

M30



Large Integrated Scrubber-Sweeper

- Superior results in just one pass – with FloorSmart® integrated cleaning system
- 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® technologies



Electrically Converted Water



The Safe Scrubbing Alternative®



Extended Scrubbing

Eliminating the complexity of traditional sweeper-scrubbers.

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

Maximize 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 technologies, Hygenic® cleanable tanks and Grip-N-Go™ corner rollers.



Exclusive Technologies

(optional cleaning innovations)



- | | |
|-----------------|---|
| Increase safety | <ul style="list-style-type: none">• High traction certified by NFSI• Reduce chemical accidents |
| Reduce costs | <ul style="list-style-type: none">• Eliminate purchase of daily cleaners• Reduce water consumption and disposal by up to 70% |
| Soil type | <ul style="list-style-type: none">• Replace daily cleaners• Effective on food-based oils and greases |



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|-----------------|--|
| Increase safety | <ul style="list-style-type: none">• High traction certified by NFSI• Eliminate measuring and mixing |
| Reduce costs | <ul style="list-style-type: none">• Reduce chemical usage up to 90%• Reduce water consumption and disposal by up to 70% |
| Soil type | <ul style="list-style-type: none">• Three grades of chemical from light-duty cleaner to heavy-duty degreaser |



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|-----------------|--|
| Increase safety | <ul style="list-style-type: none">• Reduce chemical handling by 66% (Three cycles maximum per fill) |
| Reduce costs | <ul style="list-style-type: none">• Reduce water consumption and disposal by up to 66% |
| Soil type | <ul style="list-style-type: none">• All grades of chemical – mainly medium cleaner to heavy-duty degreaser |

All technologies increase scrub time up to three times



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 95 gal / 360 L recovery tank and 7 ft³ / 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.

INSIDE THE M30

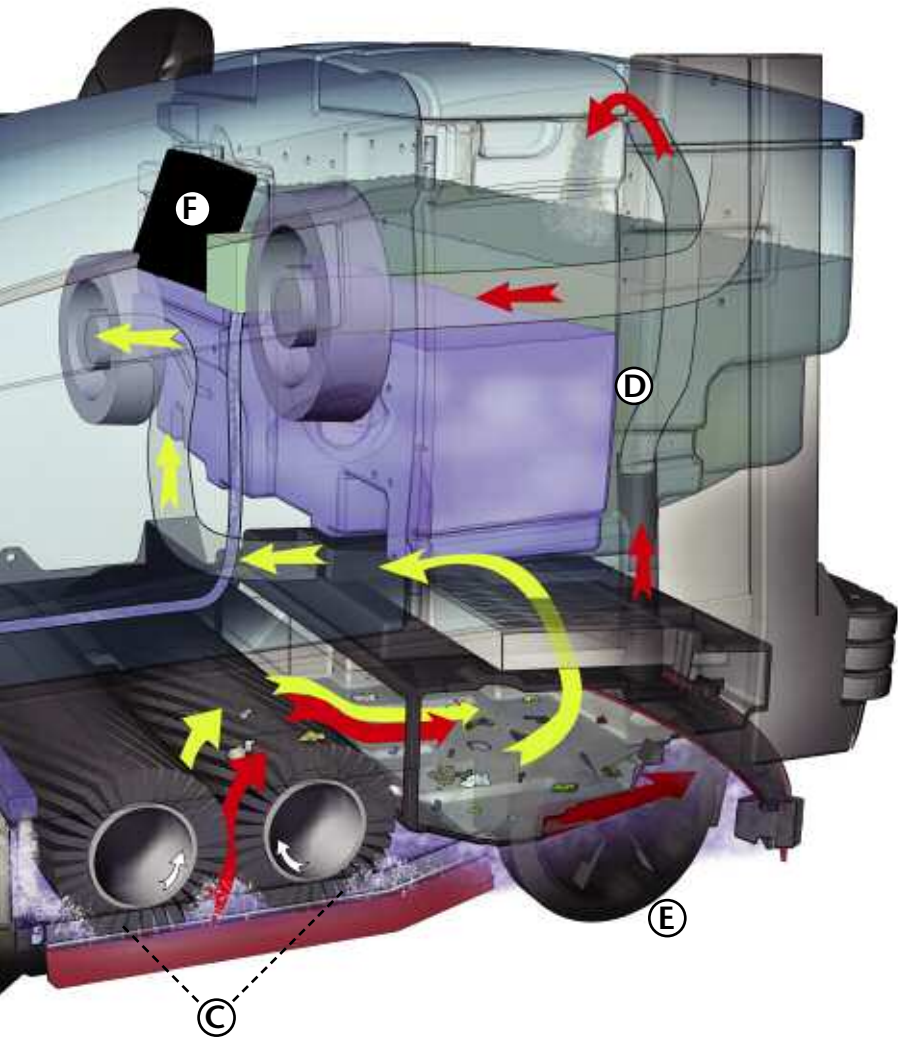


A

Superior maneuverability for cleaning in tight areas with front wheel steering and high traction scrubber tires.

