CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



M30

LARGE INTEGRATED SWEEPER-SCRUBBER

- Superior results in just one pass – with FloorSmart® integrated cleaning system technology
- Lower Total Cost of Ownership™ without compromising safety or performance
- Reliably clean up to three times longer than conventional scrubbing with ec-H2O™ or FaST® technology

ELIMINATING THE COMPLEXITY OF TRADITIONAL SWEEPER-SCRUBBERS.







A fully-integrated sweeper-scrubber, the M30 is engineered for dependable, industrial-strength cleaning when sweeping, scrubbing or doing both at once.

MAXIMISE YOUR PRODUCTIVITY

Built with a rugged steel frame, long-lasting Duramer™ construction, and ISO 9001 certified quality manufacturing, the M30 is a machine you can depend on every day of the week.

DRAMATICALLY LOWER TOTAL COST OF OWNERSHIP

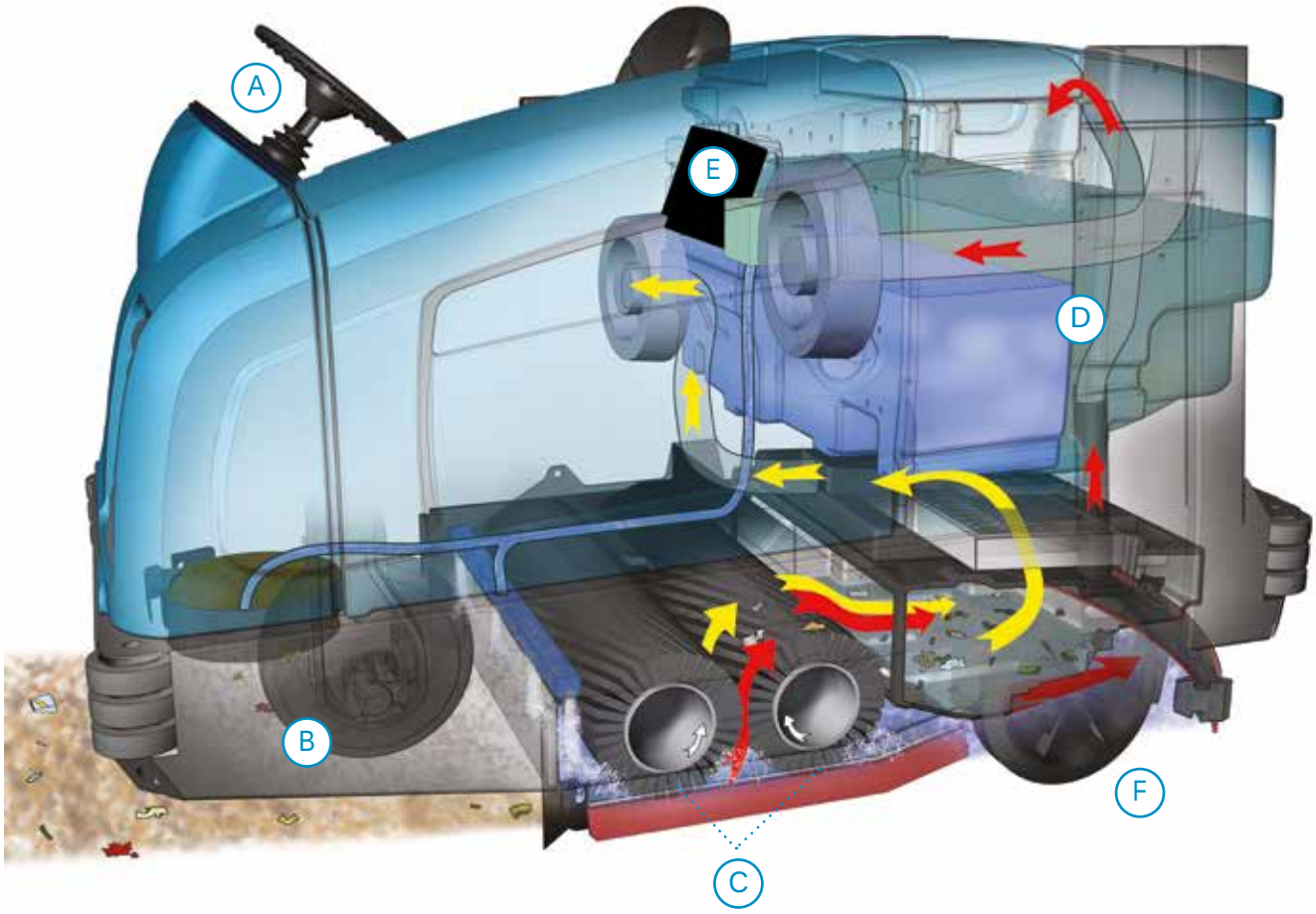
Without compromising safety or performance, we've reduced the total cost of ownership for machines that both scrub and sweep. With two brushes instead of four, EasyOpen™ service access, and 14% fewer parts, the M30 is one of the most efficient, industrial cleaning machines available.

