



Creating a cleaner, safer world.™



SENTINEL™





**BEAUTIFUL ON THE INSIDE.
BEAUTIFUL ON THE OUTSIDE.**

Adjust the seat. Adjust the radio*. Adjust your expectations. The Sentinel™ Power Sweeper from Tennant is everything you've always wanted in a power sweeper. And more. A 4th-generation mechanical broom and air sweeper with millions of hours of real world experience, Sentinel™ is the *ideal combination of maneuverability, speed, performance and size*. And with *proven dry-dust control for all-season operation*, you'll love what it will do for the appearance of your community and the environment. It's simply the perfect addition to your outdoor cleaning program.







FROM 0 TO SWEEPING IN 60 SECONDS.

Turn on the **83 hp (62 kW) Caterpillar 3054C engine**, set your sweeping speed, press the sweeping button and you're ready to roll. As for handling, you'll love the **13-foot (3960 mm) turning radius** and **four-wheel power steering** that allows you to run circles around obstacles and maneuver with grace around corners and heavy traffic. The Sentinel™ also features the only standard stainless steel hopper in the industry with an optional **9 1/2-foot (2900 mm) discharge** into large roll-off bins and dump trucks to keep you on the job longer.



EASY ON THE ENVIRONMENT.

Think of Sentinel™ as a higher standard sweeper built for higher environmental standards. The state-of-the-art, *dry dust control system meets PM-10 requirements and allows sweeping in freezing air temperatures*—extending your sweeping season. It's also the only sweeper with a center suspended, floating main broom that automatically adjusts to variations in the road surface. It's ideal for picking up *sand, dirt, rocks, broken glass and bulky light debris*—perfect for cleaning BID districts, neighborhoods and alleys.

A VIEW WITH ROOM TO SPARE.

The Sentinel™ boasts first-class, spring-suspension seating plus plenty of room for all your carry-ons. Full-length glass doors give you a clear view of your sweeping path—as well as any obstacles and pedestrians. The standard *cab is heater-pressurized with filtered air to 3 microns*, so you'll breathe easier too. You'll also have fewer distractions, because the Sentinel™ cab is the *quietest cab in the business*. And if that's not enough, the dynamic, touch-control panel puts all *sweeping functions within easy reach* and easy operation.

POWER SWEEPING—THE 4th GENERATION

General

- Length: 174.8 in / 4440 mm (with optional Vario Sweeping Brush™): 206 in / 5230 mm
- Width: 70 in / 1780 mm
- Height: 100 in / 2540 mm
- Turning radius: 13 ft / 3960 mm
- Standard color: white (custom colors available)

Debris Hopper

- Stainless steel hopper
- Capacity, volumetric: 3.4 yd³ / 2.6 m³
- Dump height, low: 40 in / 1020 mm
- Dump height, high (optional): 9 ft 6 in / 2900 mm
- Design lift capacity: 8,000 lb / 3628 kg
- Weight capacity, low dump: 7,000 lb / 3180 kg
- Weight capacity, high dump (optional): 4,000 lb / 1820 kg

Dust Control System

- Dry-filtering system
- Mildew-resistant, synthetic envelope filter
- Filter area: 211 ft² / 20 m²
- Two vacuum fans
- Side brush water spray dust control: 94 gal / 360 L

Sweeping System

- Direct-throw to debris elevator
- Sweeping path, main brush: 51 in / 1300 mm
- Sweeping path, with right side brush: 69 in / 1750 mm
- Sweeping path, with optional dual side brushes: 87 in / 2210 mm

- Sweeping path, with optional dual side brushes and Vario Sweeping Brush™: 126 in / 3200 mm
- Main brush length: 51 in / 1300 mm
- Main brush diameter: 24 in / 610 mm
- Right and left side brush diameter: 32 in / 810 mm
- Vario Sweeping Brush™ diameter: 38 in / 970 mm

Cab

- Four-wheel power steering
- Cloth suspension driver's seat
- Heater/defroster
- Sliding glass windows
- TotalView™ glass doors
- *AM/FM radio / tape deck (optional)

Engine/Power Train

- CAT Diesel Model 3054C
 - Horsepower: 83 hp / 62 kW
- CAT Turbo Diesel (optional)
 - Horsepower: 127 hp / 95 kW
- Travel speed:
 - 0 to 25 mph / 40 km/hr



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