



# 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

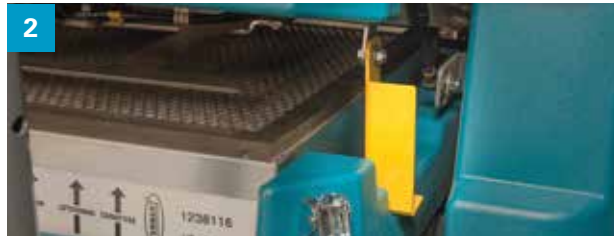


High-capacity battery power sources



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. 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

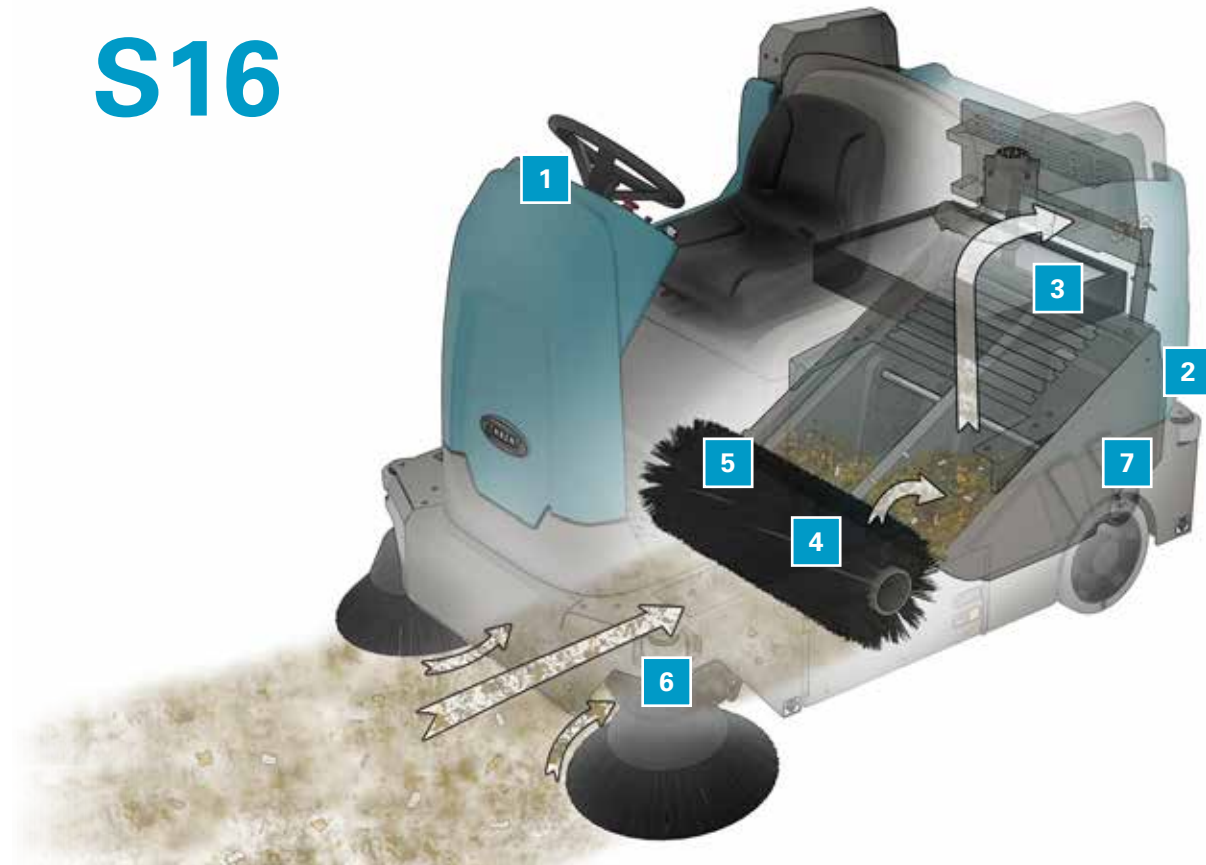


Increase safety with an optional **FOPS certified overhead guard and blue light** for proximity warning.



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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