



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

EQUIPMENT



S20

COMPACT MID-SIZE RIDE-ON SWEEPER

- Compact in size, big on performance and durability
- Simple, easy to use controls helps reduce operator training with all-levers-forward design
- Superior dust control with the SweepMax® system and ShakeMax® 360 technology

SETTING THE STANDARD IN COMPACT SWEEPER PERFORMANCE, SAFETY AND VALUE



SUPERIOR DUST CONTROL

Maximise dust control and improve air flow filtration with the S20's SweepMax® 3-stage dust control system which filters sub-micron dust particulates to 0.5 microns at 99% efficiency. The S20 is equipped with the ShakeMax® 360 filter shaker to dislodge dust particles lodged deep within the pleats to increase filter life.

INCREASED SAFETY

The S20's compact size makes it suitable for indoor and outdoor applications. Excellent operator sight lines, standard headlights, taillights, and horn button in the centre of the steering wheel, ensures your operator has a complete view of the machine and the surrounding facility. The S20's safety features include:

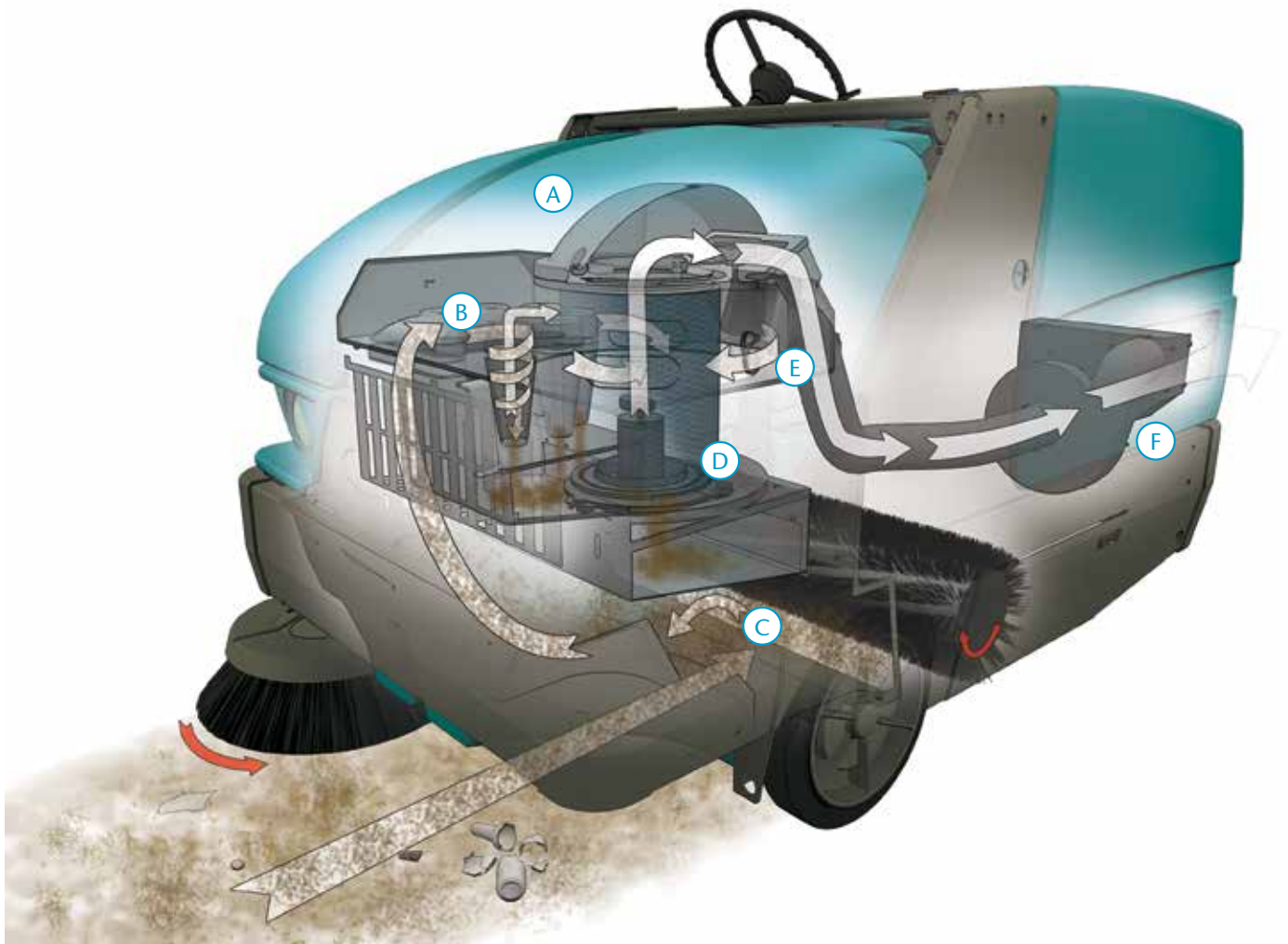
- Thermo-Sentry™ hopper sensor alerts operators to excessive heat in the hopper and shuts down air flow to the vacuum
- Seat occupancy switch which shuts down the engine within seconds of the operator leaving the seat
- “All-Levers-Forward” controls to decrease operator training and simplify machine operation

