



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 exhaust-fume-free battery operation and two-stage dust control system featuring ShakeMax® filter shaker.
- Increase 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 CUSTOMISED SOLUTIONS TO MEET CUSTOMER NEEDS.



## THE M17 ADDRESSES YOUR KEY BUSINESS CHALLENGES



### REDUCE COST TO CLEAN

- Increase productivity and maximise 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

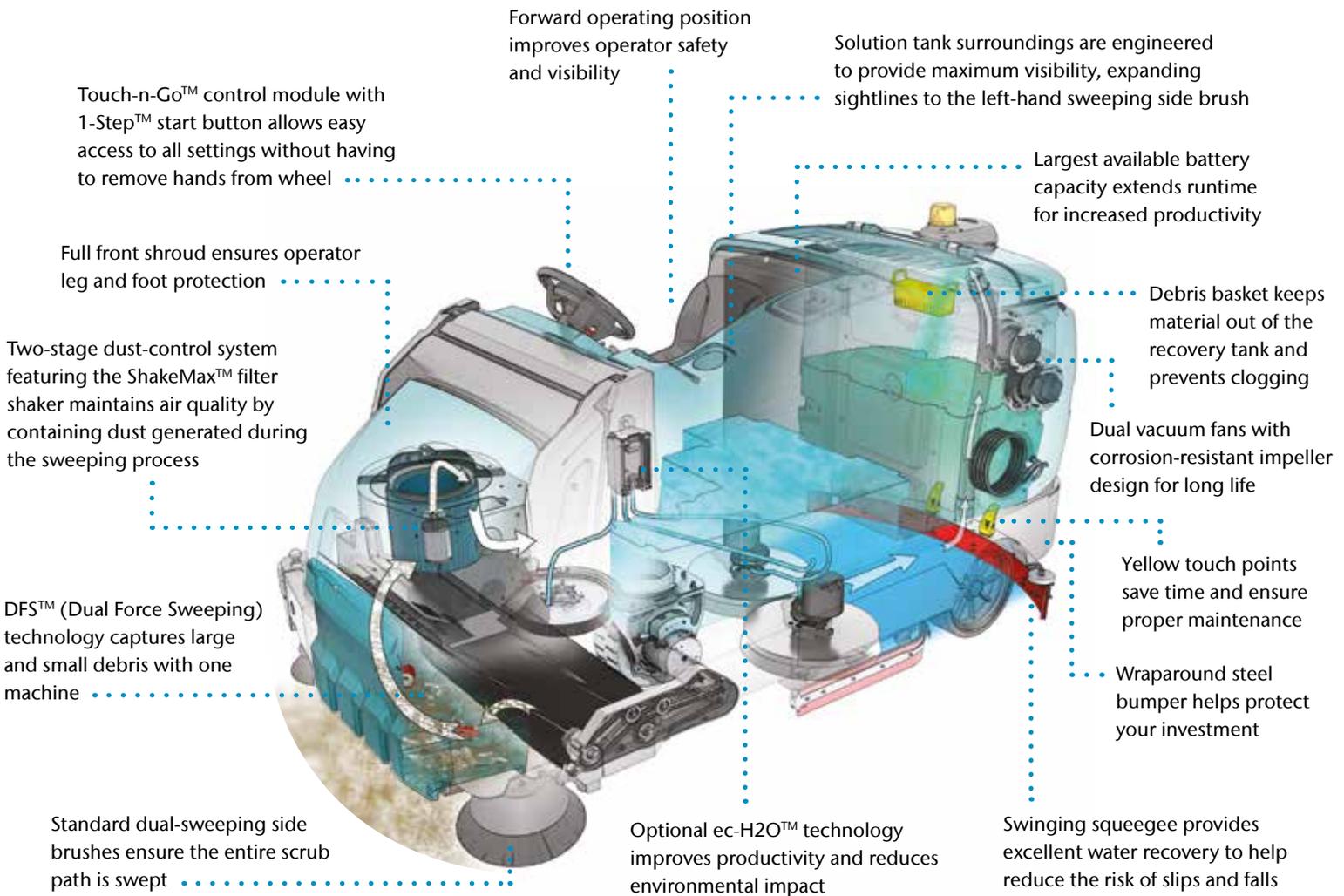
- Deliver consistent cleaning results in even the toughest environments with effective sweeping, scrubbing, and edge-cleaning capabilities.



### EASY OPERATION & MAINTENANCE

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

# INSIDE THE M17

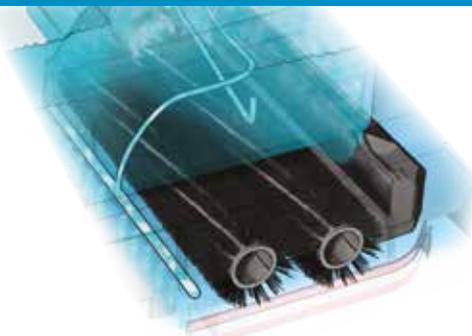


Scrubbing side brush for increased reach along edges and 20% wider scrub path.

