



# Model S20 Specifications

## POWER SWEEPER (Liquid-cooled engine)

Feature			
<b>Sweeping System</b>			
Cleaning path	Single Side Brush Dual Side Brush	50 in 62 in	1,270 mm 1,575 mm
Main brush			
Main brush length (tubular)		36 in	910 mm
Main brush lift		Mechanical lever	Mechanical lever
Main brush drive		Hydraulic-case drain	Hydraulic-case drain
Side broom			
Side broom diameter		23 in	580 mm
Debris hopper			
Volume capacity	Polyethylene Hopper Steel Hopper	11 ft <sup>3</sup> 11.25 ft <sup>3</sup>	310 L 319 L
Weight capacity	Polyethylene Hopper Steel Hopper	750 lb 700 lb	340 kg 318 kg
Dump height		60 in	1,525 mm
Dump reach		14 in	355 mm
<b>Dust Control System</b>			
Filter system (3 stage, to 0.5 microns @ 99% Efficiency)			
Stage 1		Perma-Filter™	Perma-Filter™
Stage 2		Cyclone Prefilter	Cyclone Prefilter
Stage 3		80 ft <sup>2</sup> canister filter	7.4 m <sup>2</sup> canister filter
Vacuum fan		1.5 hp	1.12 kW
Speed		6,480 rpm	6,480 rpm
Vacuum diameter		9 in	230 mm
<b>Propelling System</b>			
Propel speed forward (variable to)		6.0 mph	10 km/h
Propel speed reverse (variable to)		3.0 mph	4.8 km/h
Engine			
Petrol/LPG liquid-cooled Kubota (max)		32.5 hp	24.0 kW
Diesel liquid-cooled Kubota (max)		26.0 hp	19.4 kW
Gradeability			
Full hopper		10.0 deg / 17.6%	10.0 deg / 17.6%
Empty hopper		14.0 deg / 25%	14.0 deg / 25%
<b>Machine Dimensions</b>			
Length		82.3 in	2,090 mm
Width		48.5 in	1,230 mm
Height without overhead guard		49.5 in	1,260 mm
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
<b>Warranty</b>	Please refer to your local Tennant representative for information.		