



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# T12

## COMPACT BATTERY-POWERED RIDER SCRUBBER

### POWER

Experience the power of a heavy-duty rider scrubber and the maneuverability of a compact footprint

### PRODUCTIVITY

Increase cleaning productivity by utilizing Tennant's innovative product features and chemical-free ec-H<sub>2</sub>O™ technology

### EXPERIENCE

Keep cost of ownership low and ensure maximum up-time with worry-free operation, durable construction, and ease of maintenance

## THE T12 DELIVERS **BIG PRODUCTIVITY** IN A COMPACT, MANEUVERABLE RIDER SCRUBBER



### MULTIPLE BENEFITS – ALL AVAILABLE WITH THE T12

#### **HEAVY-DUTY COMPACT PERFORMANCE**

The combination of innovative features and substantial power help reduce time spent cleaning and deliver heavy-duty performance.

#### **INCREASE PRODUCTIVITY**

Get more done in less time with options such as the scrubbing side brush. Clean up to three times longer with a single tank of water using ec-H<sub>2</sub>O™ technology.

#### **LOW COST OF OWNERSHIP**

Durability, reliability, and innovative technology result in a low cost to own helping to improve the bottom line.

#### **HEALTH AND SAFETY**

Ensure peace of mind with operator safety and promote healthy and clean environments.

#### **EASY OPERATION AND MAINTENANCE**

Engineered to be easy to operate and maintain, the T12 maximizes up-time and productivity.

# TENNANT'S INNOVATIVE CHEMICAL-FREE CLEANING TECHNOLOGY



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.



## CLEANS EFFECTIVELY

Real-world testing by customers and a third party has shown that scrubbing with ec-H2O technology effectively removes soil.

## SAVES MONEY

Lower costs and improve productivity by reducing training, purchasing, storing, handling and mixing tasks associated with floor cleaning chemicals.

## INCREASES SAFETY

NFSI certifies that ec-H2O technology significantly improves floor traction, which can reduce the risk of slip and fall accidents. NSF registration means that ec-H2O is safe to use even in food and beverage handling environments.

## REDUCES NEGATIVE ENVIRONMENTAL IMPACT\*

ec-H2O technology reduces the impact of cleaning operations on the environment in seven key categories according to a third-party study by EcoForm™. Scrubbers equipped with ec-H2O technology can scrub up to three times longer with a single tank of water using up to 70% less water than conventional floor scrubbing methods.

\* Based on a study by EcoForm™. Visit [www.tennantco.com](http://www.tennantco.com) for more information.



## ENVIRONMENTAL STEWARDSHIP



ec-H2O™ technology is NFSI (National Floor Safety Institute) Certified. NFSI certified products must pass a 2-phase wet slip resistance process and have been shown to reduce the potential for slip and fall accidents. For more information visit [www.nfsi.org](http://www.nfsi.org).



ec-H2O™ technology is registered by NSF International. NSF International is an independent, not-for-profit organization that ensures formulation and labels on these products meet appropriate food safety regulations. For more information visit [www.nsf.org](http://www.nsf.org).



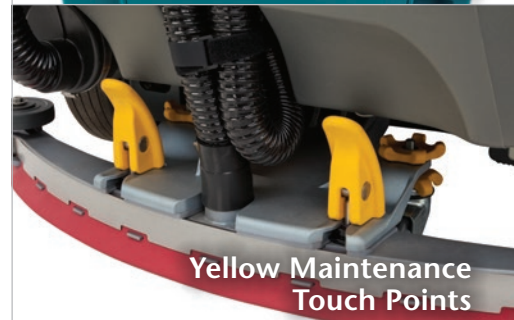
ec-H2O™ technology may contribute to LEED or LEED-EBOM (Existing Building: Operations & Maintenance) points, provided other appropriate criteria are met. For more information on obtaining LEED points, please contact your sales representative or refer to the USGBC website at: [www.usgbc.org](http://www.usgbc.org).





# ENGINEERED TO BE EASY TO OPERATE AND MAINTAIN

The T12 controls simplify training and keep the operator's attention facing forward. The large, green 1-Step™ Start Button activates the scrubbing systems and engages the most recent operating setting. Easy to identify yellow maintenance touch points help save time and money by ensuring maintenance items get checked and the machine is properly maintained and protected.



