



M30 Specifications | Industrial Rider Sweeper-Scrubber

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 533 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 ft³ 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 m³/min

DUST CONTROL SYSTEM

Filter system	Synthetic fiber panel
Filter area	78 ft² 7.3 m²
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)	8.0 mph 12.9 km/h
Propel speed reverse (variable up to)	3.0 mph 4.8 km/h
Engine-gasoline (2.0 L)	
Gross Intermittent Power*	50.7 hp (37.8 kw) @ 2800 rpm
Tennant Governed Power	40.6 hp (30.3 kw) @ 2300 rpm
Engine-LPG (2.0 L)	
Gross Intermittent Power*	51.6 hp (38.5 kw) @ 2800 rpm
Tennant Governed Power	42.4 hp (31.6 kw) @ 2300 rpm
Engine-diesel turbo (1.5 L)	
Gross Intermittent Power*	44.2 hp (33.0 kW) @3000 rpm
Tennant Governed Power	41.0 hp (30.6 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 140 mm
Tires rear (2), solid	16 x 5.0 in 460 x 127 mm

MACHINE DIMENSIONS

Length	108 in 2,745 mm
Width	
Frame	58 in 1,473 mm
Rear squeegee	59 in 1,500 mm
With side brush	64 in 1,625 mm
Height	58 in 1,473 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™ one button sweep/scrub operation
 Touch-n-Go™ wheel-mounted module
 Wheel-mounted horn
 Wheel-mounted water shut-off
 Yellow maintenance touch points
 No-tool squeegee change
 No-tool brush change
 Demisting chamber
 Dual vacuum fans
 Dura-Track™ parabolic rear squeegee
 Cushion rollers
 Fire extinguisher
 SmartRelease™ breakaway squeegee system
 FloorSmart® integrated cleaning system technology
 Headlights and taillights
 High-density Duramer™ exterior
 InstantAccess™ filter change
 MaxPro²™ hydraulic technology
 Soft ride tires
 Thermo-Sentry™
 Underwriters Laboratory (UL®) certified

OPTIONAL EQUIPMENT

Pro-Panel™ controls
 ec-H2O™ solution system
 ES® Extended Scrub w/detergent metering
 AV backup alarm (LED)
 Edge cleaning – scrubbing or sweeping side brush
 Hopper cleanout tool
 Overhead guard
 Power wand
 Vacuum wand (wet pick-up)
 Safety warning light
 Squeegee protection kit
 Spray hose – 15 ft / 5 m
 Pressure washer (2200 psi) with 25 ft (7.0 m) hose
 IRIS® solution**
 Underwriters Laboratory (UL®) Type LPS Certified
 Wet Only with Conservation (WOC) Functionality

WARRANTY

Please refer to your local Tennant representative for information.

*Per SAE J1995

**Available in select region

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