

EMS1600



INNOVATIONS



ECO SELECT



SERVICE MENU



TELEMATICS GPS



ANTIBACTERIAL PLASTIC



DBL DOUBLE BATTERY LIFE



SLS SELF LEVELING SYSTEM



ANC ADVANCED NOISE CONTROL

CONSUMABLES (CODES AVAILABLE ON PRICE LIST)



BRUSHES

RIDE ON SCRUBBER DRYER



GREEN CLEANING EFFICIENCY



ISO 14067 CARBON FOOTPRINT CERTIFIED



ZERO-COMPROMISE
PERFORMANCE

- Delivers industrial-grade results with smooth control



WHISPER-QUIET
OPERATION

- Low-noise cleaning for noise-sensitive environments.



COMPACT DESIGN,
MAXIMUM REACH

- Maneuvers easily in tight spaces without losing power.

Municipal EV Truck Sweeper – Clean Streets, Greener Cities

The Municipal EV Truck Sweeper is a fully electric, eco-friendly vehicle designed for efficient street cleaning across urban roads, parking lots, and construction sites. It removes dust, debris, leaves, and litter to maintain cleanliness, improve road safety, and prevent drain blockages. With zero emissions and low noise, it's ideal for sustainable city operations and residential use. Combining powerful cleaning performance with environmental responsibility, this sweeper is perfect for modern municipalities focused on clean, green infrastructure.

Specifications

Name	EMS1600
Track Width	1290 mm
Wheelbase	2120 mm
Ground Clearance	180 mm
Weight Driving	1450 kg
Speed Work	≤ 28 km/h
Speed	≤ 6 km/h
Minimum Turning Radius	4 m
Front Brush Diameter	750 mm
Medium Brush Diameter	500 mm
Water Tank Capacity	900 L
Dustbin Capacity	1600 L
Sweeping Width	2300 mm (Clean) / 1100 mm
Dumping Angle	42°
Electric Machinery	72V 7500W AC Motor
Hydraulic Power Unit	800W brushless motor
Frame	Carbon steel riveted frame
Tyre	175-70-13
Dimensions	4700 × 1440 × 2160 mm

Battery Type



Specification	Details / Lithium Battery	Dry Battery (Lead-Acid / Gel)
Battery Type	Lead-Acid / Lithium	Lead-Acid / Lithium
Battery Capacity	48V / 200Ah	48V / 200Ah
Type	Li-ion / LiFePO ₄	Lead-Acid / Gel
Voltage	24V / 36V / 48V	24V / 48V
Capacity Range Cycle	100Ah – 400Ah	100Ah – 300Ah
Life	1500 – 3000 cycles	500 – 1000 cycles
Charging Time	2 – 4 hours	6 – 10 hours
Weight	30–50% lighter	Heavier
Maintenance	Maintenance-free	Occasional (less with Gel)
Discharge Consistency	Stable voltage output	Voltage drop over time
Lifespan	5 – 7 years	2 – 3 years