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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 Smart-Fill™ automatic battery watering**
- **Available IRIS® Asset Manager**

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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. **Manual low-dump configuration** with VarioHeight™ handle increases ease of dumping debris for various operators.
5. **Operate easily** with backlit controls featuring a 1-Step™ start button that simplifies training and ensures consistent cleaning performance.
6. **Eco-Mode™** extends runtime and allows for anytime cleaning with reduced noise levels.

Optional Accessories



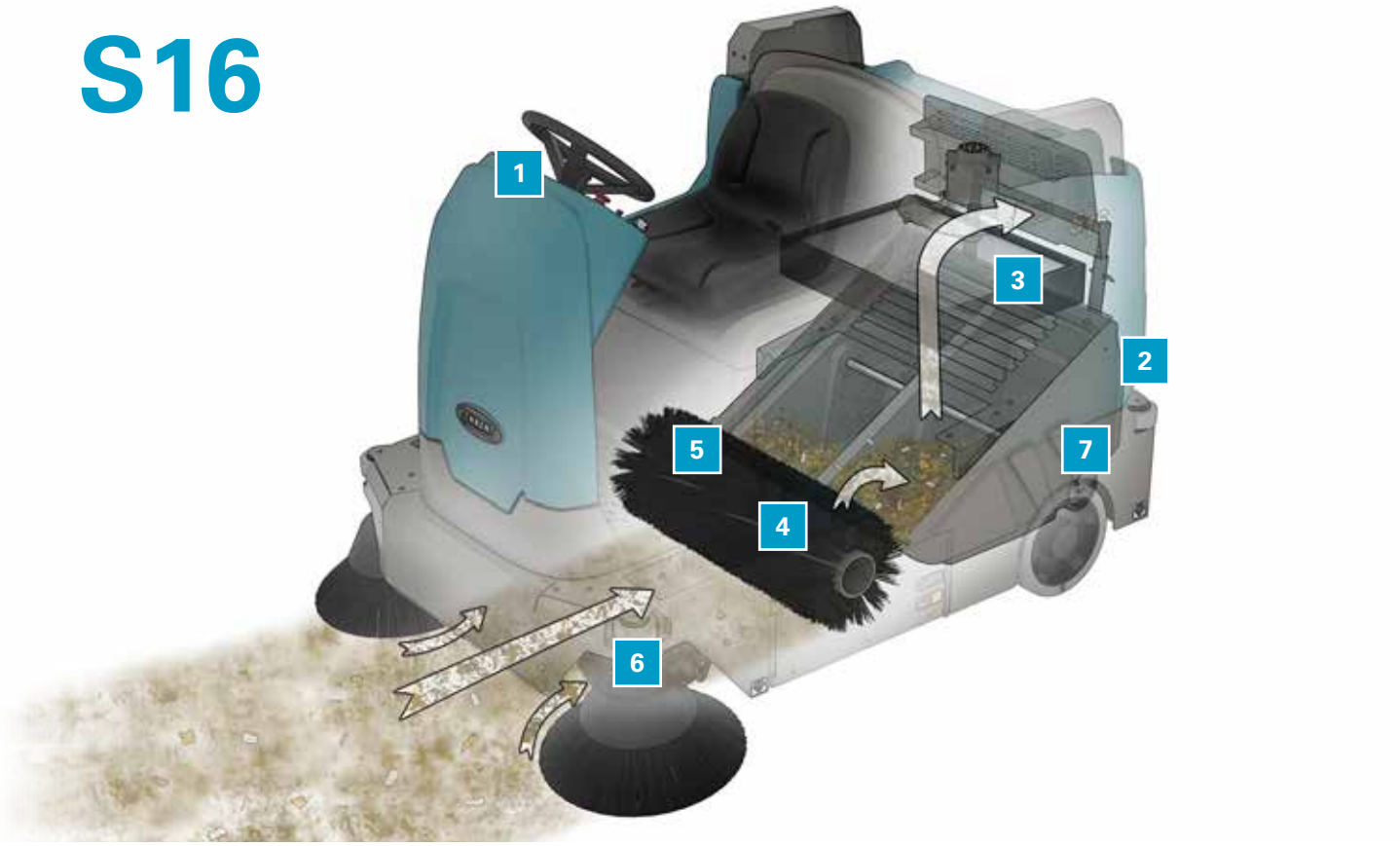
Increase safety and effective operation in the most severe environments with an optional **FOPs certified overhead guard.**



Clean off aisle and in tight spaces with the convenient optional **dry vacuum wand.**

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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



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



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

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S16 Specifications

SWEEPING SYSTEM	
Cleaning path: Single side brush | Dual side brush	46 in / 1,170 mm | 60 in / 1,520 mm
Main brush length (tubular)	32 in / 810 mm
Side broom diameter (disk)	20 in / 510 mm
Hopper volume capacity	5.3 ft³ / 150 L
Hopper weight capacity: Low-dump | High-dump	200 lbs / 91 kgs | 350 lbs / 159 kgs
Maximum hopper dump height (high-dump)	61.8 in / 1,570 mm
Hopper dump reach	29.1 in / 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 @ 99.97% efficiency
Vacuum fan	0.6 kW
Vacuum fan speed: Normal sweeping mode | Eco-Mode™	12,000 rpm | 10,000 rpm
Vacuum fan diameter	4.9 in / 124 mm
PROPELLING SYSTEM	
Power source	Battery, 36 volts
Propel motor	Electric, AC drive, 1.2kW, 1.6 HP
Propel speed forward (variable to):	5.5 mph / 8.8 km/h
Propel speed reverse (variable to)	3.0 mph / 4.8 km/h
Gradeability: Full hopper | Empty hopper	10.0 deg / 17.6% | 12.0 deg / 21.3%
Ground clearance: Low-dump | High-dump	3.0 in / 76 mm | 2.5 in / 64 mm
MACHINE SPECIFICATIONS	
Length	71 in / 1,815 mm
Width	45 in / 1,165 mm
Height: With overhead guard | Without overhead guard	82.5 in / 2,095 mm | 58 in / 1,500 mm
Weight: Net high-dump, base batteries | Net low-dump, base batteries	2,150 lbs / 975 kgs | 1,940 lbs / 880 kgs
Minimum aisle turn	84 in / 2,130 mm
WARRANTY	
See your local representative for warranty information	

Specifications subject to change without notice.

Tennant–**Reinvent how the world cleans**

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For a demonstration or additional information,
call **+1.800.553.8033** or email **info@tennantco.com**

Tennant
701 North Lilac Drive
Minneapolis, MN 55422 USA

USA/Canada: +1.800.553.8033
Quebec: +1.800.361.9050
Overseas: +1.763.540.1315

www.tennantco.com | info@tennantco.com

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