CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT







T20

HEAVY-DUTY INDUSTRIAL SCRUBBER

- Achieve excellent cleaning results with aggressive scrubbing and MaxPro^{2TM} hydraulic technology
- Maximise productivity with ec-H2O^{TM} technology for cleaning up to three times longer than conventional scrubbing
- Increase visibility with cab-forward design, open sightlines, and steering-wheel-mounted controls
- Improve operator and supervisor experience with available Pro-Panel^{TM} technology

A HIGH-PERFORMING, HEAVY-DUTY SCRUBBER FOCUSED ON DELIVERING CUSTOMISED SOLUTIONS TO MEET CUSTOMER NEEDS



THE T20 ADDRESSES YOUR KEY BUSINESS CHALLENGES

REDUCE COST TO CLEAN

- Maximise productivity with an optional side brush that provides increased reach along edges and a wider cleaning path.

MAINTAIN HEALTH & SAFETY

- Ensure safe operation with cab-forward design that improves visibility and full front shroud that ensures operator leg and foot protection.

ENHANCE FACILITY IMAGE

- Deliver excellent cleaning results with MaxPro2™ hydraulic technology that provides consistent power to the brush drive motors regardless of floor surface changes.

EASY OPERATION & MAINTENANCE

- Reduce training and simplify operation with the Touch-n-Go™ control module featuring 1-Step™ start button.

INSIDE THE

T20

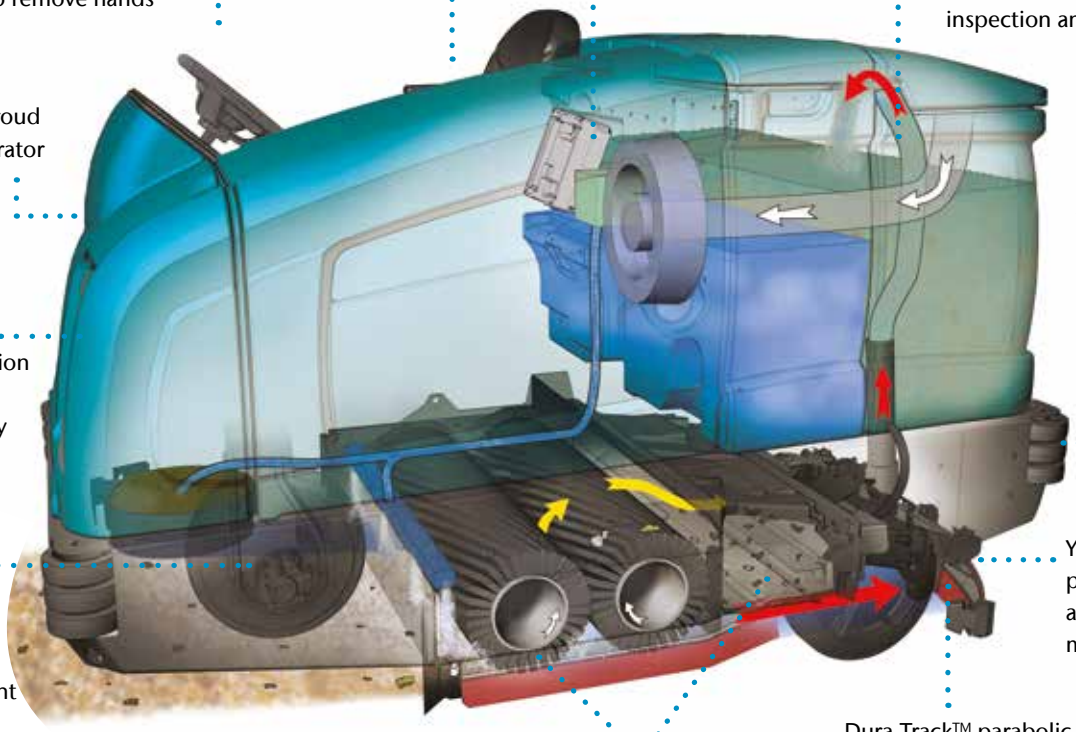
Touch-n-Go™ control module with 1-Step™ start button allows easy access to cleaning settings without having to remove hands from the wheel

Forward operating position improves operator safety and visibility

Optional ec-H2O™ technology improves productivity and reduces environmental impact

Solution and recovery tanks allow for complete visual inspection and cleanout

Full front shroud ensures operator leg and foot protection



Heavy-gauge steel frame with full wraparound bumper and cushioned rollers help protect machine life

Corrosion-resistant Duramer™ construction on shrouding and solution and recovery tanks for long life

