



## M30 Specifications | Industrial Rider Sweeper-Scrubber

### INTEGRATED CLEANING SYSTEM

|                             |            |
|-----------------------------|------------|
| Cleaning path               | 1,220 mm   |
| With scrubbing side brush   | 1,575 mm   |
| With sweeping side brush    | 1,625 mm   |
| Cylindrical main brushes    |            |
| Brush speed                 | 480 rpm    |
| Brush diameter (2)          | 305 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               | 284 L      |
| Solution capacity with ES®  | 379 L      |
| Recovery tank               | 360 L      |
| Demisting chamber           | 76 L       |
| Debris hopper               |            |
| Volume capacity             | 198 L      |
| Weight capacity             | 295 kg     |
| Dump height (variable to)   | 1,525 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 turbo (1.5 L)           |                    |
| Gross Intermittent Power*             | 33.0 kW @3000 rpm  |
| Tennant Governed Power                | 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)          | 80 mm              |
| Tire front (1), solid                 | 460 x 140 mm       |
| Tires rear (2), solid                 | 460 x 127 mm       |

### MACHINE DIMENSIONS

|                           |          |
|---------------------------|----------|
| Length                    | 2,745 mm |
| Width                     |          |
| Frame                     | 1,473 mm |
| Rear squeegee             | 1,500 mm |
| With side brush           | 1,625 mm |
| Height                    | 1,473 mm |
| With overhead guard / cab | 2,135 mm |
| Weight                    |          |
| Empty                     | 1,815 kg |
| GVW                       | 2,449 kg |
| Minimum aisle turn        | 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*.