



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



# T20

## HEAVY-DUTY INDUSTRIAL SCRUBBER

- Achieve excellent cleaning results in the harshest environments with aggressive scrubbing, chemical-free ec-H<sub>2</sub>O™ and FaST® technologies, and Maxpro® hydraulic engineering
- Improve productivity with longer run times, easy brush changes, and quick recovery tank draining
- Lower your cost of ownership through innovative engineering that increases productivity and reduces service and maintenance

## EXCELLENT CLEANING RESULTS AT A LOWER COST OF OWNERSHIP



From a heritage of exceptional engineering comes the new T20: an industrial scrubber that will streamline your cleaning operation and reduce cleaning costs without compromising safety or performance.

### DRAMATICALLY LOWER YOUR COST OF OWNERSHIP

Tennant engineering innovations in hydraulic technology, tank clean-out, and engine access reduce maintenance costs and unproductive downtime.

### INCREASE YOUR ENVIRONMENTAL SAFETY

Set a new standard of safety while minimizing the risk of damage to your machine and facility with an ergonomically designed operator compartment, heavy-duty frame with Grip-N-Go™ rollers, and ec-H2O™ and FaST® technologies for drier, safer floors.

### IMPROVE YOUR PRODUCTIVITY

Longer run times, easy brush changes, and quick recovery tank draining make the T20 a machine you can depend on every day of the week.

# TENNANT TECHNOLOGIES SUSTAINABLE SOLUTIONS



## INCREASED SAFETY

- **FaST® Foam Scrubbing Technology** – NFSI-certified to increase floor traction
- **ErgoSpace™ operator compartment** – improves visibility
- **Grip-N-Go™ corner rollers** – facility and machine protection
- **Triple-sealed electrical connectors** – UL-certified system protection

## REDUCED COSTS

- **ec-H2O™ technology** – no chemicals, uses 70% less water
- **On-board diagnostics** – quick, easy maintenance
- **SmartRelease™ squeegee** – reduced replacement time
- **No tool brush change** – operators can spend more time cleaning

## MAXIMUM PRODUCTIVITY

- **ES® Extended Scrubbing with detergent metering** – clean 3 times longer on a single tank
- **EasyOpen™ service access** – minimum maintenance, maximum uptime
- **Touch-N-Go™ operation** – reduced training, increased productivity
- **Hygenic® tanks** – minimum downtime with easy access for cleaning
- **Variable Drain Valve™** – no fuss, no mess

## EXCLUSIVE TECHNOLOGIES (optional cleaning innovations)

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.