PROTECT YOUR INVESTMENT

Withstand the most demanding environments with a full-wrap around steel T-beam structure and corrosion proof, heavy-duty Duramer™ hopper and shrouds. The filter and cyclonic chamber, and no tool brush change makes maintenance easy and simple.

INSIDE THE

S20



A Operator compartment. Ensure operator safety with Thermo-Sentry™ which monitors the hopper temperature and in dangerously high temperatures, initiates vacuum shutdown.

B Dust control. Provide superior air flow filtration and excellent dust control with the 3-stage SweepMax® system.

C Innovative design. The dedicated belt driven vacuum fan and built-in muffler provides superior dust control, lower noise and reduced maintenance.

D Simple filter cleaning. Increase efficiency with the ShakeMax® 360 filter cleaning mechanism, dislodging dust particles caught in the filter pleats.

E Long lasting filtration. Nanofiber canister filter provides superior dust release and lasts up to 5 times longer than paper, synthetic or media blends.

F Durable construction. Depend on long-term structural reliability with a full wrap-around steel bumper and T-beam structure for greater strength.



ENGINEERED TO BE EASY TO OPERATE AND MAINTAIN



OVERHEAD GUARD

Increase safety in the most severe environments with an optional overhead guard . Also, a soft side cab can be installed or removed in minutes to adjust to changing weather conditions.



SIDE SWEEPING BRUSH

Improve productivity with a 1,575 mm sweeping path by adding the dual side brush option.



VACUUM WAND

Clean off aisle and in tight spaces with a convenient optional vacuum wand which is stored securely on board so it is always ready for use when you need it.



TOWER BUMPERS

Minimise the risk of damage and machine repair costs in harsh environments with the optional tower bumpers which protect against accidental contact with hard objects.

S20 COMPACT MID-SIZE RIDE-ON SWEEPER

SWEEPING SYSTEM

	DIESEL/PETROL/LPG	BATTERY
Cleaning path with single side brush	1,270 mm	
with dual side brush	1,575 mm	

BRUSH DRIVE SYSTEM

Main brush		
Main brush length	910 mm	
Main brush lift	Mechanical Lever	
Main brush drive	Hydraulic	Belt
Side brush diameter	580 mm	
Debris hopper		
Volume capacity (polyethylene)	310 L	
Volume capacity (steel)	319 L	-
Weight capacity (polyethylene)	340 kg	295 kg
Weight capacity (steel)	318 kg	-
Dump height (variable to)	1,525 mm	
Dump reach	355 mm	

POWER SYSTEM

Engine - petrol Kubota (max)	24 kW	
Engine - diesel Kubota (max)	19.4 kW	
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)	10 km/h	8 km/h
Propel speed reverse (variable to)	4.8 km/h	4.8 km/h
Gradeability		
Full hopper	10° / 17.6%	8° / 14.1%
Empty hopper	14° / 25%	10° / 17.6%

DUST CONTROL SYSTEM

Filter system		
Stage 1		Perma-filter™
Stage 2		Cyclonic pre-filter
Stage 3 (canister filled)		7.4 m ²
Filtration level (up to)		0.5 microns @ 99% efficiency
Vacuum fan	1.12 kW	0.75 kW
Vacuum fan speed	6,480 rpm	6,100 rpm
Vacuum diameter		230 mm

MACHINE SPECIFICATIONS

Length	2,090 mm	
Width	1,230 mm	
Height		
With overhead guard	2,085 mm	
Without overhead guard	1,260 mm	
Weight (net) without battery	1,110 kg	1,045 kg
Weight (net) with standard battery	-	1,350 kg
Minimum aisle turn	2,415 mm	

WARRANTY

See your local representative for warranty information.

*Specifications subject to change without notice.

SEEING IS BELIEVING

For a demonstration or additional information, send an email to contactus@tennantco.com

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