



S16 Compact Battery-Powered Ride-On Sweeper

Providing big productivity and versatility in a battery-powered compact ride-on sweeper, the S16 delivers exceptional sweeping performance across a variety of surfaces and debris types. Achieve impressive dust control with a multi-stage filtration system and maintain air quality with fume-free operation.

Standard and Available Technologies



MaxPro™ sweeping
technology



Multi-stage filtration system



Available HEPA filtration

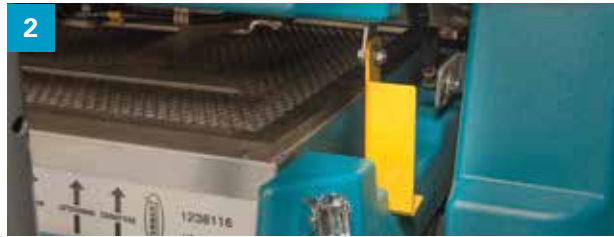


High-capacity battery
power sources



Available IRIS®
Fleet Manager

Engineered for Productivity



1. **MaxPro™** sweeping technology provides consistent power to the main brush to deliver consistent cleaning results across various surfaces and debris types.

2. **Multi-stage filtration system** with a powerful filter shaker system maintains air quality by effectively containing dust during the sweeping process.

3. **Powered high-dump configuration** eliminates the need to manually handle debris and enables you to place larger debris into the hopper for later disposal.

4. **Operate easily** with backlit controls featuring a 1-Step™ start button that simplifies training and ensures consistent cleaning performance.

5. **Eco-Mode™** extends runtime and allows for anytime cleaning with reduced noise levels.

Standard Accessories Included



Clean off aisle and in tight spaces with the convenient **dry vacuum wand**. Increase safety with **blue lights**

Optional Accessories



Increase safety with an optional **FOPS certified overhead guard** for proximity warning.

Inside the S16



1. Intuitive operator controls with 1-Step™ start button.

2. Easy-to-identify yellow maintenance touch points.

3. Multi-stage filtration system with a powerful filter shaker system.

4. MaxPro™ technology ensures consistent results across multiple surfaces.

5. Easily sweep larger debris to leave a clean surface with the flap-and-trap pedal.

6. Protect against facility damage with large non-marking corner rollers.

7. Depend on long-term reliability with fully-coated metal frame, stainless steel high-dump hopper, or rotomold low-dump hopper.

Optional Accessories



Maintain air quality with available **HEPA filtration and dust control skirts**



Reduce cleaning time and increase productivity with optional **dual side brushes**.



Clean carpeted spaces with optional non-marking skirts and **FiberShield™ carpet lint screen**.

S16 Specifications

SWEEPING SYSTEM

Cleaning path: Single side brush Dual side brush	1,170 mm 1,520 mm
Main brush length (tubular)	810 mm
Side broom diameter (disk)	510 mm
Hopper volume capacity	150 L
Hopper weight capacity: High-dump	159 kgs
Maximum hopper dump height (high-dump)	1,570 mm
Hopper dump reach	740 mm

DUST CONTROL SYSTEM

Filter system: Stage 1 Stage 2 Stage 3 (optional)	Perma-filter™ Panel Filter HEPA Filter
Panel Filter Dust filtration (to)	1 Micron @ 97,7% efficiency
Optional HEPA Filter Dust filtration (to)	0.3 Microns @ 99,95% efficiency (H13)
Vacuum fan	0.6 kW
Vacuum fan speed: Normal sweeping mode Eco-Mode™	12,000 rpm 10,000 rpm
Vacuum fan diameter	124 mm

PROPELLING SYSTEM

Power source	Battery, 36 volts
Propel motor	Electric, AC drive, 1.2kW, 1.6 HP
Propel speed forward (variable to):	8.8 km/h
Propel speed reverse (variable to)	4.8 km/h
Gradeability: Full hopper Empty hopper	10.0 deg / 17.6% 12.0 deg / 21.3%
Ground clearance: High-dump	64 mm

MACHINE SPECIFICATIONS

Length	1,815 mm
Width	1,165 mm
Height: With overhead guard Without overhead guard	2,095 mm 1,500 mm
Weight: Net high-dump, base batteries Net low-dump, base batteries	975 kgs 880 kgs
Minimum aisle turn	2,130 mm

WARRANTY

See your local representative for warranty information

Specifications subject to change without notice.

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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For a demonstration or additional information,
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