Yellow touch points save time and ensure proper maintenance

Front-wheel steering and high-traction tyres provide excellent manoeuvrability in congested spaces

Dura-Track™ parabolic squeegee with SmartRelease™ improves water pickup and damage resistance

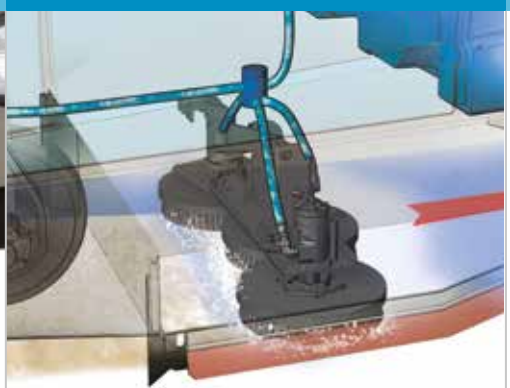
Cylindrical brushes and easy-to-remove debris tray maximise productivity

KEY OPTIONS

Scrubbing side brush widens cleaning path up to 54 in/1,370 mm.



Disk scrub head for effective scrubbing and simple no-tool brush change.



Rear and side steel guards protect squeegee upon impact and prevent it from hooking on to obstacles.



ENGINEERED FOR PRODUCTIVITY



Touch-n-Go™ Control Module



Operator Compartment



Dura-Track™ Parabolic Squeegee

- **Touch-n-Go™ control module with 1-Step™** start button allows operators quick access to all settings without removing hands from the steering wheel.
- **Cab-forward position and spacious operator compartment** provide outstanding visibility, safety and ergonomics to protect operators, the machine and your facility.
- **Dura-Track™ parabolic squeegee with SmartRelease™** delivers exceptional water pickup and reduces maintenance and replacement parts due to squeegee damage.
- **Easy-access design** offers quick service access and visibility to on-board diagnostics, helping minimise downtime and reduce maintenance costs.
- **Debris tray on cylindrical units is equipped with handle and wheels** to allow for simple and fast removal, transport, and emptying of the debris.
- **Heavy-duty frame with cushioned corner rollers** helps protect your facility and machine.



Easy-Access Design



Debris Tray



Heavy-duty Frame and Cushioned Corner Rollers

Overhead guard protects operators from falling objects.



High-powered pressure washer allows for easy blast-cleaning of hard-to-reach areas.



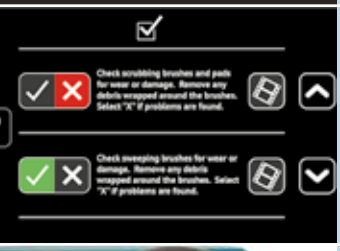
Safety warning light ensures awareness of machine during operation.



INNOVATIVE TECHNOLOGIES



Pro-ID™


Pro-Check™


PerformanceView™


Backup Camera



Multiple Languages

AVAILABLE PRO-PANEL™ TECHNOLOGY REDEFINES THE USER EXPERIENCE



Transform your cleaning operation with Pro-Panel™ technology – a revolutionary breakthrough in user experience. Pro-Panel™ technology integrates multiple controls into an intuitive, high-visibility touchscreen interface.

- Effectively manage your asset and operators with **supervisor controls** that allow the machine function to be matched to the operator skill level and prevent unauthorised use.
- Ensure successful starts with **Pro-ID**™ operator login, which automatically activates the specific operator's personalised cleaning settings and downloadable **Pro-Check**™ pre-operation checklists.
- Increase cleaning efficiency with programmable **Zone Settings**™ that allow you to establish preferred cleaning settings by area of facility.
- Provide operators with a view of their cleaning path without having to take their eyes off the direction of travel with **PerformanceView**™.
- Increase visibility with a **backup camera** featuring coloured guidelines that help drivers safely dump debris and avoid objects when in reverse.
- Reduce the need for extensive operator training with **on-board, on-demand videos**.
- Increase machine ease of use with **28 different language** options.

ADDITIONAL EXCLUSIVE TECHNOLOGIES

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

ec-H2O An ORBIO 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.

NFSI HIGH-TRACTION NSF

ES

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.

* Based on a study by EcoForm™. Visit www.tennantco.com for more information.

ENVIRONMENTAL STEWARDSHIP

ec-H2O and FaST technologies are NFSI (National Floor Safety Institute) Certified. NFSI certification ensures a product has passed a two-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) 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

Manage your cleaning program with key performance metrics based on machine data.

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

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/533 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 ft³/31 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 (2.0 L)	50 Hp/37.3 kW
Engine-diesel (1.5 L)	24.8 Hp/18.5 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/1,473 mm
Height	58 in/1,473 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

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