B

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



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

D
Maximize productivity and safety with easy-to-clean-and-sanitize large Hygenic® solution and recovery tanks.

E
Maneuver easily, indoors and out, with rugged 18 in / 460 mm tires.

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

KEY AVAILABLE FEATURES

Increase productivity up to 3 hours

ES® Dramatically extend cleaning time, even when cleaning porous concrete, by continually filtering and recycling recovered solution with the ES® system.



Widen cleaning path from 48 up to 64 inches / 1,220 to 1,625 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 25 ft / 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

	RESULT	FEATURE	
Increased Safety	Reduces potential slip-and-fall accidents with NFSI certified detergents	FaST® scrubbing technology	
	Improves visibility and response time to obstacles	ErgoSpace™ operator compartment	
	Reduces the risk of accidental hopper fires	Thermo-Sentry™ hopper sensor	
	Protects your facility and machine against damage	Grip-N-Go™ corner rollers	
	Independent laboratory certified for global safety compliance	Underwriter's Laboratory (UL®) Certified	
Reduced Costs	No chemicals, 70% less water, less labor, less training	ec-H2O™ chemical-free scrubbing	
	Less complexity, fewer parts to repair, and only 2 brushes to replace	FloorSmart® integrated machine	
	Quick, easy maintenance allowing maximum uptime	EasyOpen™ service access and on-board diagnostics	
	Reduces maintenance and replacement parts due to squeegee damage	SmartRelease™ break-away squeegee	
	Reduces component wear while delivering consistent hydraulic power for better cleaning	MaxPro ² ™ hydraulic technology	
Maximum Productivity	Avoid detergent overuse and conserve water	ES® Extended Scrub system with detergent metering	
	Provide easy visibility to solution and recovery tanks for cleaning and sanitization	Hygenic® tanks	
	Control the flow of the water leaving the tanks without the normal fuss and mess	Variable Drain Valves™	
	Intuitive control panel that remembers last settings allows for operation with just a touch of a button	Touch-N-Go™ control panel	



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.



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.



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 or U.S. Bank, our leasing providers, for simple, quick financing with flexible upgrade options.

M30 RIDER SCRUBBER-SWEEPER

Integrated Cleaning System

Cleaning path	48 in	1,220 mm
With scrubbing side brush	62 in	1,575 mm
With sweeping side brush	64 in	1,625 mm
Cylindrical main brushes		
Brush speed	480 rpm	480 rpm
Brush down pressure (up to)	390 lb	177 kg
Brush diameter (2)	12 in	305 mm
Side brush		
Brush speed	150 rpm	150 rpm
Scrubbing brush diameter	16 in	410 mm
Sweeping brush diameter	21 in	535 mm
Tanks		
Solution tank	75 gal	284 L
Solution capacity with ES®	100 gal	379 L
Recovery tank	95 gal	360 L
Demisting chamber	20 gal	76 L
Debris hopper		
Volume capacity	7 ft ³	198 L
Weight capacity	650 lb	295 kg
Dump height (variable to)	60 in	1,525 mm
Vacuum fans		
Scrubbing fan speed	11,000 rpm	11,000 rpm
Scrubbing fan water lift	35 in	890 mm
Sweeping fan speed	6,500 rpm	6,500 rpm
Sweeping fan airflow	290 cfm	8.2 m ³ /min

Dust Control System

Filter system	Synthetic fiber panel	Synthetic fiber panel
Filter area	78 ft ²	7.3 m ²
Dust filtration (to)	3 microns @ 99% efficiency	3 microns @ 99% efficiency
Shaker mechanism (automatic)	Timed, beater bar	Timed, beater bar

Propelling System

Propel speed forward (variable to)	8 mph	13 km/h
Propel speed reverse (variable to)	3 mph	4.8 km/h
Engine-gasoline/LPG (1.6 L)	55 hp	34 kW
Engine-diesel turbo (1.5 L)	40.5 hp	30 kW
Gradeability		
Transport at gross weight	8.0 deg/14%	8.0 deg/14%
Working (cleaning)	6.0 deg/10%	6.0 deg/10%
Ground clearance (transport)	3 in	80 mm

Machine Dimensions

Length	108 in	2,745 mm
Width		
Frame	58 in	1,475 mm
Rear squeegee	59 in	1,500 mm
With side brush	64 in	1,625 mm
Height		
With overhead guard	84 in	2,135 mm
Weight (empty)	4,000 lb	1,815 kg
Minimum aisle turn	125 in	3,175 mm

Warranty

All parts (excluding batteries) have a 36 month warranty under normal use and service, on-site service labor coverage of warranty items for 24 months, and 6 months travel.

SEEING IS BELIEVING

See for yourself how the M30 scrubber-sweeper delivers clean, safe floors. For a demonstration or additional information, call **800.553.8033**.

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Tennant

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