



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# T12

## COMPACT BATTERY-POWERED RIDE-ON SCRUBBER-DRYER

### POWER

Experience the power of a heavy-duty ride-on scrubber-dryer and the manoeuvrability of a compact footprint

### PRODUCTIVITY

Increase cleaning productivity by utilising Tennant's innovative product features and its chemical-free ec-H2O™ technology<sup>1</sup>

### 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, MANOEUVRABLE RIDE-ON SCRUBBER-DRYER



### 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-H2O™ technology.

#### LOW COST OF OWNERSHIP

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

#### HEALTH AND SAFETY

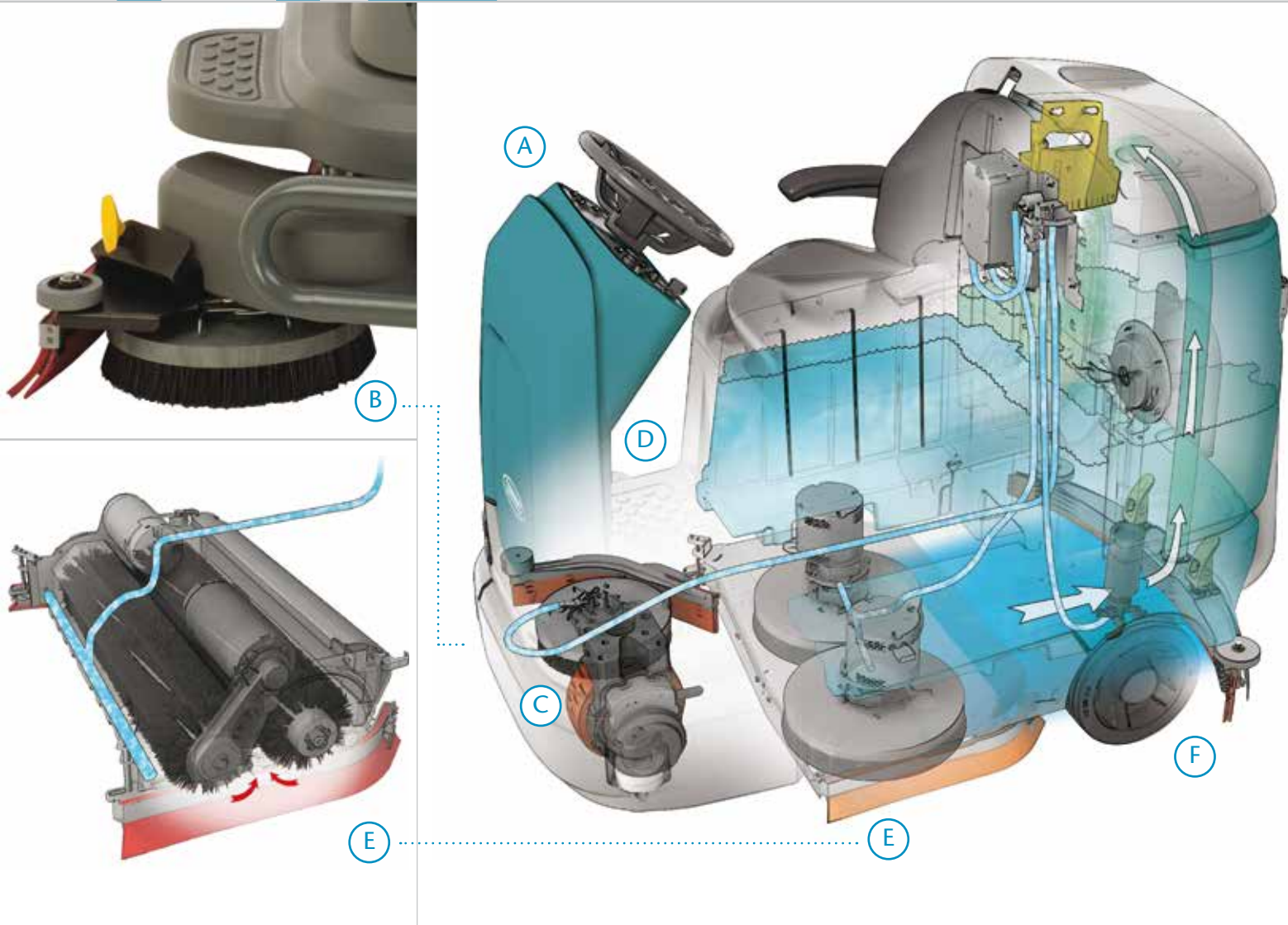
Ensure peace of mind with operator safety and promote healthy and clean environments.

#### EASY OPERATION AND MAINTENANCE

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

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 (disc 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.

