



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# 5680

## WALK-BEHIND FLOOR SCRUBBER-DRYER

- Just-scrubbed floors are clean, dry and safe for traffic in seconds with ec-H<sub>2</sub>O NanoClean™ and FaST® technologies
- Highly consistent clean

## THE CLEANING PROFESSIONAL'S CHOICE FOR **CONSISTENT, WORRY-FREE** SCRUBBING



With a heritage of superior design and engineering, the 5680 delivers the consistent performance, reliable operation, and quality assurance cleaning professionals need along with the success they desire.

### LONG-LASTING, WORRY-FREE OPERATION

A corrosion-resistant scrub deck, impact-absorbing linkages, and exclusive warranty all mean the 5680 is up and cleaning day after day.

### MAXIMUM EFFICIENCY

Easy-to-use Quick-Train™ control panel reduces training time, making operators more productive and with so little water used with ec-H2O NanoClean™ and FaST® technologies or recycling with ES® Extended Scrubbing, operators scrub up to three times longer between empty/fill stops.

### RELIABLY CONSISTENT PERFORMANCE

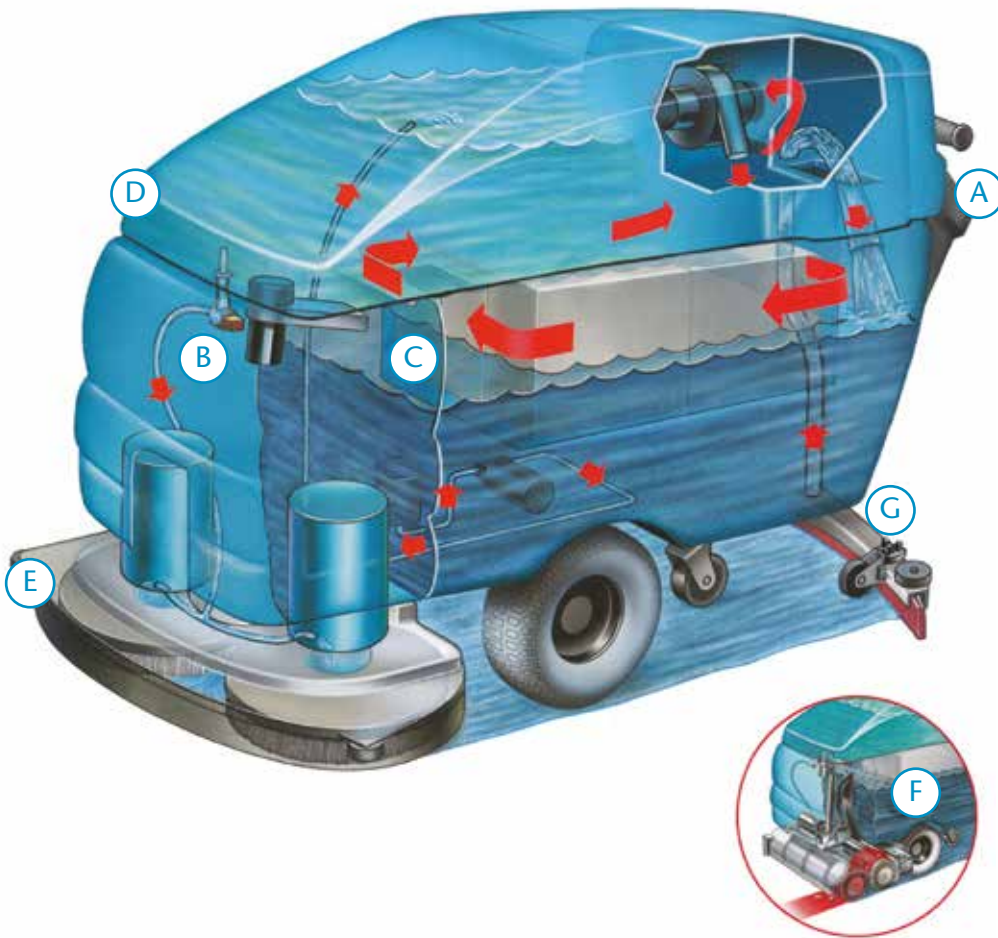
With the automatic solution metering system of ec-H2O NanoClean™ and FaST® technologies, the 5680 requires minimum operator interaction to deliver consistent, quality cleaning.

