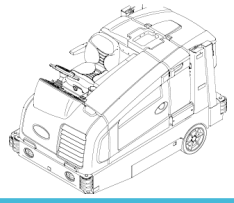
CREATING A CLEANER, SAFER, HEALTHIER WORLD.



M20 Specifications | Industrial Rider Sweeper-Scrubber

INTEGRATED CLEANING SYSTEM

Cleaning path	1,020 mm
With scrubbing side brush	1,370 mm
With sweeping side brush	1,420 mm
Cylindrical main brushes	
Brush speed	480 rpm
Brush diameter (2)	300 mm
Brush down pressure (up to)	177 kg
Side brush	
Brush speed	150 rpm
Brush diameter – scrubbing	410 mm
Brush diameter – sweeping	533 mm
Tanks	
Solution tank	212 L
Solution capacity with ES®	280 L
Recovery tank	276 L
Demisting chamber	61 L
Debris hopper	
Volume capacity	110 L
Weight capacity	177 kg
Dump height (variable to)	1,520 mm
Vacuum fans	
Scrubbing fan speed	11,000 rpm
Scrubbing fan water lift	890 mm
Sweeping fan speed	6,500 rpm
Sweeping fan airflow	8.2 m³/min

DUST CONTROL SYSTEM

Filter system	Synthetic fiber panel
Filter area	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)	12.9 km/h
Propel speed reverse (variable up to)	4.8 km/h
Engine-gasoline (2.0 L)	
Gross Intermittent Power*	37.8 kw @ 2800 rpm
Tennant Governed Power	30.3 kw @ 2300 rpm
Engine-LPG (2.0 L)	
Gross Intermittent Power*	38.5 kw @ 2800 rpm
Tennant Governed Power	31.6 kw @ 2300 rpm
Engine-diesel (1.5 L)	
Gross Intermittent Power*	18.5 kW @2300 rpm
Tennant Governed Power	.5 kW @2300 rpm
Gradeability	
Transport at gross weight	10.0 deg / 18.0%
Working (cleaning)	8.0 deg / 14%
Ground clearance (transport)	80 mm
Tire front (1), solid	460 x 140 mm
Tires rear (2), solid	410 x 90 mm

MACHINE DIMENSIONS

Length	2,410 mm
Width	
Frame	1,270 mm
Rear squeegee	1,300 mm
With side brush	1,473 mm
Height	1,473 mm
With overhead guard	2,120 mm
Weight – empty	1,497 kg
Minimum aisle turn	2,790 mm

STANDARD FEATURES

1-Step™ one button sweep/scrub operation
Touch-n-Go™ wheel-mounted module
Wheel-mounted horn
Wheel-mounted water shut-off
No-tool squeegee change
No-tool brush change
Yellow maintenance touch points
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
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 *M20 Parts and Consumables Reference Guide.*

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