



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



M17

HIGH-PERFORMING, VERSATILE BATTERY SWEEPER-SCRUBBER

- Effectively clean in just one pass with exceptional sweeping and scrubbing performance.
- Maintain indoor air quality with fume-free battery operation and two-stage dust control system featuring ShakeMax™ filter shaker.
- Maximize visibility with cab-forward design, engineered sightlines, and steering-wheel-mounted controls.
- Improve the operator and supervisor experience with available Pro-Panel™ technology.

AN INNOVATIVE, HIGH-PERFORMANCE BATTERY SWEEPER-SCRUBBER FOCUSED ON DELIVERING CUSTOMIZED SOLUTIONS TO MEET CUSTOMER NEEDS.



THE M17 ADDRESSES YOUR KEY BUSINESS CHALLENGES



REDUCE COST TO CLEAN

- Increase productivity and maximize runtime with the largest available battery capacity in its class, opportunity charging, and large solution tank capacity.



MAINTAIN HEALTH & SAFETY

- Help maintain a safe environment and reduce the risk of slips and falls with our excellent water recovery system.



ENHANCE FACILITY IMAGE

- Deliver consistent cleaning results in even the toughest environments with effective sweeping, scrubbing, and edge-cleaning capabilities.



EASY OPERATION & MAINTENANCE

- Maximize uptime with easy-to-use operator controls, yellow touch points, and tool-free access to all squeegees, brushes and filters.

INNOVATIVE TECHNOLOGIES

AVAILABLE PRO-PANEL™ TECHNOLOGY REDEFINES THE USER EXPERIENCE

Transform your cleaning operation with Pro-Panel™ technology – a revolutionary breakthrough in user experience. Pro-Panel™ technology integrates multiple controls into an intuitive, high-visibility touch screen interface.



- Effectively manage your asset and operators with **supervisor controls** that allow the machine function to be matched to the operator skill level and prevent unauthorized use.
- Ensure successful starts with **Pro-ID™** operator login that automatically activates the specific operator's personalized cleaning settings and downloadable **Pro-Check™** pre-operation checklists.
- Increase cleaning efficiency with programmable **Zone Settings™** that allow you to establish preferred cleaning settings by area of facility.
- Provide operators a view of their cleaning path without having to take their eyes off the direction of travel with **PerformanceView™**.
- Reduce the need for extensive operator training with **on-board, on-demand videos**.
- Increase machine ease of use with **28 different language** options.



Pro-ID™



Pro-Check™



PerformanceView™



Multiple Languages

ADDITIONAL EXCLUSIVE TECHNOLOGIES

All technologies increase scrub time up to three times using a single tank of water.



ec-H2O™ 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.



ES® Extended Scrubbing productivity enhancement system recycles cleaning chemicals to increase uptime and improve productivity by scrubbing floors using 66% less chemicals than traditional cleaning methods.



ec-H2O™ equipped with the Severe Environment™ switch allows users to benefit from detergent-free cleaning and access on-board chemicals for soils ec-H2O was not designed to clean.

* Based on a study by EcoForm™. Visit www.tennantco.com for more information.

INSIDE THE M17

Touch-n-Go™ control module with 1-Step™ start button allows easy access to all settings without having to remove hands from wheel

Forward operating position improves operator safety and visibility

Solution tank surroundings are engineered to provide maximum visibility, expanding sightlines to the left-hand sweeping side brush

