

## Heavy Duty Industrial Scrubber-Dryer

- Achieve superior cleaning results in the harshest environments with aggressive scrubbing, chemical-free ec-H2O™ or FaST® technologies, and Maxpro hydraulic engineering
- Reach a new standard of safety with optimized operator ergonomics and just-scrubbed floors dry and safe for traffic within seconds
- Lower your total cost of ownership through innovative engineering that increases productivity and reduces service and maintenance

T20



The Safe Scrubbing Alternative®

Extended Scrubbing

# Superior cleaning results at a lower total cost of ownership

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

## **Dramatically lower your total cost of ownership**

Superior 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 minimising 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 or FaST technologies for drier, safer floors.

## **Improve your productivity**

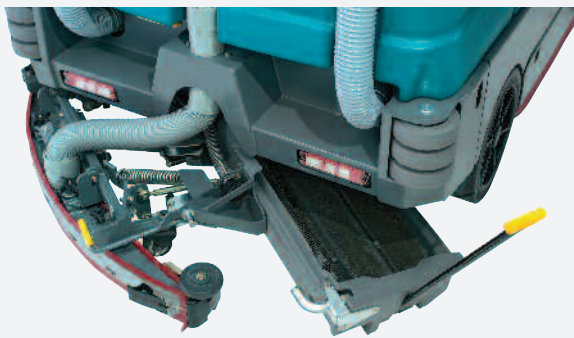
Longer run times, easy brush changes, and quick recovery tank draining make the T20 a machine you can depend on every day of the week.



## COST-EFFICIENT AND PRODUCTIVE



EasyOpen™ service access takes you quickly, easily into the heart of the T20, reducing your downtime, service time, and maintenance costs.



EasyRemove debris tray glides in and out on wheels, relieving operators of strain during transport and dumping, and increasing uptime.



Achieve outstanding cleaning results in the harshest industrial environments with dual cylindrical brushes, or three, aggressively-driven gimble-mounted disk brushes.

## Exclusive Technologies

Engineered with safe productivity in mind, the T20 is

**ecH2O™**  
Electrically converted water

|                 |  |
|-----------------|--|
| Increase safety | <ul style="list-style-type: none"><li>• Eliminate daily cleaners</li><li>• Eliminate packaging disposal</li></ul>          |
| Reduce costs    | <ul style="list-style-type: none"><li>• Reduce water consumption and disposal by up to 70%</li></ul>                       |
| Soil type       | <ul style="list-style-type: none"><li>• Replace daily cleaners</li><li>• Effective on vegetable oils and greases</li></ul> |

## INSIDE THE T20





**A**

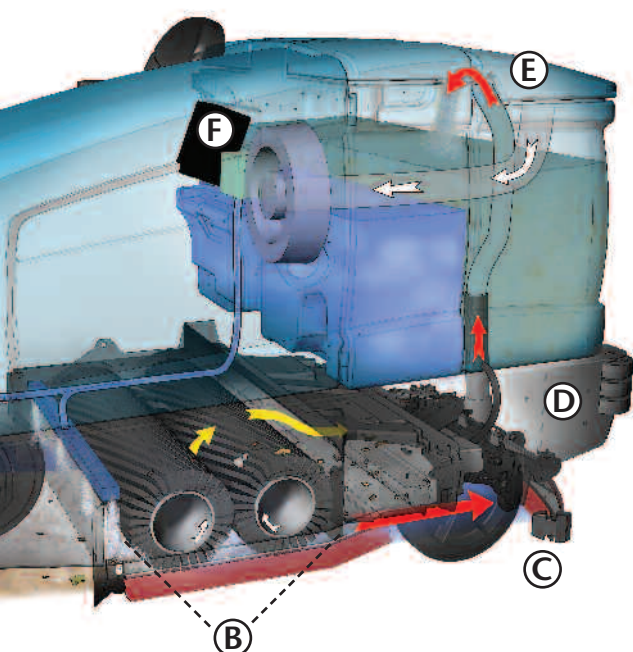
Reduce training time with the Touch-N-Go control panel featuring 1-STEP scrubbing.

**B**

Maximise productivity with cylindrical brushes alongside the EasyRemove debris tray.

available with one of these optional cleaning innovations:

| <br>Foam-activated chemical                        | <br>Recycled for extended scrubbing       |
|--|--|
| <ul style="list-style-type: none"> <li>• Use up to 90% less chemical</li> <li>• Recyclable packaging</li> </ul>                    | <ul style="list-style-type: none"> <li>• Uses up to 66% less chemical (Recommended 3x recycle)</li> </ul>                  |
| <ul style="list-style-type: none"> <li>• Reduce water consumption and disposal by up to 70%</li> </ul>                             | <ul style="list-style-type: none"> <li>• Reduce water consumption and disposal by up to 66%</li> </ul>                     |
| <ul style="list-style-type: none"> <li>• Two grades of chemical from light-/medium-duty cleaner to heavy-duty degreaser</li> </ul> | <ul style="list-style-type: none"> <li>• All grades of chemical – mainly medium cleaner to heavy-duty degreaser</li> </ul> |
| <p><b>All technologies increase scrub time up to three times</b></p>   |  |



**C**

Maximise water pick-up and reduce maintenance 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, easily sanitise solution and recovery tanks with easy-access hygienic tanks.

**F**

Reduce environmental impact with ec-H2O or FaST technologies.

## KEY AVAILABLE FEATURES

### Increase productivity up to 3 hours



Ideal for more porous concrete, ES® filters and recycles solution, using less water and reducing waste.



