



# S20 specifications

## Compact mid-size rider sweeper (battery)

### SWEEPING SYSTEM

|                              |                            |
|------------------------------|----------------------------|
| Cleaning path                |                            |
| Single side brush            | 50 in   1,270 mm           |
| Dual side brush              | 62 in   1,575 mm           |
| Main brush                   |                            |
| Main brush length (tubular)  | 36 in   910 mm             |
| Main brush lift              | Mechanical lever           |
| Main brush drive             | Belt                       |
| Side broom diameter          | 23 in   580 mm             |
| Debris hopper - Polyethylene |                            |
| Volume capacity              | 11 ft <sup>3</sup>   310 L |
| Weight capacity              | 650 lb   295 kg            |
| Dump height                  | 60 in   1,525 mm           |
| Dump reach                   | 14 in   355 mm             |

### POWER SYSTEM

|                                      |        |
|--------------------------------------|--------|
| Battery options                      |        |
| Standard capacity (6-6V)             | 315 Ah |
| Standard capacity, long life (2-18V) | 340 Ah |
| High capacity, long life (2-18V)     | 440 Ah |

### PROPELLING SYSTEM

|                                    |                  |
|------------------------------------|------------------|
| Propel speed forward (variable to) | 6 mph   10 km/h  |
| Propel speed reverse (variable to) | 3 mph   4.8 km/h |
| Gradeability                       |                  |
| Full hopper                        | 7 deg/14.1%      |
| Empty hopper                       | 9 deg/17.6%      |

### DUST CONTROL SYSTEM

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Filter system (triple stage)      |                                         |
| Stage 1                           | Perma-Filter™                           |
| Stage 2                           | Cyclonic Pre-Filter                     |
| Stage 3                           | 80 ft <sup>2</sup>   7.4 m <sup>2</sup> |
| Dust filtration (seasoned filter) | .5 microns @ 99% efficiency             |
| Vacuum fan diameter               | 9 in   230 mm                           |
| Vacuum fan motor                  | 1.0 hp   0.75 kW                        |
| Vacuum fan speed                  | 6,100 rpm                               |

### MACHINE DIMENSIONS

|                                      |                     |
|--------------------------------------|---------------------|
| Length                               | 82.3 in   2,090 mm  |
| Width                                | 48.5 in   1,230 mm  |
| Height without overhead guard        | 49.5 in   1,260 mm  |
| Height with overhead guard           | 82.1 in   2,085 mm  |
| Weight                               |                     |
| Net without batteries                | 2,300 lb   1,045 kg |
| New with standard capacity batteries | 2,975 lb   1,350 kg |
| Minimum Aisle Turn (left)            | 95 in   2,415 mm    |

### WARRANTY

Please see to your local Tennant representative for information.

Specifications based on standard machine configurations, no options. Specifications subject to change without notice.

For a complete selection of genuine Tennant brushes and pads, please consult the *S30 Parts and Consumables Reference Guide*.