Largest available battery capacity extends runtime for increased productivity

Full front shroud ensures operator leg and foot protection

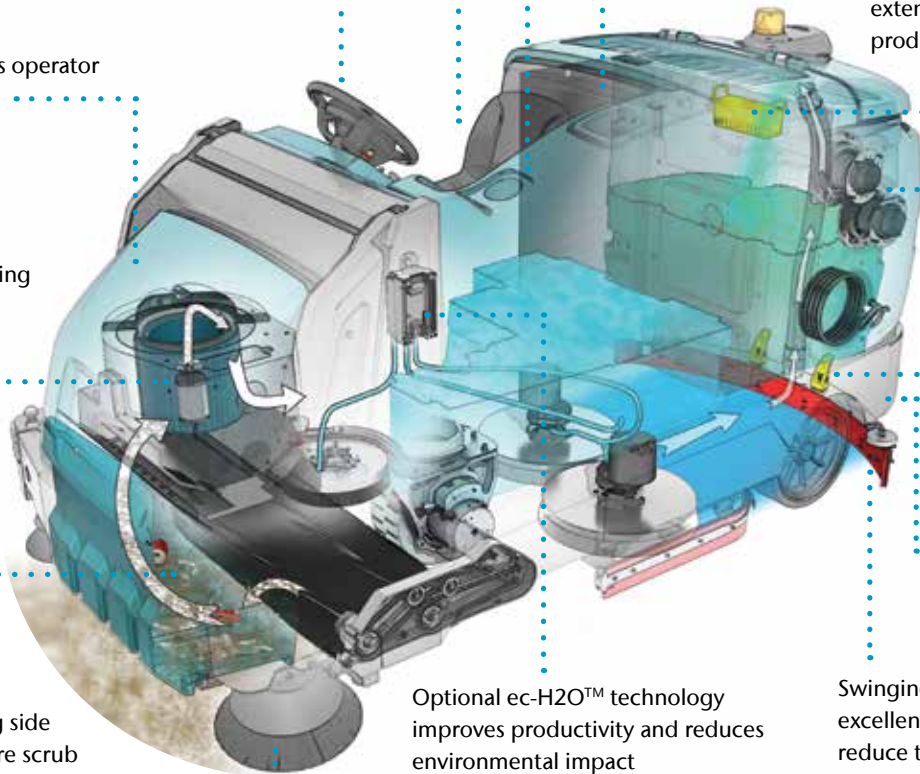
Debris basket keeps material out of the recovery tank and prevents clogging

Two-stage dust control system featuring the ShakeMax™ filter shaker maintains air quality by containing dust generated during the sweeping process

Dual vacuum fans with corrosion-resistant impeller design for long life

DFS™ (Dual Force Sweeping) technology captures large and small debris with one machine

Yellow touch points save time and ensure proper maintenance



Wraparound steel bumper helps protect your investment

Standard dual sweeping side brushes ensure the entire scrub path is swept

Optional ec-H2O™ technology improves productivity and reduces environmental impact

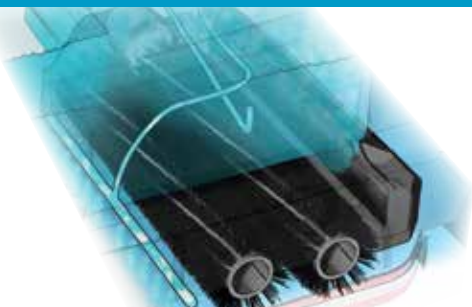
Swinging squeegee provides excellent water recovery to help reduce the risk of slips and falls

Scrubbing side brush for increased reach along edges and 20% wider scrub path.

Cylindrical scrub head for scrubbing on rough floor surfaces.

FOPS certified overhead guard protects operators from falling objects.

KEY OPTIONS



ENGINEERED FOR PRODUCTIVITY



Touch-n-Go™ Control Module



Powered High Dump



Recovery Tank Access Step

- ▶ **Touch-n-Go™ control module with 1-Step™ start button** allows operators quick access to all settings without removing hands from the steering wheel.
- ▶ **Unique swinging squeegee design** leaves floors dry by providing uniform suction across the squeegee blade for exceptional water pickup.
- ▶ **Powered high dump** eliminates the need to manually handle debris and enables you to place larger debris into the hopper for later disposal.
- ▶ **Recovery tank access step** allows easy access to inspect and clean the recovery tank.
- ▶ **Revolutionary patent-pending water trap** helps reduce spills and dripping by providing unrestricted airflow and captures moisture left in the recovery hose on shutdown.