## T12 AND T12 XP STANDARD FEATURES

	T12	T12 XP
<b>Large Green 1-Step™ Start Button</b>	Standard	Standard
<b>On Board Diagnostics</b>	Standard	Standard
<b>Right Hand Dash Mounted Controls and Horn Button</b>	Standard	NA
<b>Touch-n-Go™ Control Module</b>	NA	Standard
<b>Steering Wheel Mounted Horn</b>	NA	Standard
<b>Safety Light Package (Headlights and AV Backup Alarm)</b>	Optional	Standard
<b>Deluxe Seat</b>	Optional	Standard

### KEY OPTIONS

Vac wand provides convenient and quick off machine spill recovery.



Spray hose allows for remote access to the cleaning solution for hard to reach areas and makes machine cleanup easier.



Protect operators by shielding them from falling objects with the FOPS certified overhead guard.

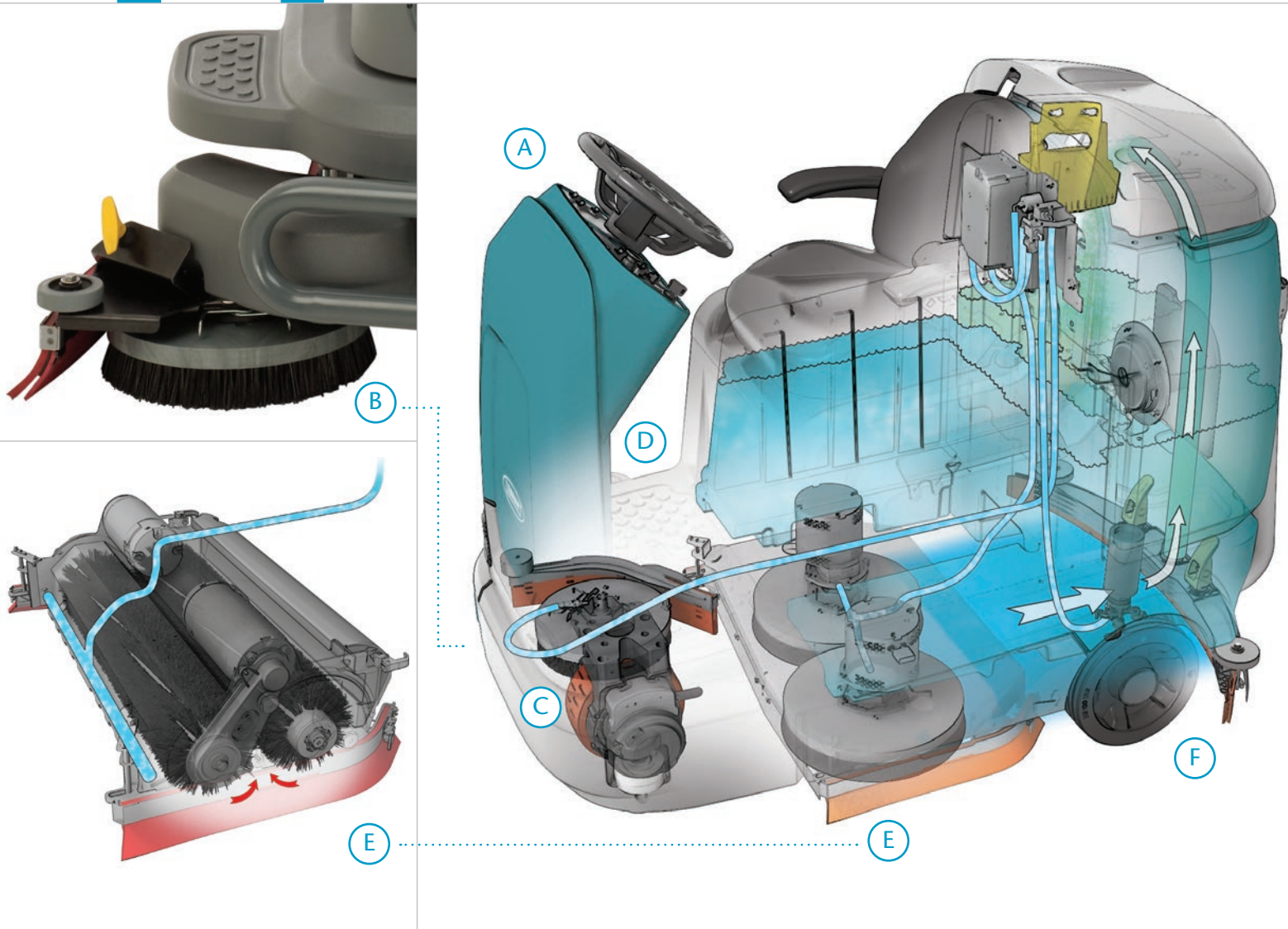


Lower maintenance and repair costs with a heavy-duty front bumper and rear squeegee protection kit that prevents damage to the machine.



INSIDE THE

# T12



**A** **Operate easily.** Operator controls are easy to use with the 1-Step™ Start Button that simplifies training and ensures consistent cleaning performance.

**B** **Increase productivity.** Clean floors from edge to edge and achieve a 28% wider scrub path with the optional scrubbing side brush.

**C** **Durability.** Extend component life and reduce maintenance cost with the AC brushless propelling motor that operates more efficiently than traditional DC motors.

**D** **Enhance experience.** Reduce fatigue and increase operator safety with the large operator compartment allowing substantial leg room while providing easy ingress and egress from either side of the machine.

**E** **Get results.** Improve cleaning results with the scrub head (disk or cylindrical) that best suits the application and simplify maintenance with no-tool brush change.

**F** **Promote safety.** Reduce the risk of slip and fall accidents with the Dura-Track™ parabolic squeegee system that provides excellent water recovery and can be changed easily without tools.

- Reduce rework, labor and safety costs by using only Tennant True parts and service.
