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)	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 - LPG (2.0 L)	42.4 hp | 31.6 kW
Engine - diesel (1.5 L)	41 hp | 30.6 kW
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™
AV backup alarm (LED)
Edge cleaning – scrubbing or sweeping side brush

OPTIONAL EQUIPMENT

Pro-Panel™ controls
ec-H2O™ solution system
ES® Extended Scrub w/detergent metering
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 / 150 bar) with 25 ft (7.0 m) hose
IRIS® solution*
**Available in select regions*

WARRANTY

Please refer to your local Tennant representative for information.

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

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