



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!

Available Technologies



Three stage
SweepMax® Plus



IRIS® Asset Manager

Engineered for Productivity



- 1. SweepMax® Plus Stage 1: Perma-Filter™** helps keep bulky debris, moisture and dirt in the hopper removing 90% of particulates from the air stream.
- 2. SweepMax® 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® Plus Stage 3: Canister Nanofiber Filter** is MERV 15-rated, flame retardant Donaldson Ultra-Web® filter loads and shakesback 70% more effectively, and cleaner air from filtering sub-micron dust particulates down to .5 microns at 99% efficiency.

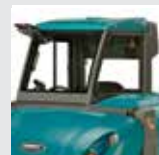
- 4. Reduce downtime and operator fatigue** with easy no-tool brush removal and change, aided by the self-guiding 8-spline drive and idler hub.
- 5. Easy-to-set color-coded brush wear indicator** for quick brush pressure settings.
- 6. Increased sweeping results** with a main brush that is only 2 in (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.

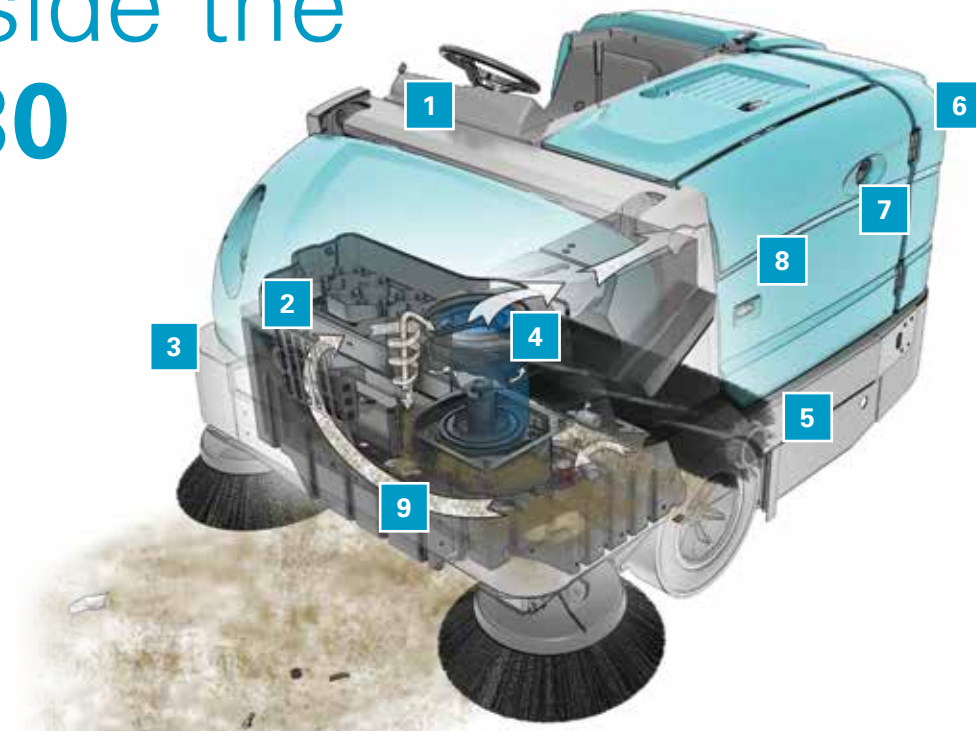


1-Step™ start button with controls that enable sweeping systems to be activated with a single green button.



FOPS certified pressurized cabin, available with heat and air conditioning.

Inside the S30



1. II-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 cyconic 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



ANSI tested Overhead Guard protects the operator from objects falling directly above.



Dual side brushes for increased productivity.



Travels up to 15 mph / 24 km/h on a stable 4 wheel platform with comfortable suspension and with the S30 X4 configuration.

S30 Specifications

SWEEPING SYSTEM

Cleaning path: Single side brush Dual side brush	62.5 in / 1,588 mm 80 in / 2,032 mm
Main brush length (tubular)	45 in / 1,145 mm
Side broom diameter	26 in / 660 mm
Debris hopper	14 ft ³ / 395 L
Debris hopper weight capacity: Plastic Steel	1,080 lb / 490 kg 1,200 lb / 545 kg
Debris hopper: Dump height (variable to) Dump reach	60 in / 1,525 mm 30 in / 760 mm

DUST CONTROL SYSTEM

Filter area	80 ft ² / 7.4 m ²
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	11 in / 280 mm

PROPELLING SYSTEM

Propel speed forward (variable to): 3-wheel (Gas/LP) X4 (Diesel)	8 mph / 13 km/h 15 mph / 24 km/h
Propel speed reverse (variable to)	3.0 mph / 5.0 km/h
Engine-gasoline/LPG Gross Intermittent Power* Tennant Governed Power	60.0 hp / 44.7 kW @ 3000 rpm 50.0 hp / 37.3 kW @ 2300 rpm
Engine-diesel: Gross Intermittent Power* Tennant Governed Power	24.8 hp / 18.5 kW @ 2300 rpm 24.8 hp / 18.5 kW @ 2300 rpm
Gradeability - full hopper 3-wheel (Gas/LP) X4 (Diesel)	10° / 18% 6° / 10.5%
Gradeability - empty hopper 3-wheel (Gas/LP) X4 (Diesel)	14° / 25% 9° / 16%
Ground clearance	4 in / 100 mm

MACHINE SPECIFICATIONS

Length	93 in / 2,360 mm
Width	62.5 in / 1,590 mm
Height with overhead guard Without overhead guard	82.5 in / 2,095 mm 58 in / 1,475 mm
Weight (net, 3-wheel)	3,570 lb / 1,620 kg
Minimum aisle turn	113 in / 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, no options*

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.



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