


# **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

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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

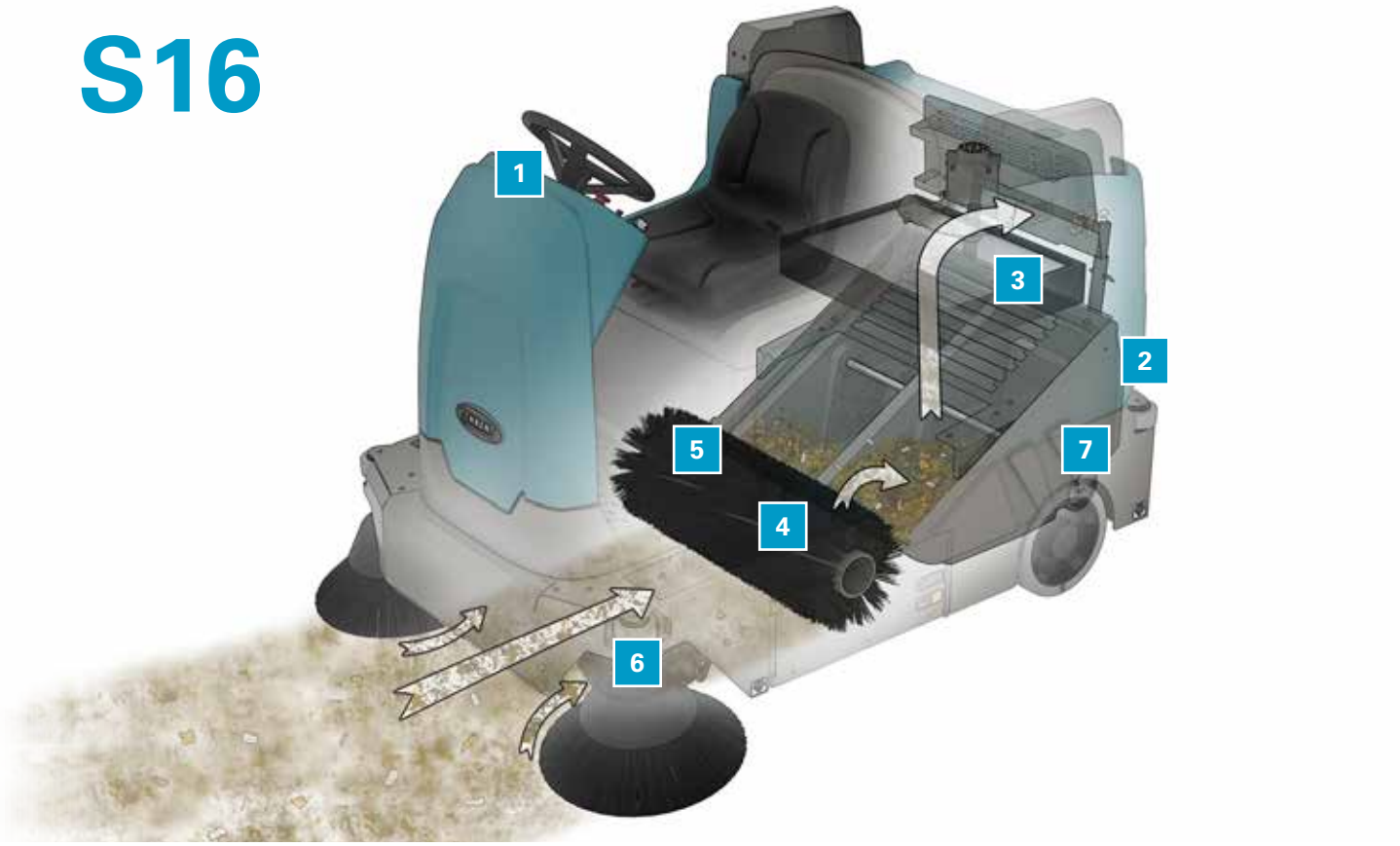


Increase safety with an optional **FOPS certified overhead guard and blue light** for proximity warning.



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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