



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 (to)	.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.