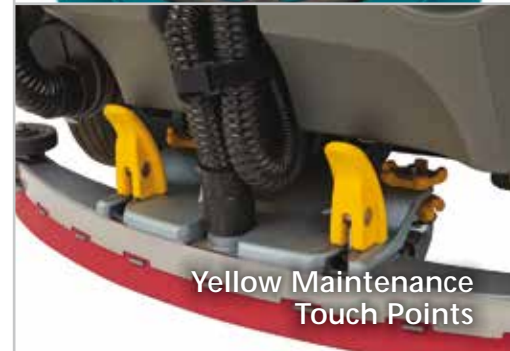


## ENGINEERED TO BE EASY TO OPERATE AND MAINTAIN

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
Large Green 1-Step™ Start Button	Standard	Standard
On Board Diagnostics	Standard	Standard
Right Hand Dash Mounted Controls and Horn Button	Standard	NA
Touch-n-Go™ Control Module	NA	Standard
Steering Wheel Mounted Horn	NA	Standard
Headlights	Optional	Standard
Deluxe Seat	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.



# TENNANT'S CHEMICAL-FREE CLEANING TECHNOLOGY



ec-H2O™ technology electrically converts water into a cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact compared to daily cleaning floor chemicals and methods<sup>1</sup>.

## CLEANS EFFECTIVELY

Real-world testing by customers and a third party has shown that scrubbing with ec-H2O technology can effectively remove 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<sup>2</sup>.

## REDUCES NEGATIVE ENVIRONMENTAL IMPACT

Reduces Environmental Impact Customers who use the technology on daily maintenance soils have found that they use less water, chemicals and packaging to help reduce the environmental impact of their cleaning operations. Scrubber-dryers equipped with ec-H2O technology use up to 70% less water than conventional floor scrubbing methods.

<sup>1</sup> ec-H2O technology is not designed for all soils, including heavy concentrations of fats and oils. Conventional chemical cleaners may be required for those soils.

<sup>2</sup> Add foodnote with following text: 2 Check applicable regulations in your market. NFSI is a private US-based not-for-profit group dedicated to reducing slip-and-fall accidents. Certification under the ANSI/NFSI B101.1-2009 Test Method for Measuring Wet SCOF of Common Hard-Surface Floor Materials available at <http://www.nfsi.org/>. NSF International registration for NSF Registration Guidelines for Proprietary Substances and Nonfood Compounds (2007), which is available at [www.nsfwhitebook.org](http://www.nsfwhitebook.org).

## 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.



Tennant FaST 365 and FaST 965 detergents have been awarded the European Eco-label. This proves that our Tennant FaST detergents have a reduced environmental impact compared to standard detergents



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

### Tennant Service Programme

- 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

### Tennant Parts & Supplies

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

### Tennant Cleaning Solutions

- Obtain sustainable cleaning results every time
- Choose sustainable benefits your company wants

## T12 COMPACT BATTERY-POWERED RIDE-ON SCRUBBER-DRYER

### SCRUBBING SYSTEM

Cleaning path	810 mm
With scrubbing side brush	1.040 mm

### BRUSH DRIVE SYSTEM

Disc scrub head	
Brush motor (2)	0,75 kW
Brush RPM	325 rpm
Down pressure weight (variable to)	114 kg
Brush diameter (2)	405 mm
Cylindrical scrub head	
Brush motor (2)	0,75 kW
Brush RPM	600 rpm
Down pressure weight (variable to)	91 kg
Brush diameter (2)	180 mm

### SOLUTION DELIVERY SYSTEM

Solution tank	132 L
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### RECOVERY SYSTEM

Recovery tank	166 L
Demisting chamber	34 L
Vacuum fan	0,6 kW
Speed	14.500 rpm
Water lift	1.650 mm

### PROPELLING SYSTEM

Propel speed forward (variable to)	8 km/h
Propel speed reverse (variable to)	4 km/h
Propel motor	0,89 kW
Gradeability	
Transport at gross weight	8° / 14.1%
Working (scrubbing)	4° / 7%

### MACHINE SPECIFICATIONS

Length	1.710 mm
Width	945 mm
Rear squeegee (hard width)	990 mm
With side brush attachment	1.065 mm
Height	1.420 mm
With overhead guard	2.095 mm
Weight	468 kg
With standard 180 AH batteries	694 kg
Minimum aisle turn	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 contact us:

### TENNANT UK CLEANING SOLUTIONS LTD

Gladstone Road  
Northampton NN5 7RX  
UNITED KINGDOM  
Tel: 0800 111 4402 (local rate UK only)  
Tel: 01604 583191  
Fax: 0845 052 9349  
E-mail: [sales.uk@tennantco.com](mailto:sales.uk@tennantco.com)  
E-mail: [enquiries@tennantco.com](mailto:enquiries@tennantco.com)

### TCS EMEA GmbH

Sommerfeld 1  
5202 Neumarkt am Wallersee  
AUSTRIA  
Tel: +43 (0)6216 4524 & 4525  
Fax: +43 (0)6216 4524 20  
E-mail: [office@tennant-cee.com](mailto:office@tennant-cee.com)

### TENNANT EUROPE NV

Roderveldlaan 3  
2600 Antwerp  
BELGIUM  
Tel: +32 3 217 94 11  
Fax: +32 3 217 94 19  
E-mail: [europa@tennantco.com](mailto:europa@tennantco.com)