

RAVO WAS HERE ... 100% ELECTRIC

BERLIN

COMING SOON



FAYAT
ENVIRONMENTAL
SOLUTIONS

**CARING FOR
A CLEAN FUTURE**

A NEW GENERATION SWEEPER FOR A GREEN FUTURE

A growing number of municipalities are taking far-reaching measures to limit noise and environmental impact in the city to a minimum. The reduction of particulates, noise pollution and diesel fumes are important priorities for city councils. The latest sweeper from RAVO is fully electric, super quiet and 100% emission free.

The new RAVO eSeries is based on the existing RAVO 5 iSeries and is in keeping with the unstoppable trend toward more environmentally friendly, sustainable and socially responsible operations. After an initial proof of concept was presented to an enthusiastic reception at the IFAT in May 2018 and full-scale test runs in Barcelona, Paris, Berlin and Haarlem, the company is now ready to run extensive practical trials. All that testing is crucial: the first electric models are scheduled to be put into production at our new production facility in 2020.

Social trend

The new RAVO eSeries is literally the quietest revolution in sweeping streets and city squares. RAVO has taken this step to develop an electric sweeper very consciously. The company's vision on its social and sustainability role in the urban environment drove the development of an electric street sweeper, and demand from the market accelerated that process even further.

The quietest revolution

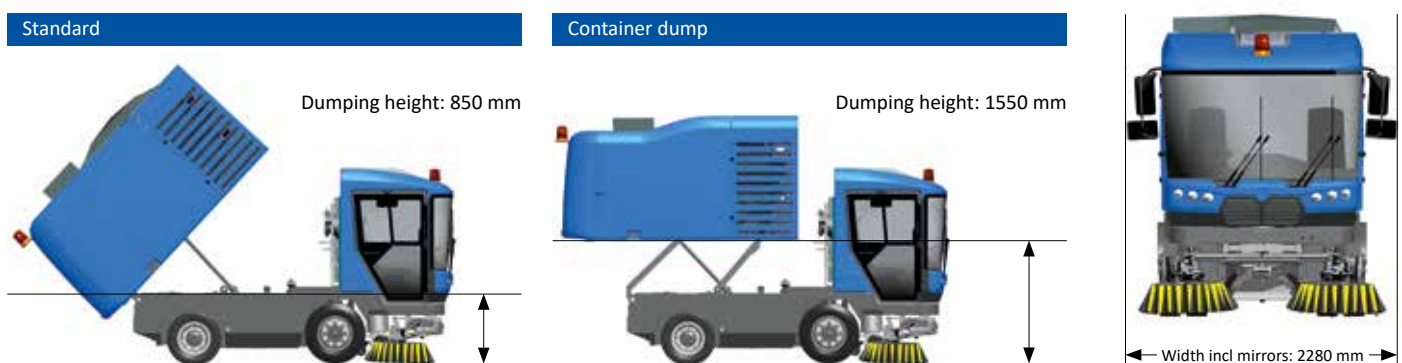
Its low noise emission makes the sweeper even more special in addition to its environmentally friendly nature. This is especially pleasing in the densely populated city centres and residential areas. Municipal authorities and service providers can therefore utilise the machine, given prevailing noise restrictions, for example for night time sweeping.



100% **Electric** 

RAVO 5 eSeries TECHNICAL SPECIFICATIONS

Suction system	
Capacity blower	Standard
Suction nozzle dimensions l x w	112 x 630 mm (STD)
Suction nozzle material	Corten steel (optional linatex lining available)
Suction tube diameter	225 mm (STD)
Suction tube material	Stainless Steel (optional linatex lining available)
Brush system	
Type	RAVO maintenance free pulling brush system
Available brush diameter	900mm only
Brush rotation speed	Standard
Engine & Drive system	
Emission level	zero
Battery	100 kWh/ 480 Volt
Max torque / power	750 Nm / 100 kW
Fan RPM	Standard
Charger (included in machine)	22 kW
Power plug	CEE Form 32A/380 Volt
Performance	Fulfill an 8 hour working day**
Speed (per hour)	40 km***
Well-being	
Noise emission	3dB(A) quieter than standard
Brakes & Electricity	
Front brakes	Hydraulically operated disk brakes
Rear brakes	Electrical regenerative /drum brakes
Front suspension	Independent hydro-pneumatic suspension
Rear suspension	Rubber cone springs
Maintenance	
Container Material	Stainless Steel inside / ABS cover outside
Total amount of greasing points in sweeper	15
Battery Warranty	5 Year or 3000 Cycles
Optional Equipment	
Max. sweeping width incl. third brush	3400 (STD)
Wander hose	200 mm diameter (STD)
Third brush	750 mm diameter (STD)
High pressure water pump	15 L per min. @ 150 bar
Camera	Suction mouth, side view and rearview



Dimensions	Standard	Container dump
Volume	5 m ³	4 m ³
Length	4625 mm	4625 mm
Height	2700 mm	2510 mm
Width incl mirrors	2280 mm	2280 mm
Wheelbase	1916 mm	1916 mm
Sweeping width	2500 mm	2500 mm
Turning distance curb to curb	5070 mm	5070 mm
Min. total empty weight (curb weight)*	+200 kg	+200 kg
Max. payload*	-200 kg	-200 kg

*Depending on model | **Depending on user profile/with opportunity charging | *** Depending on local legislation
 Every effort has been made to ensure that the information in this brochure is accurate. RAVO B.V. is not responsible for printing or clerical errors.