videos**

WHY CHOOSE TENNANT*TRUE*® BRUSHES ON T500?

Save money, cleaning time and water with genuine Tennant*True*® scrubbing brushes, designed specifically for Tennant machines to maximize their cleaning performance.

The NEW INSTA-FIT™ DISC BRUSH also simplifies the maintenance:

- Take the guesswork out of the machine maintenance. The yellow brush wear indicator will ensure the brushes are replaced at the correct interval time.
- Reduce the daily time and effort required to install and remove the brushes thanks to the yellow touchpoints and self-aligning interface.





SMART-FILL™ AUTOMATIC BATTERY WATERING

Smart-Fill is the first on-board battery watering system that automatically fills batteries correctly, at the best time in the charging cycle and with minimal human intervention, making battery maintenance easy and virtually worry-free.



TENNANT*TRUE*® PARTS AND SERVICE

- Reduce rework, labor and safety costs by using only Tennant*True*® parts and service.
- Leverage the knowledge and experience of over 220+ factory trained Tennant service technicians that utilize only Tennant*True*® parts to ensure optimal cleaning performance.
- Select from a wide array of Tennant service plans designed to meet your cleaning equipment needs – whether that includes peace of mind and budget control, speed of response or uptime.

T500 WALK-BEHIND FLOOR SCRUBBER-DRYER

SCRUBBING SYSTEM	650 MM DISK	700 MM DISK	800 MM DISK	700 MM CYLINDRICAL	700 MM ORBITAL
Productivity (per hour) Theoretical Max	3,321 m²/hr	3,577 m²/h	4,088 m²/hr	3,577 m²/h	2,601 m²/hr
Estimated Coverage* – Conventional	2,389 m²/hr	2,588 m²/h	2,986 m²/hr	2,588 m²/h	1,882 m²/h
Estimated Coverage* – ec-H2O NanoClean™	2,685 m²/hr	2,750 m²/hr	3,173 m²/hr	2,750 m²/hr	2,000 m²/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:	18 kg	18 kg	18 kg	18 kg	50 kg
Med:	36 kg	36 kg	36 kg	36 kg	63.5 kg
High:	54.5 kg	54.5 kg	54.5 kg	54.5 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, 0.63 hp / 0.47 kW	24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.63 hp / 0.47 kW
Vacuum water lift	1170 mm	1170 mm	1170 mm	1170 mm	1170 mm
Vacuum Water lift - Quiet-Mode™	810 mm	810 mm	810 mm	810 mm	810 mm
CLEANING TECHNOLOGY					
Conventional	Standard	Standard	Standard	Standard	Standard
ec-H2O NanoClean™	Optional	Optional	Optional	Optional	Optional
Severe Environment™ (optional only with ec-H2O NanoClean™)	Optional	Optional	Optional	Optional	Optional
Severe Environment detergent tank capacity	2.5 L	2.5 L	2.5 L	2.5 L	2.5 L
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)**	5,6	5,6	5,1	5,1	4,7
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 & Med 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)***	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

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, Quiet-Mode setting, low down pressure, ec-H20 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:

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