

Sentinel®



## Heavy-duty Outdoor Sweeper

- Superior sweeping performance in the harshest, most congested sweeping environments
- Environmentally-friendly, all-weather dry dust control
- Excellent 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 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

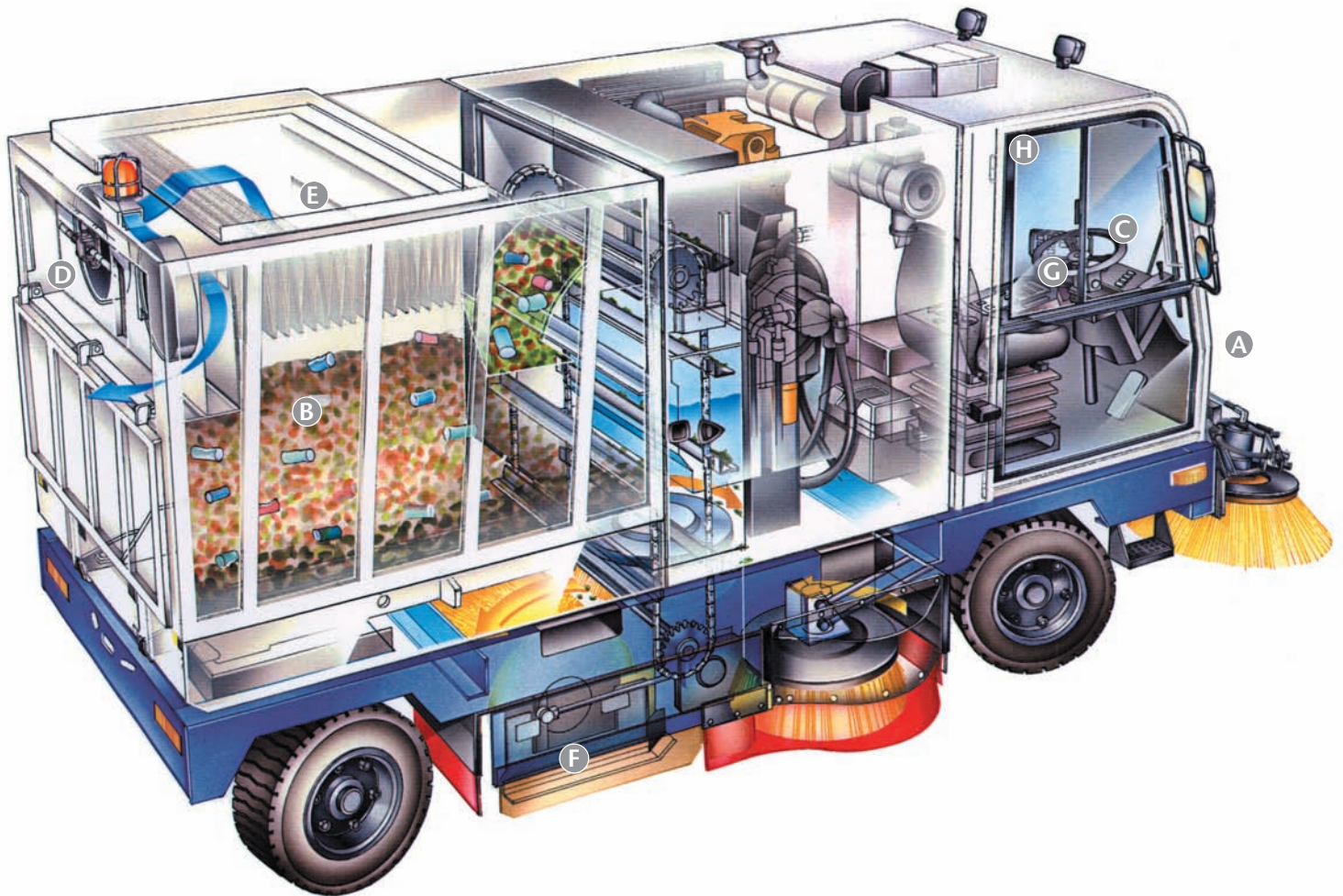
Optional 9.5 ft / 2900 mm multi-level dump with hopper overload indicator enables you to empty debris wherever you need.





