



# 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 Optional Technologies



MaxPro™ sweeping  
technology



Multi-stage filtration system



Optional HEPA filtration



High-capacity battery  
power sources



Optional 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. **Manual low-dump configuration** with VarioHeight™ handle and optional removable bins.
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 with an optional **FOPS certified overhead guard and blue light** for proximity warning.



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



Maintain air quality with optional **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: Low-dump   High-dump       | 91 kgs   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: Low-dump   High-dump   | 76 mm   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.*

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