



## S20 Specifications | Compact Mid-Size Rider Sweeper (liquid-cooled engine)

### 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 dive	Belt
Side broom diameter	23 in   580 mm
Debris hopper	
Volume capacity	
Polyethylene hopper	11 ft <sup>3</sup>   310 L
Steel hopper	11.25 ft <sup>3</sup>   319 L
Weight capacity	
Polyethylene hopper	750 lb   340 kg
Steel hopper	700 lb   318 L
Dump height	60 in   1,525 mm
Dump reach	14 in   355 mm

### POWER SYSTEM

Engine-gasoline	
Gross Intermittent Power*	24.2 kW (32.5 hp) @3600 rpm
Tennant Governed Power	18.5 kW (24.8 hp) @2500 rpm
Engine-LPG	
Gross Intermittent Power*	23.1 kW (31.0 hp) @3600 rpm
Tennant Governed Power	18.3 kW (24.5 hp) @2500 rpm
Engine-diesel	
Gross Intermittent Power*	14.2 kW (19.0 hp) @2500 rpm
Tennant Governed Power	13.8 kW (18.5 hp) @2400 rpm

### PROPELLING SYSTEM

Propel speed forward (variable to)	8 mph   12.9 km/h
Propel speed reverse (variable to)	3 mph   4.8 km/h
Gradeability	
Full hopper	10 deg/17.6%
Empty hopper	14 deg/25%

### DUST CONTROL SYSTEM

Filter system (triple stage)	
Stage 1	Perma-Filter™
Stage 2	Cyclonic Pre-Filter
Stage 3	Canister filter - 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	1.5 hp   1.12 kW
Vacuum fan speed	6,480 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	2,450 lb   1,110 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 S20 Parts and Consumables Reference Guide.

\*Per SAE J1995