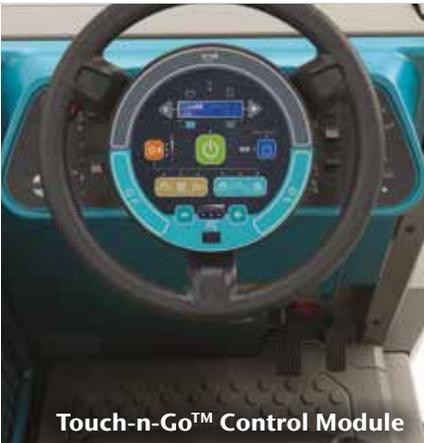
Cylindrical scrub head for scrubbing on rough floor surfaces.

FOPS-certified overhead guard protects operators from falling objects.

KEY OPTIONS



## ENGINEERED FOR PRODUCTIVITY



Touch-n-Go™ Control Module

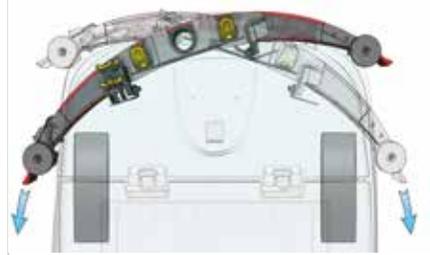


Powered High Dump



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 disposal later.
- ▶ **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.



## INNOVATIVE TECHNOLOGIES



Pro-ID™



Pro-Check™



PerformanceView™



Multiple Languages

### 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 unauthorised use.
- Ensure successful starts with **Pro-ID™** operator login that automatically activates the specific operator's personalised 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 with 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.

### ADDITIONAL EXCLUSIVE TECHNOLOGIES

All technologies increase scrub time by 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.



\* Based on a study by EcoForm™. For more information, visit [www.tennant.co.uk](http://www.tennant.co.uk)



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.

## ENVIRONMENTAL STEWARDSHIP



**ec-H2O and FaST technologies are NFSI (National Floor Safety Institute) Certified.** NFSI certification ensures a product has passed a 2-phase testing process, proving the floor product helps to reduce potential for slip-and-fall accidents.



**ec-H2O and FaST technologies are registered by NSF International.** NSF International is an independent, not-for-profit organisation that ensures formulation and labels on these products meet appropriate food-safety regulations.



**ec-H2O technology won the European Business Award 2009** for the Business Innovation of the Year, one of the most prestigious business awards. The European Business Awards ([www.businessawardseurope.com](http://www.businessawardseurope.com)) is an independent awards programme designed to recognise and promote excellence, best practice and innovation in the European business community.



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

### GENUINE TENNANT PARTS, SUPPLIES AND SERVICE

#### Tenant Service Offering

- Maximise safety, productivity and uptime
- Control and protect your investment and lower your total cost of ownership
- Benefit from over 200 factory-trained service technicians across Europe

#### Tenant Parts & Supplies

- Operate your machine with confidence
- Benefit from years of worry-free operation

#### Tenant Cleaning Solutions

- Further your sustainable cleaning goals
- Choose sustainable benefits your company wants

## M17 BATTERY-POWERED RIDER SWEEPER-SCRUBBER

### CLEANING SYSTEM

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

### SCRUBBING SYSTEM

Cylindrical main scrub brushes	
Brush speed	500 rpm
Brush diameter (2)	9 inches/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 <sup>3</sup> /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 inches/1,650 mm

### SWEEPING SYSTEM

Dual main sweeping brooms	36 inches/915 mm
Dual side sweeping brooms (standard)	Standard
Side sweeping broom diameter	19 inches/480 mm
Debris capacity (light litter)	3.0 ft <sup>3</sup> /85 L
Dump height (variable to)	60 inches/1,525 mm
Filter canister	54.9 ft <sup>2</sup> /5.1 m <sup>2</sup>
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
Grade ability	
Transport (empty for trailering)	11.6°/20%
Transport at gross weight	7.5°/13%
Working (scrubbing)	6.5°/11%

### BATTERY SELECTIONS

(Battery chargers available for all optional batteries)	625 AH C5
Opportunity charging available on the 775 AH C/5	775 AH C5

### MACHINE SPECIFICATIONS

Length basic machine	112 inches/2,850 mm
Width, body	54 inches/1,370 mm
Height (top of steering wheel)	58.25 inches/1,480 mm
With overhead guard	82.5 inches/2,096 mm
Weight empty (no battery)	3,335 lb/1,515 kg
Minimum aisle turn	118.25 inches/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

For a demonstration or additional information contact us:

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