



创造一个更清洁、更安全、更健康的世界  
CREATING A CLEANER, SAFER, HEALTHIER WORLD.

设备 EQUIPMENT



# Sentinel®

哨兵高性能户外扫地车

HIGH-PERFORMANCE OUTDOOR SWEEPER

- 即使在最苛刻、最紧凑的工作环境中也能发挥卓越的扫地性能。  
Deliver excellent sweeping performance in the harshest, most congested environments
- 全天候确保清洁效果始终如一。  
Achieve consistent cleaning results from all-weather sweeping capability
- 控尘系统符合美国最严格的PM-10 认证，使清洁场所中的空气更清新，从而确保创造一个健康、安全的环境。  
Ensure a healthy and safe environment with improved air quality from PM-10 certified dust control system
- 前倾式全景驾驶室设计，最大化操作舒适度及安全性。  
Maximize operator comfort and safety with full-view, cab-forward design



通过ISO 9001:2008  
质量管理体系认证

高性能、全天候户外扫地车，控尘性能卓越，可在苛刻、紧凑的工作环境中完成清洁任务。

A HIGH-PERFORMANCE, ALL-WEATHER OUTDOOR SWEEPER WITH EXCEPTIONAL DUST CONTROL FOR CLEANING IN HARSH, CONGESTED ENVIRONMENTS.



SENTINEL® 哨兵扫地车为您提供卓越的清洁性能，轻松应对各种清洁挑战。

THE SENTINEL® DELIVERS EXCEPTIONAL BENEFITS TO MEET YOUR SWEEPING CHALLENGES



降低清洁成本

REDUCE COST TO CLEAN

刚性传输轴设计，从而延长使用寿命、降低用户成本。

Keep costs low with solid shaft design that increases conveyor life over previous models, reducing cost of ownership.



健康和安

HEALTH & SAFETY

独家采用双真空风扇、全天候干式控尘系统，具有美国PM-10 认证，从而保护员工及工作场所免受有害粉尘伤害。

Protect employees and facilities from potentially harmful dust with the unique, twin-vacuum all-weather dry dust control system with PM-10 certification.



提升工作场所形象

ENHANCE FACILITY IMAGE

确保您的工作场所始终整洁如新，卓越的清洁设计确保您一年四季轻松完成清扫工作。

Ensure your facilities are always looking great with a robust and proven design that enables you to sweep in any season.



易于操作和维护

EASY OPERATION & MAINTENANCE

四轮转向，确保在紧凑空间中清洁效果始终如一、操作灵活。

Deliver consistent sweeping results and easily maneuver through congested areas with four-wheel power steering.

内部设计  
INSIDE THE

# Sentinel<sup>®</sup>

采用防水、烧毛聚酯合成过滤器，过滤器使用寿命更长。  
Long lasting synthetic filter made from water-resistant, singed polyester helps protect filter life

液压式双真空风扇，最大化控尘性能。  
Hydraulic twin-vacuum fans maximize dust control

标准音频倒车警报及垃圾箱提升警报，为操作人员及清洁现场的员工提供安全保护。  
Standard audio back-up and hopper raise alarm for operator and employee protection

防腐蚀不锈钢垃圾箱有效拾取各种类型的垃圾。  
Corrosion-resistant stainless steel hopper captures virtually all types of debris

主刷采用中点悬挂设计，适合清扫起伏不平的地面。  
Main brush center-point suspension for sweeping uneven surface types

同步轴设计，内置式传送带卡住预警装置，最大化传送带使用寿命。  
Solid shaft design with built-in conveyor obstruction alert maximizes conveyor life

99.9 马力/74 千瓦CAT 涡轮增压柴油发动机，在艰苦工况中继续保持充足动力  
99.9 hp / 74 kW CAT turbo diesel powered engine increases machine effectiveness in tough applications

TotalView™ 玻璃门及驾驶室前倾式设计，最大化扫地安全性。  
TotalView™ glass doors and cab-forward design maximize sweeping safety

液压驱动的双边刷采用弹簧承载式设计，遇碰撞可以缩回，从而降低维护成本。  
Hydraulic-driven, spring-loaded side brush retracts on impact for decreased maintenance costs

左边刷扫地宽度延伸至87 in / 2,210 mm，从而提升清洁效率。  
Left-hand side brush widens sweeping path to 87 in / 2,210 mm for increased productivity

垃圾清扫采用直抛式系统，并且依靠传送带输送到垃圾箱，有效拾取各种类型的垃圾。  
Direct throw system and debris conveyor collects virtually all forms of debris

卓越的干式控尘功能，边刷及主刷的周围全部覆盖裙边，采用耐磨高密度聚乙烯裙边及橡胶涂层的尼龙覆盖层。  
Excellent dry dust control featuring full skirting around side brushes and main brush, using durable high-density polyethylene skirts and rubber coated nylon covers.

