



REINVENT HOW THE WORLD CLEANS

# S30

## Ride-on sweeper

Easily pick up everything from cement dust to heavy debris with the powerful S30 Ride-On Sweeper. Achieve maximum performance and consistent cleaning results in the toughest applications – indoors or outdoors! Helps manage your silica dust exposure control plan with our optional HEPA filtration system.

### Available Technologies



Three stage SweepMax<sup>®</sup> Plus



Optional HEPA filtration system



IRIS<sup>®</sup> Asset Manager



# Engineered for productivity



1. SweepMax<sup>®</sup> Plus Stage 1: Perma-Filter<sup>™</sup> helps keep bulky debris, moisture and dirt in the hopper removing 90% of particulates from the air stream.
2. SweepMax<sup>®</sup> Plus Stage 2: Cyclonics longer filter life with exclusive cyclonics dust control that removes an additional 90% of dust particles from the air stream before reaching the filter.
3. SweepMax<sup>®</sup> Plus Stage 3: Canister Nanofiber Filer is MERV 15-rated, flame retardant Donaldson Ultra-Web<sup>®</sup> filter loads and shakesback 70% more effectively, and cleaner air from filtering sub-micron dust particulates down to .5 microns at 99% efficiency.

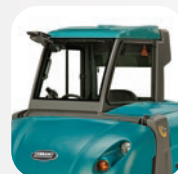
4. Reduce downtime and operator fatigue with easy no-tool brush removal and change, aided by the self-guiding 8-spline drive and idler hub.
5. Easy-to-set color-coded brush wear indicator for quick brush pressure settings.
6. Increased sweeping results with a main brush that is only 2 in (51 mm) wider than the hopper opening, as compared to some competitors with brushes wider than their hopper openings.

## Optional accessories

Get the performance you need for your specific environment with these options.

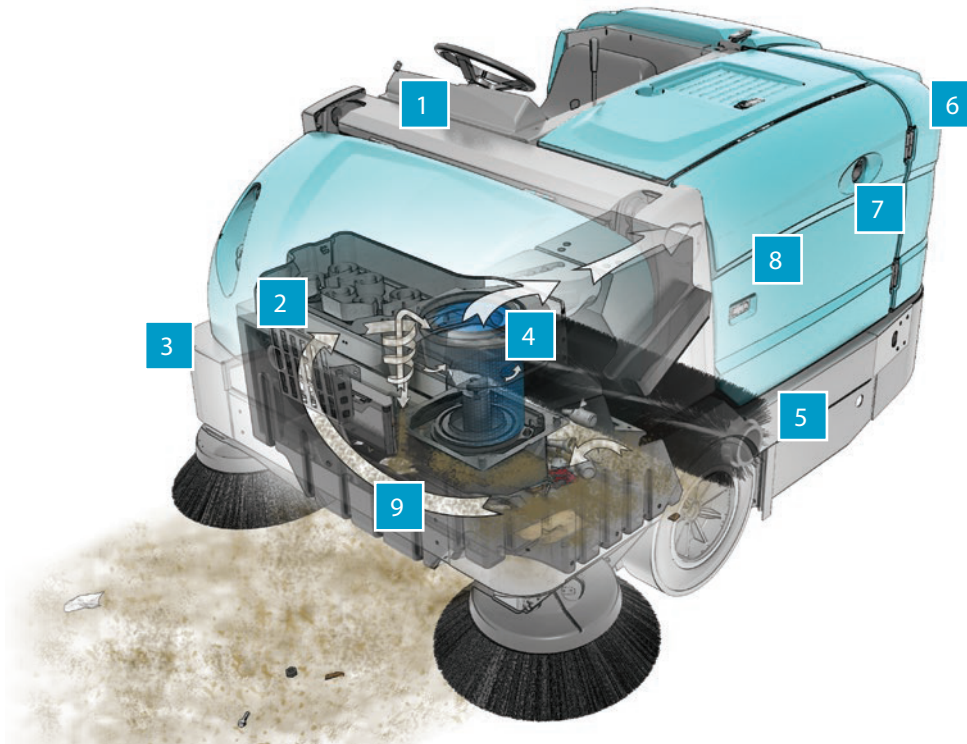


1-Step<sup>™</sup> start button with controls that enable sweeping systems to be activated with a single green button.



