



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

## M17 Specifications | Versatile, High-Performance Battery Sweeper-Scrubber

### SCRUBBING SYSTEM

|   |                      |                    |
|---|----------------------|--------------------|
| Cleaning path                           |                      |                    |
| Scrubbing (main scrub deck)             | 40 in                | 1,015 mm           |
| With scrubbing side brush               | 48 in                | 1,220 mm           |
| Sweeping (main sweeping system)         | 36 in                | 915 mm             |
| With dual sweeping side brush           | 67 in                | 1,700 mm           |
| Cylindrical main scrub brushes          |                      |                    |
| Brush speed                             | 500 rpm              |                    |
| Brush diameter (2)                      | 9 in                 | 230 mm             |
| Brush down force (up to)                | 550 lb               | 250 kg             |
| Brush motors, brushless (2)             | 1.5 hp               | 1.125 kW           |
| Motor rating                            | IP44                 |                    |
| Debris hopper                           | .7 ft <sup>3</sup>   | 20 L               |
| Disk main scrub brushes                 |                      |                    |
| Brush speed                             | 315 rpm              |                    |
| Brush size diameter (2)                 | 20 in                | 510 mm             |
| Brush down force (up to)                | 550 lb               | 250 kg             |
| Brush motor, brushless (2)              | 1.5 hp               | 1.125 kW           |
| Motor rating                            | IP44                 |                    |
| Tanks                                   |                      |                    |
| Solution tank                           | 75 gal               | 285 L              |
| Solution capacity (ES®)                 | 115 gal              | 435 L              |
| Recovery tank                           | 91.1 gal             | 346 L              |
| Demisting chamber                       | 16.1 gal             | 61 L               |
| Vacuum fans – water recovery (dual)     |                      |                    |
| Speed                                   | 2 x .8 hp            | 2 x .6 kW          |
| Water lift                              | 14,500 rpm           |                    |
|   | 65 in                | 1,650 mm           |
| Sweeping system                         |                      |                    |
| Dual main sweeping brooms               | 36.0 in              | 915 mm             |
| Dual side sweeping brooms               | Standard             |                    |
| Side sweeping broom diameter            | 19 in                | 480 mm             |
| Debris capacity (light litter)          | 3.0 ft <sup>3</sup>  | 85 L               |
| Dump height (variable to)               | 60 in                | 1,525 mm           |
| Lift capacity                           | 300 lb               | 136 kg             |
| Filter canister                         | 54.9 ft <sup>2</sup> | 5.1 m <sup>2</sup> |
| Vacuum fan (brushless maintenance free) | 1.1 hp               | 0.85 kW            |

### PROPELLING SYSTEM

|  |                 |              |
|--|-----------------|--------------|
| Propel speed forward (transport variable to) | 5.5 mph         | 9 km / h     |
| Propel speed forward (scrubbing variable to) | 4.0 mph         | 6.5 km / h   |
| Propel speed reverse (variable to)           | 3 mph           | 5 km / h     |
| Propel motor                                 | 3.0 hp          | 2.25 kW      |
| Speed control                                | Electronic - AC |              |
| Gradeability                                 |                 |              |
| Transport (empty for trailering)             | 11.6 deg        | 20%          |
| Transport at curb weight                     | 9.0 deg         | 16%          |
| Transport at gross weight                    | 7.5 deg         | 13%          |
| Working (scrubbing)                          | 6.5 deg         | 11%          |
| Ground clearance (transport)                 | 2.5 in          | 64 mm        |
| Tire front (1), non-marking                  | 13.8 x 5.8 in   | 350 x 150 mm |
| Tires rear (2), non-marking                  | 15 x 5 in       | 380 x 125 mm |

### BATTERY SELECTIONS (est. continuous runtime: economy mode, sweeping/scrubbing simultaneously, independent function would be longer)

|                           |                 |                |
|---------------------------|-----------------|----------------|
| Optional battery packages | (up to 1.9 hrs) | 36V, 510 AH C6 |
|                           | (up to 3.1 hrs) | 36V, 750 AH C6 |
|                           | (up to 4.1 hrs) | 36V, 930 AH C6 |

Battery chargers available for all optional batteries

### SOUND LEVEL

Operator's ear\*: 75 dBA; Kpa 3 dBA  
 Sound pressure level tested per IEC 60335-2-72  
 \*Disk unit, vacuum on (water pick up and dust control), squeegee down, brushes on, brushes up

### MACHINE DIMENSIONS

|                                |           |          |
|--------------------------------|-----------|----------|
| Length basic machine           | 112.1 in  | 2,850 mm |
| Width                          |           |          |
| Body                           | 54 in     | 1,370 mm |
| Body (with side scrub brush)   | 55.3 in   | 1,405 mm |
| Rear squeegee (hard width)     | 49 in     | 1,245 mm |
| Height (top of steering wheel) | 58.25 in  | 1,480 mm |
| With overhead guard            | 82.5 in   | 2,096 mm |
| Weight                         |           |          |
| Empty (no battery)             | 3,335 lb  | 1,515 kg |
| With 510 AH batteries          | 4,770 lb  | 2,165 kg |
| With 930 AH batteries          | 5,450 lb  | 2,475 kg |
| Gross vehicle weight (GVW)     | 7,150 lb  | 3,245 kg |
| Minimum aisle turn             | 118.25 in | 3,003 mm |

### STANDARD FEATURES

|   |  |
|---|--|
| 1-Step™ one button scrub operation        | Onboard diagnostics                      |
| Touch-N-Go™ wheel mounted module          | Wheel mounted horn                       |
| Recover tank full indicator               | Wheel-mounted water shut-Off             |
| Solution tank empty indicator             | Full wrap steel bumper                   |
| Non-marking drive wheel                   | Cushioned stacked corner rollers (front) |
| Yellow maintenance touch points           | Manual parking brake                     |
| Recovery tank debris tray                 | Duramer™ tanks & shrouds                 |
| In-line vacuum fan filter                 | Variable flow tank drains                |
| Tracking rear parabolic squeegee          | No-tool squeegee change                  |
| SmartRelease™ breakaway rear squeegee     | No-tool brush change                     |
| Underwriters Laboratory (UL®) E certified | Automatic filter shaker                  |

### OPTIONAL EQUIPMENT

|  |   |
|--|---|
| Pro-Panel™ controls                      | S.E. (Severe Environment™) switch               |
| ec-H2O™ solution system                  | Solution auto fill system                       |
| ES® Extended Scrub w/detergent metering  | Scrubbing side brush                            |
| Spray hose (10 ft/3 m) w/retracting reel | Battery watering system                         |
| Vacuum wand (wet pick-up)                | Opportunity charging                            |
| Slide-out battery system                 | FOPS certified overhead guard                   |
| Heavy-duty rear squeegee guard           | High traction rear tire(s)                      |
| Deluxe seat w/armrests & seatbelt        | AV backup alarm (LED)                           |
| Headlights (LED)                         | Fire extinguisher                               |
| IRIS® solution*                          | Underwriters Laboratory (UL®) Type ES Certified |

\*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 M17 Parts and Consumables Reference Guide