湿式控尘功能，设有可调节式喷嘴，通过容积为94加仑/355升的车载水箱输送细密水雾向下锁定控制灰尘。  
Wet dust control with adjustable spray nozzles helps knock down dust with fine water mist fed from a 94 gal / 355 liter on-board water tank.

可方便地接触到发动机及传送带，确保迅速对扫地车实施维护。  
(图扫地车已设置可选配零部件。)  
Machine maintenance made quick with easy access to engine and conveyor. (Photo shown with optional accessories.)



# 高效清洁并且发挥多重清洁功能

## ENGINEERED FOR PRODUCTIVITY AND VERSATILITY

### 卓越的清洁技术确保更加灵活地清扫难以触及的区域 TECHNOLOGY PROVIDES GREATER FLEXIBILITY IN HARD TO REACH AREAS

SENTINEL® 哨兵扫地车可选配Vario Brush™前置多功能刷，从而确保在角落区域轻松拾取平时难以触及的垃圾，同时还可以抬高以清扫人行道边缘的垃圾；操作人员可轻松操作扫地车清扫路缘顶部、沿着固定障碍物以及在紧凑区域清扫垃圾，工作更高效、效果更卓越。

Optional Vario Sweeping Brush™ allows the Sentinel to collect hard-to-reach debris from corners while keeping the sweeper from riding up on curbs; giving the operator the ability to sweep on top of curbs, around fixed obstacles and in congested areas for increased productivity and more effective sweeping.



已选配项VARIO BRUSH™前置多功能刷  
OPTIONAL VARIO SWEEPING BRUSH™



一键式激活 ONE-TOUCH ACTIVATION

一键式触摸激活扫地控制，简化操作培训工作，只需按下一个按钮即可控制扫地系统。  
One touch activation simplifies operator training with controls that enable sweeping systems to be activated with a single button.

采用4轮转向设计，可轻松触及紧凑空间，转弯半径为13 ft / 3,960 mm，操作非常灵活。  
4-Wheel power steering allows easy access to tight spaces by delivering a 13 ft / 3,960 mm turning radius with exceptional maneuverability.



4轮转向 4-WHEEL STEERING



可选配高位倾倒的垃圾箱  
OPTIONAL MULTI-LEVEL DUMP

可选配9.5 ft / 2,900 mm高位倾倒垃圾箱，垃圾箱内置垃圾过载指示器，在大多数工作场所中均可方便地清空垃圾，满足您清洁所需。  
Optional 9.5 ft / 2,900 mm multi-level dump, with hopper overload indicator, enables you to easily empty debris in most places you need.



传送带张力自我调节设计  
CONVEYOR SELF-TENSIONING

### 主要特性 KEY OPTIONS

可选配真空清洁管，轻松清扫障碍物下方位置及周围区域。  
Optional vacuum wand enables operators to clean under and around obstructions.



可选配高压喷水软管，在扫地车外实现强力清洁。  
Optional high-pressure spray hose delivers powerful off-machine cleaning.



可选配后视摄像头，从而使操作视野更清晰、操作更灵活。  
Optional rear view camera provides additional visibility for easy maneuvering.



可选配空气悬浮驾驶座椅，驾驶更舒适、操作更安全。  
Optional air ride suspension seat enhances operator comfort and safety.



SENTINEL® 哨兵扫地车关键产品特点有助于**最大化清洁效率及控尘功能并且提升安全性能。**

KEY SENTINEL® SWEEPER FEATURES TO HELP **MAXIMIZE PRODUCTIVITY, REDUCE COSTS, AND INCREASE SAFETY**



- 采用主刷中心悬挂设计，主刷可沿着起伏不平的地面发挥最卓越的扫地及控尘性能。

**Main brush center-point suspension** allows main broom to follow the contours of uneven surfaces for optimum sweeping and dust control.

- 液压双真空控尘系统，符合美国最严格的PM-10 环保空气质量要求。

**Hydraulic twin-vacuum dust control system** meets the most stringent PM-10 environmental air quality requirements.

- 空间宽敞、全密封的增压驾驶室，确保驾驶室内隔音降尘的效果，使操作人员更安全舒适。

**Roomy, sealed pressurized cab interior** keeps noise out and dust down for increased operator safety.

- 真空风扇电源单独切断，清扫潮湿环境时，操作人员可以方便地切断真空风扇电源。

**Separate vacuum fan shutoff** allows operator to easily power off vacuum fans when sweeping in wet conditions.

- 充气轮胎以及板簧悬挂设计，可以最大化的吸收路面不平造成的车身震动，从而减少零部件抖动并且增加驾驶舒适度。

**Pneumatic tires with leaf-spring suspension** absorb many road shocks for less vibration of components and operator comfort.

- 选配的**Vario Brush™** 前置多功能刷，可以从扫地车两侧延伸清扫范围达到56in/1,420mm。

**Optional Vario Sweeping Brush™** sweeps on both sides of the Sentinel with a 56 in / 1,420 mm reach from machine side to outside tips of the brush.

