



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



T300

WALK-BEHIND FLOOR SCRUBBER

Delivering high performance, consistent results for virtually any hard surface condition while lowering cleaning costs

Scan this cover for virtual demo or download App



KEY T300 SCRUBBER FEATURES BUILT ON COMMITMENT, COLLABORATION, SERVICE, AND SUPPORT BY A CIRCLE OF EXPERTS SURROUNDING OUR CUSTOMERS



- **On-board machine instructions** help ensure machine is operated in a safe manner for better results, simplified training, and reduce cost to clean.
- **Insta-Click™** patent-pending head allows TennantTrue® pads and brushes to be installed ergonomically, resulting in a safer, faster, low-touch installation.
- **Vac motor** allows machine to clean using as low as 65 dBA for a safer cleaning environment.
- **Orbital head** delivers chemical free floor stripping, reduces water consumption and the need to handle caustic stripping chemicals.
- **Trust in the quality and durability** of the orbital head with a 2,000 hour/3-year isolator warranty.
- **Squeegee design** helps ensure dirt and soils are removed from the floor for minimum risk of slip-and-fall accidents and enables faster, easier installation of replacement TennantTrue® squeegee blades.
- **Easy fill port** makes filling the unit simpler, faster, and reduces the chance of spills; and the integrated hose clip keeps the hose in place allowing the operator to work on other tasks during the filling process.
- **Flow control valve** reduces the risk of contact with dirty recovery water and helps to control the flow rate when draining. It also decreases the need for secondary cleaning operations caused by spills.
- **Battery venting** with onboard charger fan and integrated venting allows the batteries to be charged safely with the lid closed.
- **Optimal down pressure and RPM** improves cleaning performance.
- **Accessory tray** allows you to keep the cleaning supplies you need at hand, reducing trips to the janitor closet.
- **Yellow touch points** helps prevent breakdown and simplifies preventative maintenance and training requirements.
- **New machine electronics** allow the machine to do daily cleaning of finished concrete surfaces and works with 3M™ Trizact™ System.
- **Programmable Zone Settings™** for standardization of cleaning processes.

IMPROVE THE EFFECTIVENESS OF YOUR CLEANING RESOURCES, INVESTMENTS, AND OPERATIONS WITH NEW SUSTAINABLE TECHNOLOGIES.



THE T300 SCRUBBER PROVIDES THE RIGHT SOLUTION FOR YOUR SPECIFIC APPLICATION WITH A VERSATILITY THAT IS UNMATCHED IN THE INDUSTRY.



REDUCE COST TO CLEAN

Improved and durable components extend machine life and reduce cost of ownership.



IMPROVE HEALTH AND SAFETY

Innovative features help protect health and safety of your operator, building occupants, and the environment.



ENHANCE FACILITY IMAGE

Effective scrubbing capabilities help to maintain a consistently clean appearance of your facility floors.



MINIMIZE ENVIRONMENTAL IMPACT

Use of ec-H2O NanoClean® reduces the consumption of daily floor cleaning detergents to help meet your sustainability goals.

INSIDE THE T300

Hygienic® tanks allow for easy access when cleaning to help reduce mold, bacteria and other contaminants that can grow in enclosed tanks

On-board charger with fan and integrated venting allows batteries to charge safely with lid closed

Vacuum motor allows machine to clean as low as 65 dBA and improves water recovery