SAFER FOR YOUR OPERATORS, CUSTOMERS, AND EMPLOYEES

Protect your operator, your customers, and your facility with Tennant's exclusive ErgoSpace™ operator compartment, ec-H2O™ or FaST scrubbing technology, Hygenic® cleanable tanks and Grip-N-Go™ corner rollers.

INSIDE THE

M30



A Reduce training time with Touch-N-Go™ one-button operation.

B Superior manoeuvrability for cleaning in tight areas with front wheel steering and high traction scrubber-dryer tyres.

C Integrated scrubbing and sweeping system eliminates machine complexity and improves reliability.

D Maximise productivity and safety with easy-to-clean Hygenic® solution and recovery tanks.

E Reduce environmental impact with ec-H2O or FaST technology.

F Manoeuvre easily, indoors and out, with rugged 460 mm tyres.

PRODUCTIVE. CLEAN. SAFE.

- Reduce downtime, service time, and maintenance costs by quickly accessing the heart of the M30 with EasyOpen™ service access.
- Achieve outstanding results in the harshest environments with dual cylindrical brushes combined with a large 360 L recovery tank and 198 L hopper that allows you to sweep and/or scrub in a single pass.
- Maintain safety and improve efficiency for operators and your facility with the outstanding visibility and ergonomics designed into the ErgoSpace™ operator compartment.







KEY AVAILABLE OPTIONAL FEATURES

Increase productivity up to 3 hours. Dramatically extend cleaning time, even when cleaning porous concrete, by continually filtering and recycling recovered solution with the ES system.



Widen cleaning path from 1220 to 1625 mm. Achieve superior edge-cleaning capabilities and maximum productivity with the side brush.



Enhance cleaning flexibility. Blast clean hard-to-reach areas easily with the 7.6 m, 2200 psi pressure washer.



Protect operator and machine. Ensure safety in severe environments with heated and cooled soft cab.



M30 INTEGRATED SWEEPER-SCRUBBERS







INCREASED SAFETY

- **FaST® Foam Scrubbing Technology** – reduces potential slip-and fall accidents with NFSI certified detergents
- **ErgoSpace™** – improves operator visibility and ergonomics
- **Thermo-Sentry™** – Preventive fire safety, reduces risk of hopper fires
- **Grip-N-Go™** – corner rollers protect your facility and machine

REDUCED COSTS

- **ec-H2O™ technology** – reduces training, purchasing, storing, handling, and mixing tasks and costs associated with floor cleaning chemicals.
- **EasyOpen™** – service access and on-board diagnostics
- **SmartRelease™** – break-away squeegees reduce maintenance and replacement parts due to squeegee damage
- **MazPro™** – hydraulic technology reduces component wear

MAXIMUM PRODUCTIVITY

- **ES® Extended Scrubbing -** recycles cleaning chemicals to increase uptime and conserve water
- **Hygenic® tanks** – easy visibility and access to solution and recovery tanks for cleaning hygiene
- **Variable Drain Valves™** – control the flow of water leaving the tanks
- **Touch-N-Go™** – intuitive control panel remembers last settings

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 a cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact compared to daily cleaning floor chemicals[1].

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.

[1] 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.

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) is an independent awards programme designed to recognise and promote excellence, best practice and innovation in the European business community.



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

M30 RIDER SWEEPER-SCRUBBER

SWEEPER-SCRUBBER

Cleaning path	1220 mm
With scrubbing side brush	1575 mm
With sweeping side brush	1625 mm
Cylindrical main brushes	
Brush speed	480 rpm
Brush down pressure (up to)	177 kg
Brush diameter (2)	305 mm
Side brush	
Brush speed	150 rpm
Scrubbing brush diameter	410 mm
Sweeping brush diameter	535 mm
Tanks	
Solution tank	284 L
Solution capacity with ES®	379 L
Recovery tank	360 L
Demisting chamber	76 L
Debris hopper	
Volume capacity	198 L
Weight capacity	295 kg
Dump height (variable to)	1525 mm
Vacuum fans	
Scrubbing fan speed	11000 rpm
Scrubbing fan water lift	890 mm
Sweeping fan speed	6500 rpm
Sweeping fan airflow	8.2 m^3/min

PROPELLING SYSTEM

Propel speed forward (variable to)	13 km/h
Propel speed reverse (variable to)	4.8 km/h
Engine-gasoline/LPG (1.6 L)	44.7 kW
Engine-diesel turbo (1.5 L)	30 kW
Gradeability	
Transport at gross weight	14%
Working (cleaning)	10%
Ground clearance (transport)	80 mm

DUST CONTROL SYSTEM

Filter system	Synthetic fiber panel
Filter area	7.3 m^2
Dust filtration (to)	3 microns @ 99% efficiency
Shaker mechanism (automatic)	Timed, beater bar

MACHINE SPECIFICATIONS

Length	2745 mm
Width	
Frame	1475 mm
Rear squeegee	1500 mm
With side brush	1625 mm
Height	1475 mm
With overhead guard	2135 mm
Weight (empty)	1815 kg
Minimum aisle turn	3175 mm

WARRANTY

See your local representative for warranty information.

Specifications subject to change without notice.

SEEING IS BELIEVING

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