- Ensure optimal cleaning performance by selecting a Tennant True Service program.
- Improve uptime by leveraging Tennant True parts and service.

## T12 COMPACT BATTERY-POWERED RIDER SCRUBBER

### SCRUBBING SYSTEM

Cleaning path	32 in / 810 mm
With scrubbing side brush	41 in / 1,040 mm

### BRUSH DRIVE SYSTEM

Disk scrub head	
Brush motor (2)	1.0 hp / 0.75 kW
Brush RPM	325 rpm
Down pressure weight (variable to)	250 lb / 114 kg
Brush diameter (2)	16 in / 405 mm
Cylindrical scrub head	
Brush motor (2)	1.0 hp / 0.75 kW
Brush RPM	600 rpm
Down pressure weight (variable to)	200 lb / 91 kg
Brush diameter (2)	7 in / 180 mm

### SOLUTION DELIVERY SYSTEM

Solution tank	35 gal / 132 L
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### RECOVERY SYSTEM

Recovery tank	44 gal / 166 L
Demisting chamber	9 gal / 34 L
Vacuum fan	0.8 hp / 0.6 kW
Speed	14,500 rpm
Water lift	65 in / 1,650 mm

### PROPELLING SYSTEM

Propel speed forward (variable to)	5.0 mph / 8 km/h
Propel speed reverse (variable to)	2.5 mph / 4 km/h
Propel motor	1.2 hp / 0.89 kW
Gradeability	
Transport at gross weight	8° / 14.1%
Working (scrubbing)	4° / 7%

### MACHINE SPECIFICATIONS

Length	67.25 in / 1,710 mm
Width	37.25 in / 945 mm
Rear squeegee (hard width)	39 in / 990 mm
With side brush attachment	42.0 in / 1,065 mm
Height	56 in / 1,420 mm
With overhead guard	82.5 in / 2,095 mm
Weight	1,030 lb / 468 kg
With standard 240 AH batteries	1,460 lb / 664 kg
Minimum aisle turn	73 in / 1,855 mm
Sound level (operator's ear)	
Disk: Mode #2*	62 dBA; Kpa 3 dBA
Cylindrical: Mode #2*	63 dBA; Kpa 3 dBA

(Sound pressure level tested per IEC 60335-2-72)

\*Vacuum On, 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,  
send an email to [info@tenantco.com](mailto:info@tenantco.com)

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