### Widen the cleaning path from 102 cm up to 137 cm

Achieve superior edge-cleaning and maximise productivity with an optional side brush.



### Improve cleaning results

Spot clean hard-to-reach areas with the 5 m spray hose.

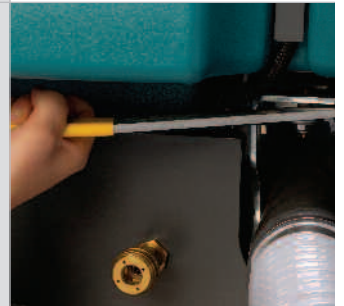


### Protect your T20 – and your facility

Shield squeegee from backing into structures or hooking onto obstacles with rear and side steel guards.

## THE T20 FEATURES AND BENEFITS

|                      | FEATURES   | BENEFITS  |
|----------------------|--|---|
| Increased Safety     | FaST Scrubbing Technology                        | Reduces potential slip-and-fall accidents with NFSI certified detergents          |
|                      | ErgoSpace operator compartment                   | Improves visibility and response time to obstacles                                |
|                      | Grip-N-Go corner rollers                         | Protects your facility and machine against damage                                 |
|                      | Triple-sealed electrical connectors              | Weatherproof, automotive electrical connections                                   |
| Reduced Costs        | ec-H2O Chemical -free technology                 | No chemicals, 70% less water, less labor, less training                           |
|                      | EasyOpen service access and on-board diagnostics | Quick, easy maintenance allowing maximum uptime                                   |
|                      | SmartRelease squeegee                            | Reduces maintenance and replacement parts due to squeegee damage                  |
|                      | No tool squeegee, brush change                   | Reduces downtime and minimizes operator fatigue during brush change               |
| Maximum Productivity | ES with detergent metering                       | Extend your cleaning time up to 3,5 hours   |
|                      | Smooth, front-wheel steering                     | Provide superior maneuverability in tight area                                    |
|                      | Touch-N-Go operation                             | One single button Increase productivity and simple to use (remember last setting) |
|                      | Hygienic tanks                                   | Provide easy visibility & accessibility to tanks for cleaning purpose             |
|                      | Variable Drain Valve                             | Control & Minimize tank draining time   |



## Tennant Company 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 organization 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, in line with the broad aims of the European Union and business representative groups across the member states.



Conserve  
Resources



Reduce  
Detergents



Increase  
Safety



Improve  
Air Quality



Reduce  
Noise

## GENUINE TENNANT PARTS, SUPPLIES & SERVICE

Genuine Tennant Parts Advantage Operate your machine with confidence by choosing genuine Tennant parts. Only authentic Tennant parts are engineered in conjunction with Tennant equipment. For years of worry-free operation, accept only genuine parts and supplies. Direct Service Network In Europe, Tennant offers a factory-trained, locally based network of more than 220 service technicians dedicated to keeping your cleaning program up and running. Protect your investment with a Tennant Service Agreement. Choose one of the many Tennant Financial Solutions for easy and quick financing. For more detailed information on these topics, please contact your Tennant sales person

## SEEING IS BELIEVING

See for yourself how the T20 scrubber-dryer delivers clean, safe floors in your most challenging environments. For a demonstration or additional information :

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## T20 INDUSTRIAL RIDER SCRUBBER

### Integrated Cleaning System

|   |            |
|---|------------|
| Cleaning path                               |            |
| Cylindrical main brushes                    | 120 cm     |
| Disk main brushes                           | 107 cm     |
| With scrubbing side brush                   | 137 cm     |
| With sweeping side brush (cylindrical only) | 142 cm     |
| Cylindrical main brushes                    |            |
| Brush speed                                 | 480 rpm    |
| Brush down pressure (up to)                 | 177 kg     |
| Brush diameter (2)                          | 30 cm      |
| Disk main brushes                           |            |
| Brush speed                                 | 230 rpm    |
| Brush down pressure (up to)                 | 181 kg     |
| Brush diameter (3)                          | 36 cm      |
| Disk side brush                             |            |
| Brush speed                                 | 150 rpm    |
| Scrubbing brush diameter                    | 41 cm      |
| Sweeping brush diameter (cylindrical)       | 53 cm      |
| Tanks                                       |            |
| Solution tank                               | 303 L      |
| Solution capacity with ES®                  | 473 L      |
| Recovery tank                               | 360 L      |
| Demisting chamber                           | 57 L       |
| Debris tray                                 |            |
| Volume capacity                             | 31 L       |
| Weight capacity                             | 50 kg      |
| Vacuum fans                                 |            |
| Speed                                       | 11.000 rpm |
| Water lift                                  | 89 cm      |

### Propelling System

|                                    |              |
|------------------------------------|--------------|
| Propel speed forward (variable to) | 13 km/h      |
| Propel speed reverse (variable to) | 6.4 km/h     |
| Engine-LPG (1.6 L)                 | 41 kW        |
| Engine-diesel (Kubota)             | 28 kW        |
| Gradeability                       |              |
| Transport at gross weight          | 10.0 deg/18% |
| Working (cleaning)                 | 8.0 deg/14%  |
| Ground clearance                   | 7.6 cm       |

### Machine Dimensions

|                     |         |
|---------------------|---------|
| Length              | 241 cm  |
| Width               |         |
| Frame               | 127 cm  |
| Rear squeegee       | 130 cm  |
| With side brush     | 147 cm  |
| Height              | 147 cm  |
| With overhead guard | 212 cm  |
| Weight (empty)      | 1497 kg |
| Minimum aisle turn  | 279 cm  |

*Specifications subject to change without notice.*