Swinging Squeegee



Water Trap and Yellow Maintenance Touch Points

Wet vacuum wand provides convenient and quick off-aisle spill recovery.

Spray hose makes machine spray-down and cleanup quick and easy.

Rear squeegee protection kit helps prevent squeegee damage.

KEY OPTIONS



- Reduce rework, labor and safety costs by using only TennantTrue parts and service.
- Ensure optimal cleaning performance by selecting a TennantTrue Service program provided by a network of over 400 factory-trained Tennant service representatives.
- Improve uptime by leveraging TennantTrue parts and service.
- Simplify budgeting by bundling TennantTrue service plans, including parts, into the purchase or financing of your machine.



Manage your cleaning program with key performance metrics based on machine data.

Lease. Pre-Owned. Rent. Tennant has flexible options that get you the machines you need, however you need them.

M17 BATTERY-POWERED RIDER SWEEPER-SCRUBBER

CLEANING SYSTEM

Cleaning path	
Scrubbing (main scrub deck)	40 in / 1,015 mm
With scrubbing side brush	48 in / 1,220 mm
Sweeping (main sweeping system)	36 in / 915 mm
With dual sweeping side brush	67 in / 1,700 mm

SCRUBBING SYSTEM

Cylindrical main scrub brushes	
Brush speed	500 rpm
Brush diameter (2)	9 in / 230 mm
Brush down force (up to)	550 lb / 250 kg
Brush motors, brushless (2)	1.5 hp / 1.125 kW
Debris hopper	.7 ft ³ / 20 L
Disk main scrub brushes	
Brush speed	315 rpm
Brush size diameter (2)	20 in / 510 mm
Brush down force (up to)	550 lb / 250 kg
Brush motor, brushless (2)	1.5 hp / 1.125 kW
Tanks	
Solution tank	75 gal / 285 L
Solution capacity (ES®)	115 gal / 435 L
Recovery tank	91.1 gal / 346 L
Demisting chamber	16.1 gal / 61 L
Vacuum fans – water recovery (dual)	2 x .8 hp / 2 x .6 kW
Speed	14,500 rpm
Water lift	65 in / 1,650 mm

SWEEPING SYSTEM

Dual main sweeping brooms	36 in / 915 mm
Dual side sweeping brooms (standard)	Standard
Side sweeping broom diameter	19 in / 480 mm
Debris capacity (light litter)	3.0 ft ³ / 85 L
Dump height (variable to)	60 in / 1,525 mm
Filter canister	54.9 ft ² / 5.1 m ²
Vacuum fan (brushless maintenance free)	1.1 hp / 0.85 kW

PROPELLING SYSTEM

Propel speed forward (transport variable to)	5.5 mph / 9 km / h
Propel speed forward (scrubbing variable to)	4.0 mph / 6.5 km / h
Propel speed reverse (variable to)	3 mph / 5 km / h
Speed control	Electronic - AC
Gradeability	
Transport (empty for trailering)	11.6° / 20%
Transport at gross weight	7.5° / 13%
Working (scrubbing)	6.5° / 11%

BATTERY SELECTIONS (est. continuous runtime: economy mode)

Battery optional packages	510 AH C6
(Battery chargers available for all optional batteries)	750 AH C6
Opportunity charging available on the 930 AH C/6	930 AH C6

MACHINE SPECIFICATIONS

Length basic machine	112 in / 2,850 mm
Width, body	54 in / 1,370 mm
Height (top of steering wheel)	58.25 in / 1,480 mm
With overhead guard	82.5 in / 2,096 mm
Weight empty (no battery)	3,335 lb / 1,515 kg
Minimum aisle turn	118.25 in / 3,003 mm
Sound level (operator's ear)*	75 dBA; Kpa 3 dBA

*Sound pressure level tested per IEC 60335-2-72

*Disk unit, vacuum on (water pickup and dust control), squeegee down, brushes on, brushes up

WARRANTY

See your local representative for warranty information

Specifications subject to change without notice.

SEEING IS BELIEVING

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