

Sentinel®



Heavy-duty Outdoor Sweeper

- Superior sweeping performance in the harshest, most congested sweeping environments
- Environmentally-friendly, all-weather dry dust control
- Industry-leading safe sightlines with a full-view, cab-forward design



Maneuverable outdoor sweeper for virtually dust-free cleaning

Delivering proven Tennant quality, reliability, and performance, the surprisingly maneuverable Sentinel sweeps virtually any debris, in any season—from sand, rocks, and large debris to broken glass and light litter.

High-performance, low-cost dust control

With a unique twin vacuum design, the Sentinel dust control system meets the most stringent PM-10 environmental requirements—without requiring water tanks, trucks or special dust-reduction kits.

Unsurpassed maneuverability

Weave in and out of obstacles, down alleyways, and over thoroughfares with the Sentinel's four-wheeled power steering 13 ft / 4 m turning radius. And with a height of just 100 in / 2540 mm, the Sentinel will slip under low clearances.

Safe, comfortable, full-view cab

Full-length Total View™ glass doors and windshield give operators a clear view of the sweeping area to maximize safety and enable concentration on the job at hand.



MUST-HAVE OPTIONS

Extend your cleaning reach

An optional 38 in / 965 mm Vario Sweeping Brush™ provides greater flexibility in hard-to-reach areas.

Maximize your productivity

The optional vacuum wand enables operators to clean small areas such as drains or under and around obstructions.

Multi-level dumping

Optional 9.5 ft / 2.9 m multi-level dump with hopper overload indicator enables you to empty debris wherever you need.



HIGH DUMP, MAXIMUM SAFETY, EASY ACCESS

- 114 in / 2.9 m high dump enables discharging into large roll-offs and dump trucks.
- Cab-forward design for maximum safety.
- Quick, easy maintenance with full-access to engine.



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| <p>A Maximize sweeping safety with TotalView™ glass doors and cab-forward design.</p> <p>B Capture virtually all types of debris with exclusive corrosion-proof stainless steel hopper.</p> <p>C Maneuver the most congested areas with a 13 ft / 4 m turning radius and four-wheel power steering.</p> <p>D Ensure environmentally-safe sweeping with maximum dust control from twin vacuum fans.</p> | <p>E Consistent performance – any season – with state-of-the-art, dry dust control system.</p> <p>F Automatically adjust to surface variations with the industry's only center suspended, floating main broom.</p> <p>G All sweeping functions within easy reach on easy-to-use, dynamic operator panel.</p> <p>H Maximum operator comfort with roomy, sealed cab interior that keeps out noise and dust down to 3 microns.</p> |
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GENUINE TENNANT PARTS, SUPPLIES & SERVICE

Genuine Tennant Parts Advantage

Operate your machine with confidence by choosing genuine Tennant parts. Only authentic Tennant parts are engineered in conjunction with Tennant equipment. For years of worry-free operation, accept only genuine parts and supplies.

Factory trained service teams support Tennant customers in more than 80 countries around-the-world.

SENTINEL HEAVY-DUTY SWEEPER

FEATURES

Sweeping System

Cleaning path		
Main brush	51 in	1300 mm
With right side brush	69 in	1750 mm
With opt. dual side brushes	87 in	2210 mm
With opt. dual side brushes & Vario Sweeping Brush™	126 in	3200 mm
Main brush		
Main brush length	51 in	1300 mm
Main brush diameter	24 in	610 mm
Vario Sweeping Brush™ Diameter	38 in	970 mm
Debris hopper		
Volume capacity	3.4 yd ³	2.6 m ³
Weight capacity		
Low dump	7000 lb	3175 kg
High dump	4000 lb	1814 kg
Dump height		
Low dump	40 in	1020 mm
High dump	114 in	2900 mm

Dust Control System

Filter system	Dry-filtering	Dry-filtering
Type	Mildew-resistant, synthetic envelope	Mildew-resistant, synthetic envelope
Area	221 ft ²	20 m ² panel filter
Vacuum fan (2) motor	15 hp each	11 kW each

Propelling System

Engine-standard, diesel	Caterpillar 83 hp	Caterpillar 62 kW
Engine-optional, diesel	Caterpillar 127 hp	Caterpillar 95 kW
Gradeability		
Full hopper	8.0 deg	8.0 deg
Empty hopper	12.0 deg	12.0 deg

Machine Dimensions

Length-standard machine	175 in	4450 mm
With Vario Sweeping Brush	206 in	5230 mm
Width	70 in	1780 mm
Height	100 in	2540 mm
Weight-net base machine	12500 lb	5670 kg
Turning radius	156 in	3960 mm

SEEING IS BELIEVING

For a demonstration or additional information, send an e-mail to info@tennantco.com.

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