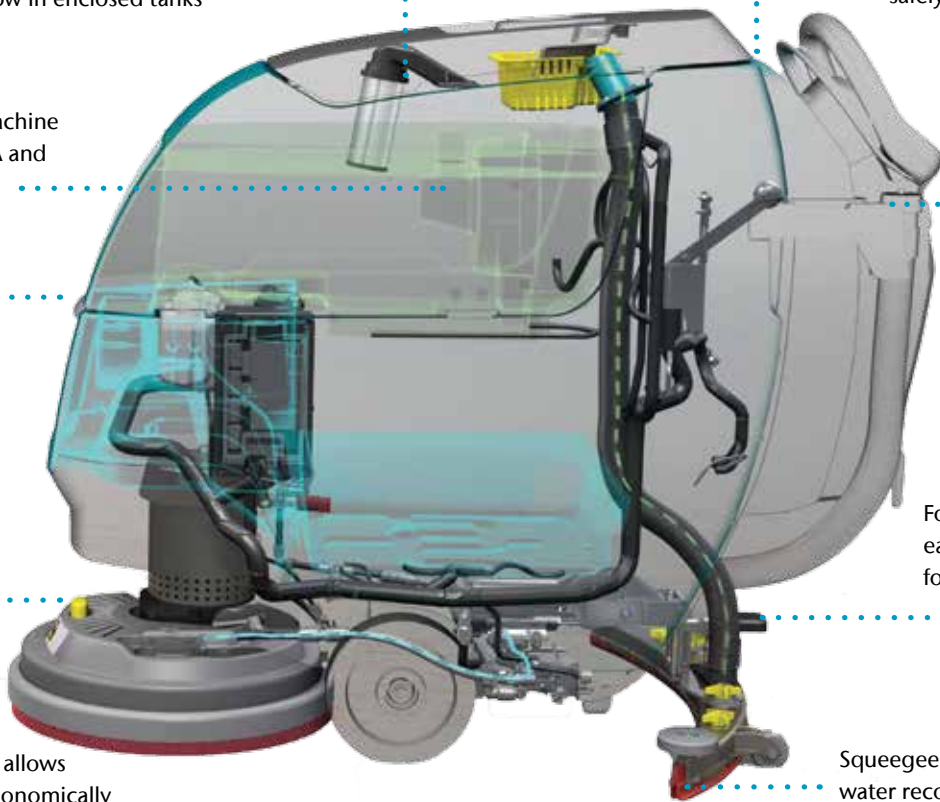
Optional flow control valve reduces risk of contact with dirty recovery water and helps control drain flow rate

Easy fill port makes filling the unit simpler, faster and reduces the chance of spills

Foot activated squeegee is easy and more ergonomic for the operator

Insta-Click™ magnetic head allows pads and brushes to be ergonomically positioned and results in faster installation

Squeegee provides excellent water recovery to help reduce slips and falls

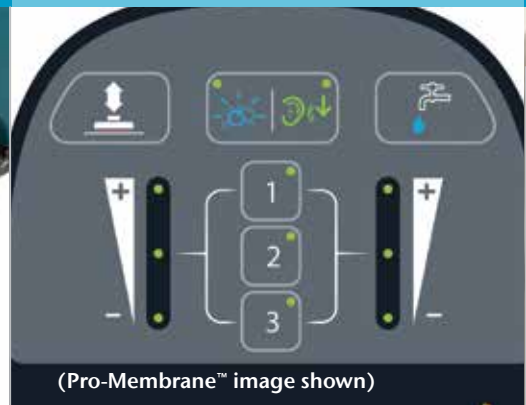


ec-H2O NanoClean® with optional Severe Environment™ Switch eliminates secondary cleaning operations that could increase slip and falls.

Insta-Click™ contains powerful magnets for easy, low-touch cleaning tool attachment and removal.

Quiet-Mode™ reduces noise levels as low as 58 dBA for daytime cleaning without disruption. Perfect for healthcare, education, and office cleaning.

KEY FEATURES



(Pro-Membrane™ image shown)

ENGINEERED FOR PRODUCTIVITY AND VERSATILITY

INNOVATIVE TECHNOLOGY THAT DRIVES DIFFERENTIATION IN YOUR FACILITY

The T300 scrubbers have multiple machine head types to fit your cleaning applications and optimize cleaning performance for specific areas.



