

Street Cleaning Solutions



www.ePowerTrucks.co.uk



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Clean Streets. Quiet Power. Smarter Cities.

At ePowerTrucks, we believe the future of urban cleaning should be sustainable, efficient, and people-friendly. That's why we've developed a complete Street Cleaning Range of fully electric vehicles designed to keep our towns, cities, and communities spotless.

From compact pedestrian sweepers to powerful multi-purpose machines, our vehicles combine:

- Zero emissions for cleaner air
- Whisper-quiet operation for community comfort
- Robust, practical design built for daily use

Trusted by councils, contractors, and facilities managers across the UK, the ePowerTrucks Street Cleaning Range delivers outstanding results while helping organisations meet their environmental goals.



SmartWind
Electric ride on sweeper

Big performance in a compact, 100% electric sweeper.

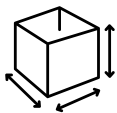
The SmartWind is the most compact ride-on electric road sweeper on the market, designed for maximum efficiency in tight urban and pedestrian environments. Its innovative raised offloading system allows operators to empty waste directly into standard containers, reducing downtime and improving productivity.

Built for councils, facilities managers, and contractors who demand cleaner streets with lower emissions, the SmartWind combines:

- 100% electric power – zero emissions, low running costs, and whisper-quiet operation.
- Compact ride-on design – perfect for narrow streets, pavements, car parks, and busy pedestrian areas.
- Raised offloading – simple, efficient emptying into waste bins or containers.
- Ergonomic comfort – intuitive controls and excellent visibility for safe, all-day use.

With its smart design and eco-friendly credentials, the SmartWind delivers powerful cleaning performance while helping you achieve your sustainability goals.

SmartWind Specification



Dimensions

L - 1,920 mm
W - 1,030 mm
H - 2,000 mm



Batteries

LiFePO₄, AGM 24
Volt batteries



Max Speed

7 mp/h



Waste Hopper

270 L



Water Tank

50 L



Runtime

8-10 Hours



Maximum Gradient

22%



Sweeping Width

1,550 mm

Equipped with an advanced “steer-by-wire” system operated through an innovative mouse control. The SmartWind road sweeper is designed to be both safe and easy to handle. Ideal for cleaning small to medium-sized indoor and outdoor spaces, it offers an ecological and versatile solution. By producing zero CO₂ emissions and cutting noise levels by 40%, it enhances the quality of life for both operators and residents.





MaxWind
Electric road sweeper

Zero Emissions, Maximum Performance.

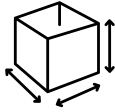
The MaxWind is the industry's pioneering 100% electrically powered road sweeper, running entirely on a 24 V system with zero CO₂ emissions. Quiet, nimble, and robust, it transforms how pedestrian zones, car parks, and both indoor and outdoor areas are cleaned, enhancing operator comfort and resident tranquillity alike.

Built for councils, facilities managers, and contractors who demand cleaner streets with lower emissions, the MaxWind combines:

- Environmentally Friendly - operates with zero emissions, ideal for day & night-time cleaning.
- Designed For Comfort – ergonomic controls, adjustable speed, ride-on or walk-behind flexibility, deluxe seating.
- Compact & Powerful – sweeping width up to 1.32 m, waste hopper capacity up to 130 L and a climbing gradient ability of 20%.
- Excellent Runtime – battery-powered for 8–10 hours of continuous cleaning, perfect for a full shift.

With its smart design and eco-friendly credentials, the MaxWind delivers a powerful cleaning performance while helping you achieve sustainability goals.

MaxWind Specification



Dimensions

L - 1,860 mm

W - 1,250 mm

H - 990 mm



Batteries

LiFePO₄, AGM or
lead-acid 24 Volt
batteries



Max Speed

5 mp/h



Waste Hopper

110 -130 L



Water Tank

22 L- 37 L



Runtime

8-10 Hours



Maximum Gradient

20%



Sweeping Width

1,250-1,320 mm

Balanced and ergonomic, it is the perfect solution for sweeping pavements, pedestrianised areas, car parks and any small or medium-sized areas.

Safe, easy to handle and efficient, MaxWind offers runtime of up to ten hours and improves the lives of both operatives and residents.





MaxWind Hydro
Electric pavement washer

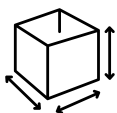
Electric Power for Cleaner Streets

The MaxWind Hydro is a fully electric pavement washer that combines eco-sustainability with professional-grade cleaning power. Compact and maneuverable, it runs quietly on safe 24-volt batteries for up to 10 hours, making it ideal for sidewalks, pedestrian areas, and car parks at any time of day.

- 100% Electric – Zero emissions, silent operation, and up to 10 hours of autonomy.
- Efficient Washing – Dual 105 L water tanks plus 5 L disinfectant reservoir.
- Professional Cleaning – Adjustable high-pressure system (50–100 bar) with ergonomic lance and 12 m hose reel.
- Compact & Manoeuvrable – Easy to handle in sidewalks, pedestrian zones, and car parks.

Designed for comfort, safety, and efficiency, the MaxWind Hydro delivers a greener, smarter way to keep urban spaces spotless.

MaxWind Hydro Specification



Dimensions

L - 1,810 mm
W - 1,024 mm
H - 900 mm



Batteries

LiFePO₄, AGM or
lead-acid 24 Volt
batteries



Max Speed

5 mp/h



Disinfectant Tank

5 L



Water Tank

2 x 105 L



Runtime

8-10 Hours



Maximum Gradient

20%



Washing Width

900 mm

The MaxWind Hydro is the perfect solution for cleaning and washing pavements, pedestrianised areas, car parks and any small or medium-sized areas.

Safe, easy to handle and efficient, MaxWind hydro offers runtime of up to ten hours and improves the lives of both operatives and residents.





Ecarri

Electric waste collection

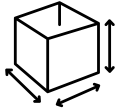
Compact. Quiet. Fully Electric

The Ecarri is the latest-generation 100% electric, 24-Volt manual street collection unit. It is silent, emission-free, and engineered for effortless cleaning. Perfect for pedestrian zones, parks, and small to medium-sized areas. Its whisper-quiet operation enhances both operator and public comfort, making it ideal for daytime or night-time use.

- True Electric Efficiency - No hydraulic circuits mean lower mass and energy losses—ecologically smart and mechanically simple.
- Safe, Low Voltage Operation - Operates safely on only 24 Volts, posing no electrical hazard to operators or bystanders.
- Ultra-Quiet for Peaceful Cleaning - The silent 100% electric drive reduces noise pollution—perfect for overnight or early-morning operations.
- Full Work-Shift Runtime - Up to 8–10 hours of autonomy, thanks to LiFePO₄ battery options (20 Ah or 40 Ah).
- Highly Manoeuvrable & Ergonomic - Lightweight, compact design with intuitive push-&-pull controls and great visibility ensure ease of use and operator comfort.



Ecarr Specification



Dimensions

L - 1,498 mm

W - 683 mm



Batteries

LiFePO4 24 Volt
lithium batteries



Max Speed

4 mp/h



Waste Hoppers

2 x 70 L



Water Tank

5 L



Runtime

8-10 Hours



Maximum Gradient

22%



Empty Weight

80 kg



The Ecarr is a compact, 100% electric manual street sweeper designed for quiet, efficient, and eco-friendly cleaning. Powered by safe 24-Volt batteries with up to 10 hours of autonomy, it offers excellent manoeuvrability, zero emissions, and whisper-quiet operation, making it ideal for parks and pedestrian zones.



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