



Model M30 Specifications

INDUSTRIAL 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
Brush diameter (2)	12 in 305 mm
Brush down pressure (up to)	390 lb 177 kg
Side brush	
Brush speed	150 rpm
Brush diameter – scrubbing	16 in 410 mm
Brush diameter – sweeping	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
Scrubbing fan water lift	35 in 890 mm
Sweeping fan speed	6,500 rpm
Sweeping fan airflow	290 cfm 8.2 m ³ /min

DUST CONTROL SYSTEM

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

PROPELLING SYSTEM

Propel speed forward (variable up to)	8 mph 13.0 km/h
Propel speed reverse (variable up to)	3 mph 4.8 km/h
Engine-gasoline/LPG (1.6 L)	50 hp 37.2 kW @ 2400 RPM
Engine-diesel turbo (1.5 L)	40.5 hp 30 kW @ 2800 RPM
Gradeability	
Transport at gross weight	8.0 deg / 14.0%
Working (cleaning)	6.0 deg / 10.0%
Ground clearance (transport)	3 in 80 mm
Tire front (1), solid	18 x 6.0 in 460 x 150 mm
Tires rear (2), solid	18 x 5.0 in 460 x 127 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	58 in 1,475 mm
With overhead guard / cab	84 in 2,135 mm
Weight	
Empty	4,000 lb 1,815 kg
GVW	5,400 lb 2,449 kg
Minimum aisle turn	125 in 3,175 mm

STANDARD FEATURES

- 1-STEP™ scrubbing/sweeping operation
- Demisting chamber
- Dual vacuum fans
- Dura-Track™ parabolic rear squeegee
- EasyOpen™ service access
- ErgoSpace™ operator compartment
- FaST[®] - Foam-activated Scrubbing Technology
- FloorSmart[®] system
- Grip-N-Go™ corner rollers
- Headlights and taillights
- High-density Duramer™ exterior
- Hygenic[®] solution and recovery tanks
- InstantAccess™ filter change
- MaxPro²™ hydraulic technology
- Soft ride tires
- Touch-N-Go™ control panel
- Thermo-Sentry™
- Variable Drain Valves™ - solution and recovery

OPTIONAL EQUIPMENT

- Audio-visual kit: back-up alarm and safety warning light
- Edge cleaning – scrubbing or sweeping side brush
- ES[®] - Extended Scrub system (not with FaST[®])
- Fire extinguisher
- Overhead guard
- Pressure wand (2200 psi) w/ 25 ft (7.6 m) hose
- Soft cab w/ air conditioning and heat
- Squeegee protection kit
- Squeegee vacuum wand
- Spray hose and nozzle – 15 ft / 5 m

WARRANTY

Please refer to your local Tennant representative for information.

For a complete selection of genuine Tennant brushes and parts, please consult the *M30 Parts and Consumables Reference Sheet*.