Dual Cylindrical:
20 in / 500 mm

Orbital:
20 in / 500 mm

Single disk:
17 in / 430 mm &
20 in / 500 mm

Dual disk:
24 in / 600 mm

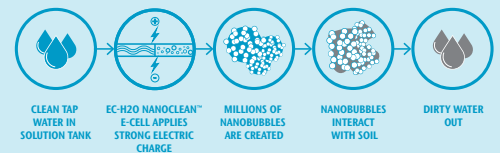
EXCLUSIVE TECHNOLOGY

(optional cleaning innovation)



ec-H2O NanoClean® technology electrically converted water is created by an on-board e-cell that generates millions of very tiny microscopic bubbles known as nanobubbles that promote the cleaning efficacy of the solution.

This next generation solution offers the same great benefits of the first generation and now cleans better and cleans more soils in more applications. The name NanoClean, refers to the generation of nano-scale bubbles that are an important part of the cleaning mechanism.



Optional Electronic Pro-Membrane™ and Pro-Panel™ Controls provide for easy standardized cleaning processes.

The T300 along with the 3M™ Stone Floor Protection System provides a complete floor care process that restores the natural beauty of your porous stone and produces a remarkable, long-lasting shine.



(LCD Pro-Panel™ image shown)



3M™ Trizact™
Diamond HX Discs

T300 WALK-BEHIND FLOOR SCRUBBER

| | SINGLE DISK | | SINGLE DISK | | DUAL DISK | CYLINDRICAL | ORBITAL |
|--|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------------|--|-----------------------------------|
| | 17 IN/430 MM PAD ASSIST | 17 IN/430 MM SELF-PROPEL | 20 IN/500 MM PAD ASSIST | 20 IN/500 MM SELF-PROPEL | 24 IN/600 MM PROPEL | 20 IN/500 MM SELF-PROPEL | 20 IN/500 MM SELF-PROPEL |
| Control panel | | | | | | | |
| Membrane™ Panel | | Standard | | Standard | Standard | Standard | Standard |
| Pro-Membrane™ Panel | | Optional | | Optional | Optional | Optional | Optional |
| Pro-Panel™ | | Optional | | Optional | Optional | Optional | Optional |
| Productivity (per hour) | | | | | | | |
| Theoretical Max | | 17,000 ft²/1,579 m² | | 20,000 ft²/1,858 m² | 24,000 ft²/2,230 m² | 20,000 ft²/1,858 m² | 20,000 ft²/1,858 m² |
| Estimated Coverage* | | | | | | | |
| Conventional | 9,340 ft²/868 m² | 12,453 ft²/1,157 m² | 11,208 ft²/1,041 m² | 14,943 ft²/1,388 m² | 18,264 ft²/1,697 m² | 14,943 ft²/1,388 m² | 14,943 ft²/1,388 m² |
| ec-H2O NanoClean® | 9,668 ft²/898 m² | 12,891 ft²/1,198 m² | 11,602 ft²/1,078 m² | 15,469 ft²/1,437 m² | 18,906 ft²/1,756 m² | 15,469 ft²/1,437 m² | 15,469 ft²/1,437 m² |
| BRUSH DRIVE SYSTEM | | | | | | | |
| Scrub motor | | 24 VDC, 1 hp/0.75 kW | | 24 VDC, 1 hp/0.75 kW | 24 VDC, 1 hp/0.75 kW | 24 VDC, 1 hp/0.75 kW | 0.6 hp/0.45 kW |
| Brush/pad RPM | | 230 rpm | | 230 rpm | 285 rpm | 1,065 rpm | 2,200 rpm |
| Brush/pad pressure | | 47, 71, 86 lbs/21, 32, 39 kg | | 51, 76, 90 lbs/23, 35, 41 kg | 57, 81, 97 lbs/ 26, 37, 44 kg | 53, 60, 64 lbs/ 24, 27, 29 kg | 63, 92, 109 lbs/ 29, 42, 49 kg |
| SOLUTION/RECOVERY SYSTEM | | | | | | | |
