



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

# 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)	425 lb   193 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
- MaxPro<sup>2</sup>™ hydraulic technology
- Soft ride tires
- Thermo-Sentry™
- Underwriters Laboratory (UL®) certified

## OPTIONAL EQUIPMENT

- Pro-Panel™ controls
- ec-H2O™ solution system with SE Switch
- ES® Extended Scrub w/detergent metering
- Detergent Metering with Conventional Solution System
- 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*.