FOPS certified pressurized cabin, available with heat and air conditioning plus our dust suppression skirts.

# Inside the S30



1. Il-Speed™ sweep system increases the speed of the main brush, side brush, and vacuum fan by 15%.
2. Standard Thermo-Sentry™ hopper temperature sensor.
3. Heavy-gauge steel machine frame designed for long-term structural reliability and strength.
4. SweepMax® Plus provides cyclonic filtration and dry dust control for sweeping all floor surfaces.
5. Retractable, spring-loaded flap recirculates debris for improved sweeping results.
6. Rounded corner design improves turn-off from walls or racking to minimize damage.
7. Large capacity hydraulic oil tank and triple accessory pumps.
8. EasyOpen™ service access with onboard diagnostics.
9. ShakeMax® 360 orbital shaker in-hopper delivers 70% more effective shakeback and quieter operation.

## Optional accessories



ANSI tested overhead guard protects the operator from objects falling directly above.



Dual side brushes for increased productivity.

# S30 specifications

## SWEEPING SYSTEM

Cleaning path: Single side brush   Dual side brush	1,588 mm   2,032 mm
Main brush length (tubular)	1,145 mm
Side broom diameter	660 mm
Debris hopper	395 L
Debris hopper weight capacity: Plastic   Steel	490 kg   545 kg
Debris hopper: Dump height (variable to)   Dump reach	1,525 mm   760 mm

## DUST CONTROL SYSTEM

Filter area	7.4 m²
Dust filtration (seasoned filter)	0.5 microns at 99% efficiency
Vacuum fan speed: Normal sweeping mode   Litter sweeping mode	4,600 rpm   5,500 rpm
Vacuum diameter	280 mm

## PROPELLING SYSTEM

Propel speed forward (variable to)	13 km/h
Propel speed reverse (variable to)	5.0 km/h
Engine - LPG Gross Intermittent Power*   Tennant Governed Power	38.5 kW @ 2800 rpm   31.6 kW @ 2300 rpm
Engine - gasoline: Gross Intermittent Power*   Tennant Governed Power	37.8 kW @ 2800 rpm   30.3 kW @ 2300 rpm
Engine - diesel: Gross Intermittent Power*   Tennant Governed Power	18.5 kW @ 2300 rpm   18.5 kW @ 2300 rpm
Gradeability - full hopper	10° / 18%
Gradeability - empty hopper	14° / 25%
Ground clearance	100 mm

## MACHINE SPECIFICATIONS

Length	2,360 mm
Width	1,590 mm
Height with overhead guard   Without overhead guard	2,095 mm   1,475 mm
Weight (net)	1,620 kg
Minimum aisle turn	2,870 mm

## WARRANTY

See your local representative for warranty information

\*Per SAE J1995

Specifications subject to change without notice. Specifications based on standard machine configurations.

## Tennant – Reinvent how the world cleans

With a vision to become a global leader in sustainable cleaning innovation that empowers our customers to create a cleaner, safer and healthier world, Tennant creates solutions that are changing the way the world cleans.



**We are where you are**  
Tennant has the industry's largest direct sales and service organization and a well-supported network of authorized distributors worldwide.



**Solutions for your unique needs**  
Whatever your cleaning needs, Tennant offers a variety of high quality equipment to help you increase your cleaning productivity.



**Buying, leasing, renting**  
We offer flexible options to get you the machines you need, however you need them.



**Tennant True\***  
Optimize equipment performance and protect your investment with Tennant True\* parts and service.



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