E-ONES®

Smart. Green. Always on.

ONESWEEP90



ONESWEEP RANGE - RIDE-ON SWEEPERS

The OS90 Sweeper

The perfect choice for demanding, professional applications: the OS90 **sweeps, collects and filters all types of dust and dirt**. Unrivalled energy efficiency, environmental friendliness, silent operation and extremely efficient filtration make the OS90 ride-on sweeper from E-Ones a benchmark for the cleaning sector and the ideal solution for all those seeking to implement ESG solutions within their business.



TECHNICAL SPECIFICATIONS

Cleaning path with 2 side brushes	1.570 mm
Cleaning path with main brush	900 mm
Hourly performance	13.820 m²/h
Forward speed	8,8 km/h
Dirt container volume	250 l
High dump height	1.550 mm
Filter type	Multipocket Filter
Traction motor	Electric, with rear wheel motor
Weight (excluding batteries)	968 kg
Size with 2 side brushes (lxwxh)	2.420 x 1.540 x 1.600 mm
Maximum gradient (operating/climbable)	11/20 %

ESG: tangible sustainability

Environmental, Social and Governance: ESG criteria measure a company's ability to generate value while respecting the environment, people and the principles of responsible management.

E-Ones' commitment to the environment is real: all-electric drive, zero emissions, record-breaking autonomy, low noise levels and components that are made to last.

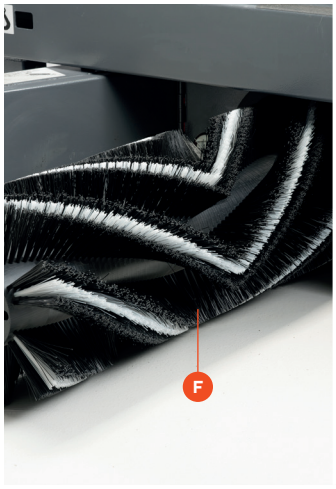
And that's not all. Research and innovation in partnership with prestigious Italian universities and industrial designers, in-house training and development programmes, and sound financial stability: this is our vision, based on responsibility, transparency and the creation of lasting value.



CONTROL PANEL

The layout of the controls is ergonomic, simple and intuitive. The ECOsmart function extends cleaning time to over 8 hours while Start&Stop reduces energy consumption and noise.

- A **EcoSmart function**
- B **Start&Stop function**
- C **Ergonomic control panel**
- D **Power-assisted adjustment** of the main brush
- E **Ergonomic** driving position

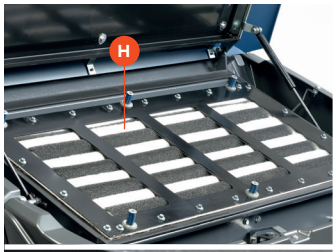


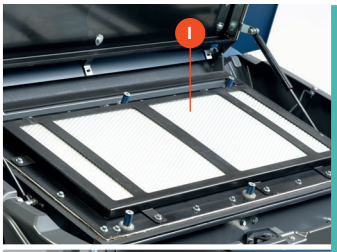


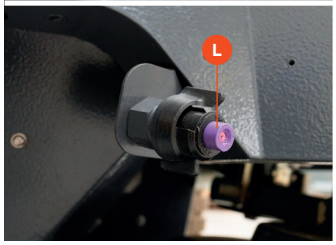
SWEEPING ASSEMBLY

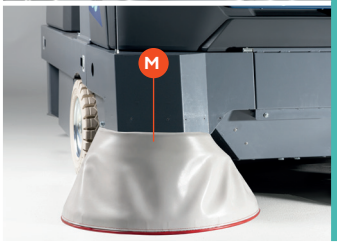
This comprises two side brushes with steel covers and shockproof mountings as well as the main brush, and uses a dedicated brushless motor and a Multibristle brush to sweep up debris of any size with unrivalled efficiency.

- F **Multibristle main brush**
- G **Side brushes** on both sides









DUST CONTROL SYSTEM

From fine dust to coarser debris, the OneSweep 90 ensures effective dirt and dust control, helping to keep indoor and outdoor environments cleaner, safer and more comfortable.

- H **"M" class Multipocket filter**
- I **HEPA H13 filter (optional)**
- L **Spray system (optional)** on both side brushes
- M **Dust-control shrouds (optional)** with suction on the side brushes







OTHER DISTINCTIVE FEATURES

Smart design solutions make work easier, more efficient and more sustainable.

- N Lithium, gel and lead-acid **batteries** available
- O **Canopy** for the operator **(optional)**
- P **Direct debris collection system** and hydraulically operated hopper



Why the OS90 is the answer for all those seeking ESG solutions

Zero emissions, ultra-silent operation

The OneSweep 90 is designed in line with E-Ones' all-electric policy, a choice that **eliminates carbon dioxide emissions** and minimises noise pollution.
This is why it operates just as effectively **indoors and outdoors**, and why it improves the quality of the working environment and the wellbeing of operators and people nearby.

Performance or autonomy? Both!

With the OneSweep 90, **electric drive breaks through the barriers** traditionally associated with battery-powered solutions. Every component is designed to reduce energy consumption and maximise autonomy, ensuring over 8 hours of cleaning in **ECOsmart** mode. The OS90 is ideal for both indoor and outdoor floor cleaning and delivers superb performance under even the most challenging conditions.

Italian innovation

The OneSweep 90 embodies all the expertise gained by our parent company in over 40 years of activity. Every little detail has been designed by our own **Research and Development** team, and through collaboration with prestigious **Italian universities and design studios**.
The result is a machine that epitomises excellence in performance, efficiency and ease of use.

Less maintenance, more uptime

The OneSweep 90 is designed to **reduce component wear** and to simplify maintenance.
Power-assisted brush adjustment, **brushless motors**, auxiliary side brush guards and a wiring system concentrated in a single control panel keep **total cost of ownership** low and minimise downtime.

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