| Solution tank capacity | | 11 gal/42 L | | 11 gal/42 L | 11 gal/42 L | 11 gal/42 L | 11 gal/42 L |
| Recovery tank capacity | | 14 gal/53 L | | 14 gal/53 L | 14 gal/53 L | 14 gal/53 L | 14 gal/53 L |
| Vacuum motor | | 24 VDC, 0.6 hp/0.47 kW | | 24 VDC, 0.6 hp/0.47 kW | 24 VDC, 0.6 hp/ 0.47 kW | 24 VDC, 0.6 hp/ 0.47 kW | 24 VDC, 0.6 hp/ 0.47 kW |
| Vacuum waterlift | | 42 in/1067 mm | | 42 in/1067 mm | 42 in/1067 mm | 42 in/1067 mm | 42 in/1067 mm |
| Vacuum waterlift with Quiet-Mode™ | | 28 in/711 mm | | 28 in/711 mm | 28 in/711 mm | 28 in/711 mm | 28 in/711 mm |
| CLEANING TECHNOLOGY | | | | | | | |
| Conventional | | Standard | | Standard | Standard | Standard | Standard |
| ec-H2O NanoClean | | Optional | | Optional | Optional | Optional | Optional |
| Severe Environment™ (with ec-H2O NanoClean) | | Optional | | Optional | Optional | Optional | Optional |
| Severe Environment detergent tank capacity (optional only with ec-H2O NanoClean) | | 0.4 gal/1.5 L | | 0.4 gal/1.5 L | 0.4 gal/1.5 L | 0.4 gal/1.5 L | 0.4 gal/1.5 L |
| BATTERY SYSTEM | | | | | | | |
| System voltage | | 24 volt | | 24 volt | 24 volt | 24 volt | 24 volt |
| Battery types (Wet 105AH, Wet 130AH, Wet 150AH, Sealed AGM 140AH) | | 2 required | | 2 required | 2 required | 2 required (150AH wet & 140AH sealed only) | 2 required |
| Battery run time (up to hours)** | 3.4 | 3.1 | 2.8 | 2.6 | 2.9 | 2.5 | 3.8 |
| On-board charger | | Standard | | Standard | Standard | Standard | Standard |
| Off-board charger | | Optional | | Optional | Optional | Optional | Optional |
| MACHINE SPECIFICATIONS | | | | | | | |
| Length | | 51.25 in/1,302 mm | | 54 in/1,372 mm | 51.75 in/1,314 mm | 50.50 in/1,283 mm | 49 in/1,245 mm |
| Width | | 20 in/500 mm | | 22 in/559 mm | 26 in/660 mm | 25 in/635 mm | 20.5 in/521 mm |
| Height | | 43.10 in/1,095 mm | | 43.10 in/1,095 mm | 43.10 in/1,095 mm | 43.10 in/1,095 mm | 43.10 in/1,095 mm |
| Weight (without batteries) | | 220 lbs/98 kg | | 230 lbs/104 kg | 250 lbs/113 kg | 250 lbs/113 kg | 255 lbs/116 kg |
| Weight (with batteries) | | 366 lbs/166 kg | | 376 lbs/171 kg | 410 lbs/186 kg | 410 lbs/186 kg | 415 lbs/188 kg |
| Sound level (operator's ear)*** | | 64.9 dBA | | 64.9 dBA | 66.5 dBA | 64.7 dBA | 66.4 dBA |
| Quiet-Mode (operator's ear)*** | | 57.8 dBA | | 57.8 dBA | 59.1 dBA | 61.3 dBA | 57.6 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.

** Run times are based on continuous scrubbing run times.

*** 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 NFSL (National Floor Safety Institute) Certified



ec-H2O NanoClean technology is registered by NSF International

SEEING IS BELIEVING

For a demonstration or additional information,
call +1.800.553.8033 or email info@tenantco.com

Tennant
701 North Lilac Drive
Minneapolis, MN 55422 USA

USA/Canada: +1.800.553.8033
Quebec: +1.800.361.9050
Overseas: +1.763.540.1315