



# 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

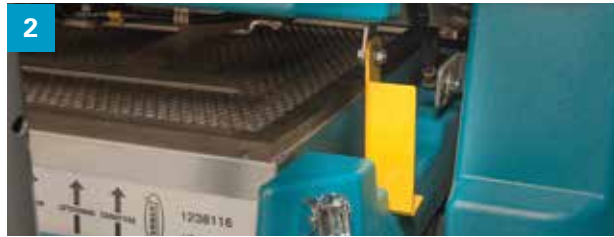


Available Smart-Fill™ automatic battery watering



Available IRIS® Asset Manager

# 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**.

# 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**.

# S16 Specifications

## SWEEEPING 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

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.



### TennantTrue®

Optimize equipment performance and protect your investment with TennantTrue® parts and service.

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