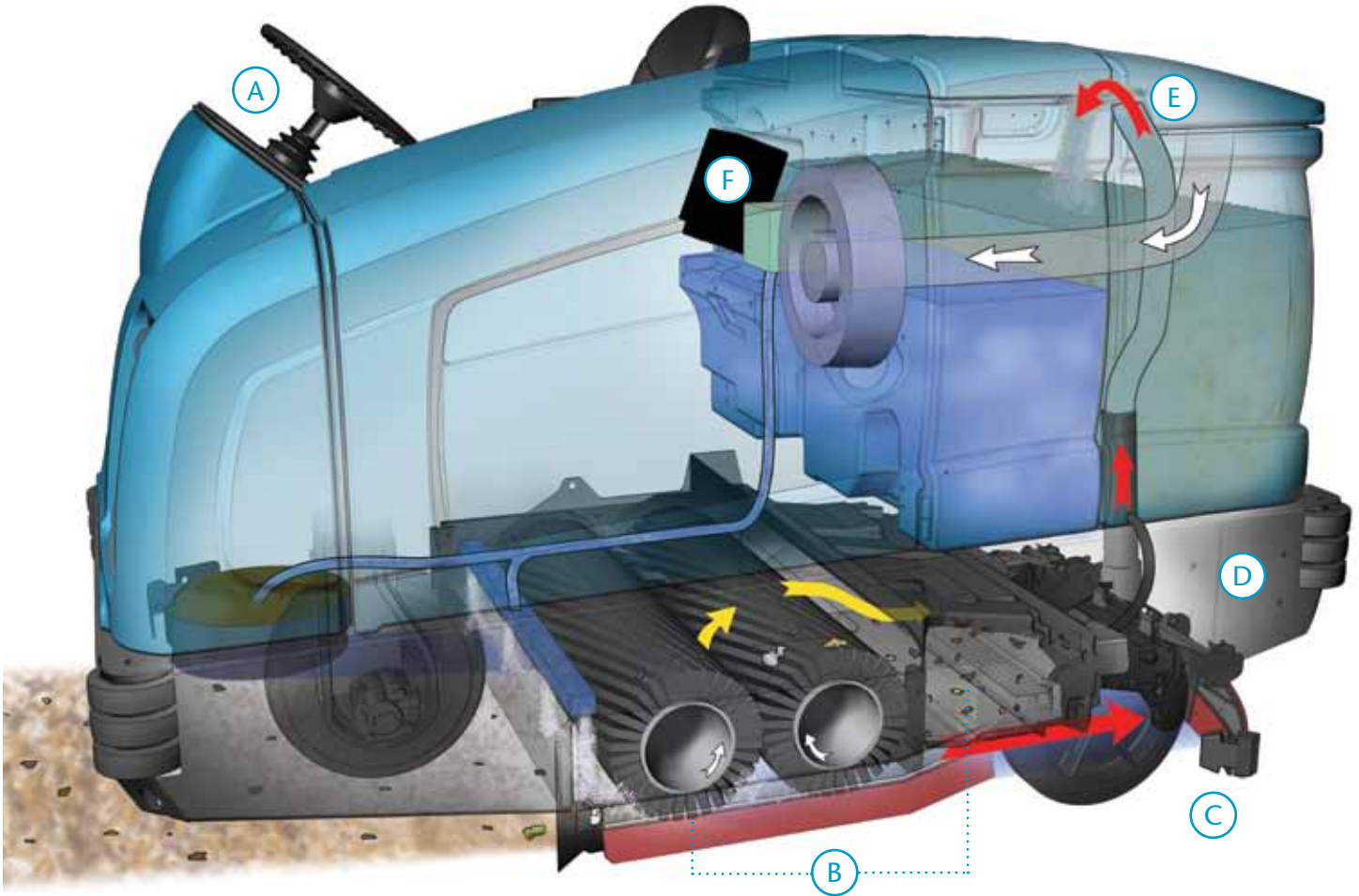
**FaST® Foam Scrubbing Technology** uses up to 70% less water and 90% less chemicals to improve floor traction as certified by NFSI, helping reduce the risk of slip and fall accidents.



**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.

INSIDE THE

# T20



**A** Reduce training time with the Touch-N-Go™ control panel featuring 1-step™ scrubbing.

**B** Maximize productivity with cylindrical brushes and EZ-Remove™ debris tray.

**C** Maximize water pick-up and reduce maintenance time with the Dura-Track™ squeegee with SmartRelease™.

**D** Count on durable, steel frame and Grip-N-Go™ corner rollers to withstand the toughest environments.

**E** Quickly and easily clean solution and recovery tanks with easy-access Hygenic® tanks.

**F** Reduce environmental impact with ec-H2O™ or FaST® technologies.

## COST-EFFICIENT AND PRODUCTIVE

- ▶ **EasyOpen™** service access takes you quickly, easily into the heart of the T20, reducing service time and maintenance costs.
- ▶ **EZ-Remove™** debris tray glides in and out on wheels, improving productivity by relieving operators of strain during transport and dumping.
- ▶ **Achieve outstanding cleaning results** in the harshest industrial environments with dual cylindrical brushes or three gimble-mounted disk brushes for aggressive cleaning.



