



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-H₂O 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 700 MM	T500e 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
BRUSH DRIVE SYSTEM		
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
SOLUTION/RECOVERY SYSTEM		
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	—
CLEANING TECHNOLOGY		
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	—
BATTERY SYSTEM		
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
PROPELLING SYSTEM		
Scrubbing speed	3.7 kph	3.7 kph
Transport speed	4.3 kph	4.3 kph
MACHINE SPECIFICATIONS		
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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