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TENNANT®

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

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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.
- **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.

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.

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INSIDE THE

T500e



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

Optional ec-H2O NanoClean® technology helps minimize water consumption

Easily fill your machine with an accessible port at the front

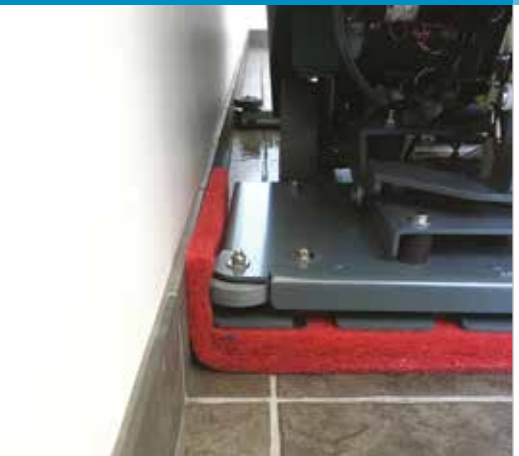
Easily and ergonomically lower and raise the foot activated squeegee

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

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

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



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*True* service plans designed to meet your cleaning equipment needs – whether that includes peace of mind and budget control, speed of response or uptime.

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T500e WALK-BEHIND FLOOR SCRUBBER-DRYER

		650 MM DISK	700 MM DISK	800 MM DISK	700 MM CYLINDRICAL	700 MM ORBITAL
SCRUBBING SYSTEM						
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:	29.5 kg	32 kg	34 kg	38.5 kg	50 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, 0.46 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:

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