### OPTIMIZE CLEANING PERFORMANCE WITH TENNANTTRUE® PARTS AND SERVICE

Maximize the uptime and life of your Tennant equipment with TennantTrue parts and service. Benefit from the unmatched knowledge of our team of over 400 factory trained and certified Tennant Service reps. Improve productivity with quality parts and supplies that are designed to enhance equipment results. Depend on TennantTrue parts and service to help you maximize the effectiveness of cleaning operations.



### KEY AVAILABLE FEATURES

Widen the cleaning path from 40 in / 1020 mm up to 54 in / 1370 mm. Improve edge-cleaning and maximize productivity with an optional side brush.

Improve cleaning results. Spot clean hard-to-reach areas with the 15 ft / 5 m spray hose.

Protect your T20 – and your facility. Shield squeegee from backing into structures or hooking onto obstacles with rear and side steel guards.



## ENVIRONMENTAL STEWARDSHIP



**ec-H2O™ and FaST® technologies are 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.



**ec-H2O and FaST technologies are 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.



**ec-H2O and FaST technologies 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 rep or refer to the USGBC website at: [www.usgbc.org](http://www.usgbc.org).



**FaST is a Green Seal (GS-37) Certified Detergent.** Green Seal evaluates and certifies cleaning products based on criteria such as the toxicity of the product, skin and eye irritation, skin sensitization, combustibility, toxicity to aquatic life, and packaging.



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

Choose GE Capital, U.S. Bancorp, or All-Line Leasing for simple, quick financing with flexible upgrade options.

## T20 HEAVY-DUTY INDUSTRIAL SCRUBBER

### SCRUBBING SYSTEM

Cleaning path	
Cylindrical main brushes	40 in / 1,020 mm
Disk main brushes	42 in / 1,070 mm
With scrubbing side brush	54 in / 1,370 mm
With sweeping side brush (cylindrical only)	56 in / 1,420 mm

### BRUSH DRIVE SYSTEM

Cylindrical main brushes	
Brush speed	480 rpm
Brush down pressure (up to)	390 lb / 177 kg
Brush diameter (2)	12 in / 300 mm
Disk main brushes	
Brush speed	230 rpm
Brush down pressure (up to)	400 lb / 181 kg
Brush diameter (3)	14 in / 360 mm
Disk side brush	
Brush speed	150 rpm
Scrubbing brush diameter	16 in / 410 mm
Sweeping brush diameter (cylindrical)	21 in / 530 mm

### SOLUTION DELIVERY SYSTEM

Solution tank	80 gal / 303 L
Solution capacity with ES®	125 gal / 473 L

### RECOVERY SYSTEM

Recovery tank	95 gal / 360 L
Demisting chamber	15 gal / 57 L
Debris tray	
Volume capacity	1.1 ft <sup>3</sup> / 31 L
Weight capacity	110 lb / 50 kg
Vacuum fans	
Speed	11,000 rpm
Water lift	35 in / 890 mm

### PROPELLING SYSTEM

Propel speed forward (variable to)	8.0 mph / 13 km/h
Propel speed reverse (variable to)	4.0 mph / 6.4 km/h
Engine-gasoline/LPG (1.6 L)	55 hp / 41 kW
Engine-diesel (Kubota)	37.5 hp / 28 kW
Gradeability	
Transport at gross weight	10.0°/18%
Working (cleaning)	8.0°/14%
Ground clearance	3 in / 76 mm

### MACHINE SPECIFICATIONS

Length	95 in / 2,410 mm
Width	
Frame	50 in / 1,270 mm
Rear squeegee	51 in / 1,300 mm
With side brush	58 in / 1,470 mm
Height	58 in / 1,470 mm
With overhead guard	83.5 in / 2,120 mm
Weight (empty)	3,300 lb / 1,497 kg
Minimum aisle turn	110 in / 2,790 mm

### WARRANTY

See your local representative for warranty information

Specifications subject to change without notice.

## SEEING IS BELIEVING

For a demonstration or additional information, call +1.800.553.8033 or email [info@tennantco.com](mailto:info@tennantco.com)

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