



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 ³ 310 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 | 8 deg/14.1% |
| Empty hopper | 10 deg/17.6% |

DUST CONTROL SYSTEM

| | |
|-----------------------------------|---|
| Filter system (triple stage) | |
| Stage 1 | Perma-Filter™ |
| Stage 2 | Cyclonic Pre-Filter |
| Stage 3 | 80 ft ² 7.4 m ² |
| 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.