### THE SAFEST WAY TO CLEAN

Increase safety and cleanliness with chemical-free ec-H2O NanoClean™ technology<sup>1</sup> or FaST Foam Scrubbing Technology. The 5680 uses up to 70% less water with both technologies. ec-H2O NanoClean™ technology uses no detergent. FaST Foam Scrubbing Technology uses up to 90% less detergent than traditional.

INSIDE THE

# 5680



- A** Operate in comfort with height-adjustable console that puts Quick-Train™ controls within easy reach.
- B** Reduce environmental impact with ec-H2O NanoClean™ or FaST technology.
- C** Reduce maintenance costs with durable composite frame, scrub deck and rust-proof polyethylene body and tanks.

- D** Scrub longer between empty/fill cycles with large-capacity solution and recovery tanks (114 L) and up to 3.5 hours of continuous run time. Add ec-H2O NanoClean™, FaST, or ES technology to further enhance productivity.
- E** Clean hard-to-reach areas under toe-kicks and against baseboards with low profile corrosion-resistant scrub deck.
- F** Scrub and pick up small debris in one pass with optional cylindrical scrub heads.
- G** Save time with squeegee blades that require no tools to change.

## EXCLUSIVE TECHNOLOGIES

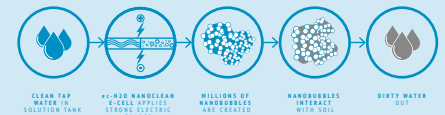
(optional cleaning innovations)

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



Electrically converted water is created by an onboard e-cell that generates millions of microscopic bubbles known as nanobubbles that promote the cleaning efficacy of the solution.

This next generation solution now cleans better and cleans more soils in more applications, thanks to the nano-scale bubbles that are an important part of the cleaning mechanism.



**FaST® Foam Scrubbing Technology** uses up to 70% less water and 90% less chemicals to improve floor traction as certified by NFSI<sup>2</sup>, helping reduce the risk of slip and fall accidents.



**ES® Extended Scrubbing Technology** for improved productivity, recycles cleaning chemicals resulting in better production times and improved productivity, as 66% less chemicals are needed for scrubbing floors when compared with traditional cleaning methods.

## ENVIRONMENTAL STEWARDSHIP



**ec-H2O NanoClean™ 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 NanoClean™ 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



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

### GENUINE TENNANT PARTS, SUPPLIES AND SERVICE

#### Tennant 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

#### Tennant Parts & Supplies

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

#### Tennant Cleaning Solutions

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

## 5680 WALK-BEHIND FLOOR SCRUBBER-DRYER

### SCRUBBING SYSTEM

800 MM

Productivity (per hour)	
Theoretical Max	3540 m <sup>2</sup>
Estimated Coverage*	
Conventional	2230 m <sup>2</sup>
ec-H2O NanoClean™ / FaST	2510 m <sup>2</sup>

### RECOVERY SYSTEM

Recovery tank capacity	151 L
Vacuum motor	0.8 hp – three stage
Vac motor cfm	1.84 cmm
Vac motor sealed waterlift	1854 mm

### BATTERY SYSTEM

System voltage	36 volt
Battery amp hour rating (Standard)	235 AH @ 20 hr
Battery amp hour rating (Optional)	335 AH @ 20 hr
Battery run time (continuous cleaning rating)	3.5 hours (235 AH) / 4.5 hours (335 AH)

### BRUSH/PAD DRIVE SYSTEM

Brush motor horsepower	(2) 0.75 hp motors
Brush rpm	
Disc	200 rpm
Cylindrical	750 rpm
Brush/pad pressure	
Disc	100 lbs & 200 lbs
Cylindrical	85 lbs

### SOLUTION DELIVERY SYSTEM

Solution capacity	114 L
Solution flow rate	
Conventional	5.7 lpm
FaST	0.8 lpm
ec-H2O NanoClean™	1.25 lpm

### MACHINE SPECIFICATIONS

Product width	
Without squeegee	864 mm
With squeegee	1070 mm
Product height	1090 mm
Product length	
Disc	1625 mm
Cylindrical	100 mm
Product weight (with batteries)	365 kg
Sound level (operator's ear)	75 dBA

### WARRANTY

See your local representative for warranty information.

\* Scrubbing speeds, empty/rinse/refill times were taken from the ISSA 447 Cleaning Times Handbook published in 2004. Assumes 5 cm overlap. Conventional flow rates are at 1.9 lpm.

<sup>1</sup> ec-H2O NanoClean™ 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> 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).

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: [europe@tennantco.com](mailto:europe@tennantco.com)