



# 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<sup>®</sup> Plus



Optional HEPA filtration system



IRIS<sup>®</sup> 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.

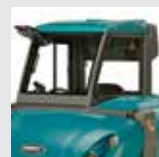
- 4. Reduce downtime and operator fatigue** with easy no-tool brush removal and change, aided by the self-guiding 8-spline drive and idler hub.
- 5. Easy-to-set color-coded brush wear indicator** for quick brush pressure settings.
- 6. Increased sweeping results** with a main brush that is only 2 in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

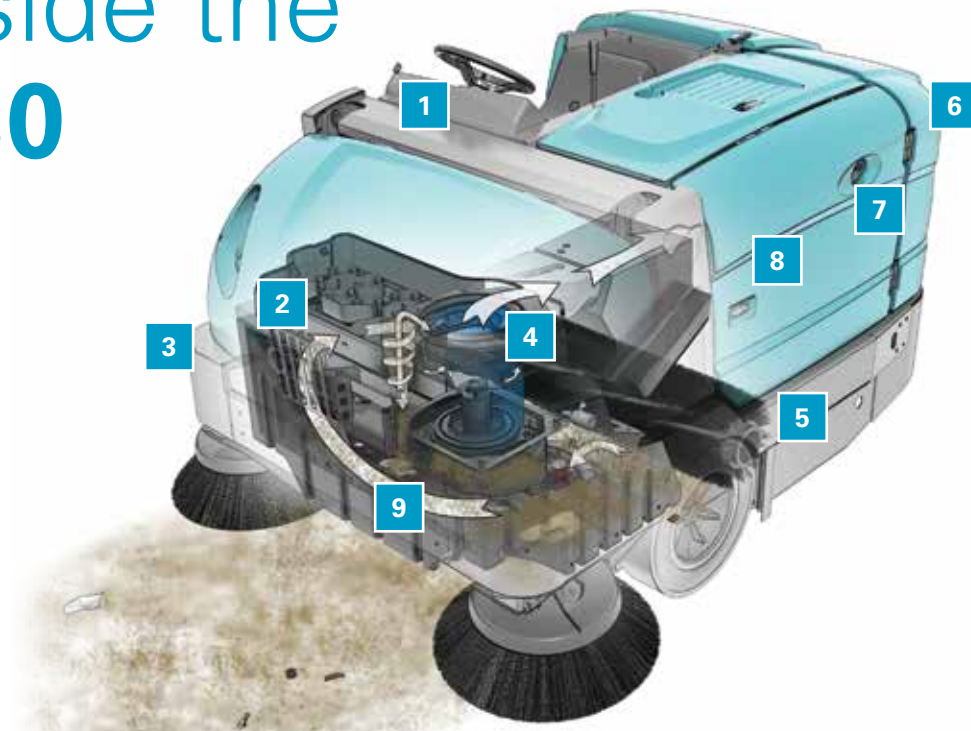


**1-Step™ start button** with controls that enable sweeping systems to be activated with a single green button.



**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.

# 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 <sup>3</sup> / 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 <sup>2</sup> / 7.4 m <sup>2</sup>
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)	8 mph / 13 km/h
Propel speed reverse (variable to)	3.0 mph / 5.0 km/h
Engine - LPG Gross Intermittent Power*   Tennant Governed Power	51.6 hp / 38.5 kW @ 2800 rpm   42.4 hp / 31.6 kW @ 2300 rpm
Engine - gasoline: Gross Intermittent Power*   Tennant Governed Power	50.7 hp / 37.8 kW @ 2800 rpm   40.6 hp / 30.3 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	10° / 18%
Gradeability - empty hopper	14° / 25%
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)	3,570 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*

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