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 170 lb / 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 28 in/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.

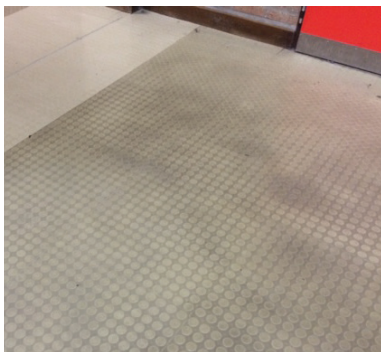
Maximize your return on investment with the T500 or T500e orbital scrubbing machine, ideal for daily cleaning or chemical-free floor finish removal for a wide variety of markets, applications and floor types.

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

KEY OPTIONS

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.

TENNANT*TRUE*® PARTS, SERVICE AND FINANCE SOLUTIONS

- Reduce rework, labor, and safety costs by using only Tennant*True* parts and service.
- Leverage the knowledge and experience of over 450+ factory-direct Tennant service representatives 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.
- Simplify budgeting by bundling Tennant*True* 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 28 IN/700 MM	T500e 28 IN/700 MM
Productivity (per hour)		
Theoretical Max	28,000 ft²/hr / 2,601 m²/hr	28,000 ft²/hr / 2,601 m²/hr
Estimated Coverage*		
Conventional	20,260 ft²/hr / 1,882 m²/hr	20,260 ft²/hr / 1,882 m²/hr
ec-H2O NanoClean®	21,527 ft²/hr / 2,000 m²/hr	21,527 ft²/hr / 2,000 m²/hr
BRUSH DRIVE SYSTEM		
Scrub motor	24 VDC, 0.75hp / 0.55 kW	24 VDC, 0.75 hp / 0.55 kW
Brush/pad RPM	2,200 rpm	2,200 rpm
Brush down pressure		
Low	110 lbs / 50 kg	110 lbs / 50 kg
Medium	140 lbs / 63.5 kg	–
High	170 lbs / 77 kg	170 lbs / 77 kg
SOLUTION/RECOVERY SYSTEM		
Solution tank capacity	22.5 gal / 85 L	22.5 gal / 85 L
Recovery tank capacity	27 gal / 102 L	27 gal / 102 L
Vacuum motor	24 VDC, 0.63 hp / 0.47 kW	24 VDC, 0.46 hp/0.34 kW
Vacuum waterlift	46 in / 1,170 mm	34 in / 864 mm
Vacuum waterlift - Quiet-Mode™	32 in / 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	0.66 gal / 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)	0.66 gal / 2.5 L	0.66 gal / 2.5 L
PROPELLING SYSTEM		
Scrubbing speed	2.3 mph / 3.7 kph	2.3 mph / 3.7 kph
Transport speed	2.7 mph / 4.3 kph	2.7 mph / 4.3 kph
MACHINE SPECIFICATIONS		
Length	58.5 in / 1,486 mm	58.5 in / 1,486 mm
Width	28.0 in / 710 mm	28.0 in / 710 mm
Height	43.3 in / 1,100 mm	43.3 in / 1,100 mm
Squeegee width	41.3 in / 1,049 mm	41.3 in / 1,049 mm
Aisle trunaround width	59 in / 1,499 mm	59 in / 1,499 mm
Weight (without batteries)	370 lbs / 168 kg	370 lbs / 168 kg
Weight (with batteries)	660 lbs / 299 kg	660 lbs / 299 kg
GVW	850 lb / 386 kg	850 lb / 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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