## HIGH DUMP, MAXIMUM SAFETY, EASY ACCESS

- 114-inch high dump enables discharging into large roll-offs & dump trucks.
- Cab-forward design for maximum safety.
- Quick, easy maintenance with full-access to engine.



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| <p><b>A</b> Maximize sweeping safety with TotalView™ glass doors and cab-forward design.</p> <p><b>B</b> Capture virtually all types of debris with exclusive corrosion-proof stainless steel hopper.</p> <p><b>C</b> Maneuver the most congested areas with a 13 ft / 3960 mm turning radius and four-wheel power steering.</p> <p><b>D</b> Ensure environmentally-safe sweeping with maximum dust control from twin vacuum fans.</p> | <p><b>E</b> Consistent performance – any season – with state-of-the-art, dry dust control system.</p> <p><b>F</b> Automatically adjust to surface variations with the industry's only center suspended, floating main broom.</p> <p><b>G</b> All sweeping functions within easy reach on easy-to-use, dynamic operator panel.</p> <p><b>H</b> Maximum operator comfort with roomy, sealed cab interior that keeps out noise and dust down to 3 microns.</p> |
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## SENTINEL HEAVY-DUTY SWEEPER

### FEATURES

#### Sweeping System

Cleaning path		
Main brush	51 in	1,300 mm
With right side brush	69 in	1,750 mm
With opt. dual side brushes	87 in	2,210 mm
With opt. dual side brushes & Vario Sweeping Brush™	126 in	3,200 mm
Main brush		
Main brush length	51 in	1,300 mm
Main brush diameter	24 in	610 mm
Vario Sweeping Brush™ Diameter	38 in	970 mm
Debris hopper		
Volume capacity	3.4 yd <sup>3</sup>	2.6 m <sup>3</sup>
Weight capacity		
Low dump	7,000 lb	3,175 kg
High dump	4,000 lb	1,814 kg
Dump height		
Low dump	40 in	1,020 mm
High dump	114 in	2,900 mm

#### Dust Control System

Filter system	Dry-filtering	Dry-filtering
Type	Mildew-resistant, synthetic envelope	Mildew-resistant, synthetic envelope
Area	221 ft <sup>2</sup>	21 m <sup>2</sup> panel filter
Vacuum fan (2) motor	15 hp each	11 kW each

#### Propelling System

Engine, turbo diesel	Caterpillar 99 hp	Caterpillar 74 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	4,450 mm
With Vario Sweeping Brush	206 in	5,200 mm
Width	70 in	1,780 mm
Height	100 in	2,540 mm
Weight-net base machine	12,500 lb	5,670 kg
Turning radius	13 ft	4 m

## 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.

### Industry's Only Factory-Direct Service Network

Tennant offers the only factory-trained, locally based network of 400+ service techs dedicated to keeping your cleaning program up and running.

## WARRANTY

A minimum 24 months / 2,400 hours parts free from defects and workmanship under normal use and service. On-site service labor and travel coverage of warranty items for six (6) months.

## SEEING IS BELIEVING

See why cleaning professionals depend on the Sentinel industrial sweeper for all-weather dry dust control. For a demonstration and additional information, call [800.553.8033](tel:800.553.8033).

1300-04 Sentinel Brochure 8/08  
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## Your Authorized Dealer is:

### Municipal Equipment Sales, Inc.

Mailing Address: PO Box 1233  
 Location: 208 Bell Place  
 Woodstock, GA 30188



Local: 770-928-0424  
 Fax: 770-928-7512  
 Nationwide Toll Free: 1-800-782-2243  
 Email: [sales@municipalequipment.com](mailto:sales@municipalequipment.com)  
 Web: [www.municipalequipment.com](http://www.municipalequipment.com)