- 选配**后视摄像头**，360 度全方位监测设备，从而使设备操作安全灵活。

**Optional rear vision camera with in-cab monitor** helps to provide 360° visibility around the machine for safe maneuvering.

- 选配**高位倾倒的垃圾箱**，可把垃圾倒入大型自卸卡车，免去再次装卸垃圾的麻烦
- Optional multi-level dump hopper** enables discharge into large roll offs and dump trucks preventing double handling of debris.

- 可选配**前、后警示灯**，使操作工作高度清晰可见，最大化提供安全警示。

**Optional front and rear warning lights** provide high visibility for maximum machine awareness.

- **SENTINEL® 哨兵扫地车控尘配置:**

**SENTINEL® dust control configurations:**

- 干式边刷控尘 Dry Side Brush Dust Control
- 湿式边刷控尘 Wet Side Brush Dust Control
- 干、湿两用边刷控尘 Wet and Dry Side Brush Dust Control

■ 只选用坦能原装零件及服务，减少返工、人工及安全成本。  
Reduce rework, labor and safety costs by using only Tennant True parts and service.

■ 选择坦能 True 原厂家服务计划，确保最佳清洁性能。  
Ensure optimal cleaning performance by selecting a Tennant True Service program.

## SENTINEL® 哨兵高性能户外扫地车 SENTINEL® HIGH-PERFORMANCE OUTDOOR SWEEPER

### 扫地系统 SWEEPING SYSTEM

清洁宽度 Cleaning path	
单边刷 Single side brush	69 in / 1,750 mm
双边刷 Dual side brushes	87 in / 2,210 mm
采用双边刷及 Vario Brush™ 前置多功能刷扫地刷	126 in / 3,200 mm
With dual side brushes and Vario Sweeping Brush™	126 in / 3,200 mm

### 刷子驱动系统 BRUSH DRIVE SYSTEM

主刷长度 Main brush length (tubular)	51 in / 1,295 mm
主刷提升 Main brush lift	液压 Hydraulic
主刷直径 Main brush diameter	24 in / 610 mm
边刷直径 (盘刷) Side broom diameter (disk)	32 in / 810 mm
Vario Brush™ 前置多功能刷扫地刷-直径	38 in / 965 mm
Vario Sweeping Brush™ Diameter	38 in / 965 mm
垃圾箱容量 Hopper volume capacity	3.4 yd³ / 2.6 m³
垃圾箱承重 (不锈钢垃圾箱)	
Hopper weight capacity (stainless steel)	
标准倾倒 Low dump	7,000 lb / 3,175 kg
高位倾倒 High dump	4,000 lb / 1,815 kg
垃圾箱倾倒高度 Hopper dump height	
标准倾倒 Low dump	40 in / 1,015 mm
高位倾倒 High dump	114 in / 2,895 mm

### 驱动系统 PROPELLING SYSTEM

涡轮增压柴油履带发动机 Engine, turbo diesel, Caterpillar	99 hp / 74 kW
前行速度 (可调节至) Propel speed forward (variable to)	25 mph / 40 km/h
驱动类型 Propel Type	静液压 Hydrostatic
爬坡能力 Gradeability	
垃圾箱满载 Full hopper	8 度 / 14%, 8 deg / 14%
垃圾箱清空 Empty hopper	12 度 / 21%, 12 deg / 21%

### 控尘系统 DUST CONTROL SYSTEM

过滤系统 Filter system	干式过滤 Dry-filtering
过滤类型 Filter type	防霉, 合成封皮类型 Mildew resistant, synthetic envelope style
过滤空间 Filter area	221 ft² / 21 m²
灰尘过滤 (过滤灰尘颗粒小至)	通过美国 PM-10 认证, 通过 AQMD - 规则 1186 认证
Dust filtration (to)	PM-10 certified, AQMD-Rule 1186 Certified
真空风扇马达 (2)	每台马达动力为 15 hp / 11 kW
Vacuum fan motor (2)	15 hp each / 11 kW each

### 扫地车规格 MACHINE SPECIFICATIONS

长 Length	
标准车型 Standard machine	175 in / 4,445 mm
带有 Vario Brush 前置多功能刷扫地刷	206 in / 5,230 mm
With Vario Sweeping Brush	206 in / 5,230 mm
宽 Width	70 in / 1,780 mm
高 Height	100 in / 2,540 mm
扫地车基座净重 Weight-net base machine	12,500 lb / 5,670 kg
转弯半径 Turning radius	13 ft / 4 m

### 保修 WARRANTY

如需了解保修信息，请咨询您当地的坦能代表。  
See your local representative for warranty information.

产品规格如有变动，恕不另行通知。  
Specifications subject to change without notice.

## 眼见为实 SEEING IS BELIEVING

如需产品演示或更多产品信息，请与我们联系。

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