

ENVIRONMENT TIME PEOPLE QUALITY PERFORMANCE

NEWD.ZERO²



DULEVO

FAYAT GROUP

TIMELESS QUALITY THROUGH PASSION

Reduced environmental impact

Electric street sweeper

The electric street sweeper has zero CO2 emissions and zero harmful gases re-emitted into the environment.

Dust control

A steel filter and a large water tank guarantee total dust control.

Low sound power

Noise emissions were also considerably reduced to use the night hours for street cleaning without disturbing the peace.

Reduced water consumption

A new water recirculation system increases sweeping autonomy and consumes less water.





Electrical efficiency

Electric motors

more advanced, higher-performance and more energy-efficient engines.

Faster charging

AC charging on the new D.Zero2 is faster thanks to the new On-Board charger, reducing charging time.

Charging sockets

equipped with COMBO CCS Type 2 and Type 1 socket to cover the needs of major markets.

Batteries

The new batteries with the latest Lithium-Iron-Phosphate cells not only reduce the weight of the machines but also offer a higher standard warranty coverage.

Charging points

The Combo version allows AC charging (charging points or Wall Box) and DC charging (external charger).

A sweeper designed for people

Improved visibility in the cabin

Increased front glass surfaces and a steering column with a smaller base size increases operator visibility.

Ergonomic cabin layout

Ergonomic and adjustable control layout and function display according to the operator's needs.

Less noise in the cabin

Thanks to the new soundproofing system

Multifunctional joystick.

The operator has full control of sweeping functions, thanks to the adoption of this innovative joystick, the concepts of ergonomics and versatility have been amplified.





Smart thinking

Dulevo Telematic (Tierra)

Diagnostics and vehicle information remotely accessible. Monitoring the position of the sweeper, how it is used, any stoppages or breakdowns. Automatic service and maintenance planning..

Easy stop

all functions are deactivated, the suction mouth lifts, the brushes are lifted and return to the position (within the machine shape) of minimum clearance to move into transfer mode.

On-Board diagnostics

Ability to access function diagnostics directly from the display. The machine status is monitored thanks to CAN-BUS management.

Easy Start

At the push of a button the sweeper is ready for work. For maximum efficiency, the machine is also equipped with an automatic-stop system in case the sweeper is in a non-working position for a certain period of inactivity.

A.S.T.

“Adaptive Sweeping technology”, i.e. the machine helps the operator in different working conditions and can be adapted to various sweeping conditions.

Different work programmes can be selected: ECO, STANDARD, HEAVY and BOOST

THE ALL NEW

New cabin

The operator's comfort directly affects their productivity. That is why the new cabin is spacious and unhindered..

Regulations

EU 17106 Compliant. The machine was designed taking into account the new requirements demanded and defined for the safety of road surface cleaning machines.

Suction mouth

The suction mouth and its flap opening system are covered by a patent filed by Dulevo, which guarantees high performance for an easy collection of even the bulkiest material.

Suction hose

The diameter of the suction hose was increased to 200 mm and is installed in an outward easy-to-inspect position without bends. For maximum performance, coupling is through a spring-compensated flange

Container unloading

The opening of the container door today is offered in two different solutions, so as to allow the classic unloading mode and possible coupling with compactors.

Fast Charge

The new version can be equipped with a new, more powerful and intelligent On-Board charger in addition to the two types of charging systems with external charger. The machine can recognise the incoming energy source on its own, but with the new On-Board battery charger even charging from roadside charging points will be faster.

Batteries

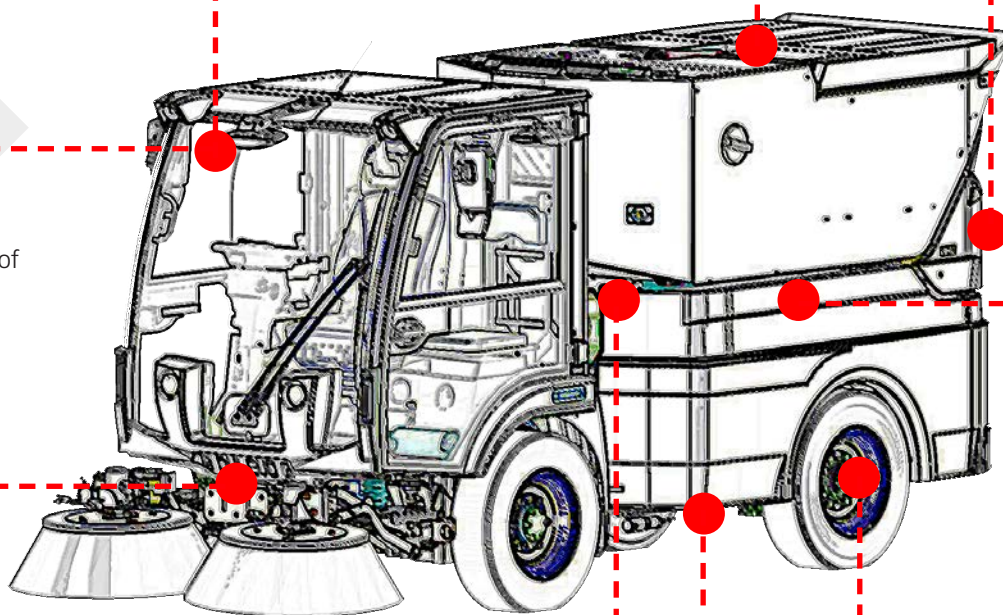
The new Lithium battery pack was developed using the latest generation of cells available on the market, which take advantage of increased energy density and weight reduction. The machine guarantees the completion of the work shift without the need for intermediate charges.

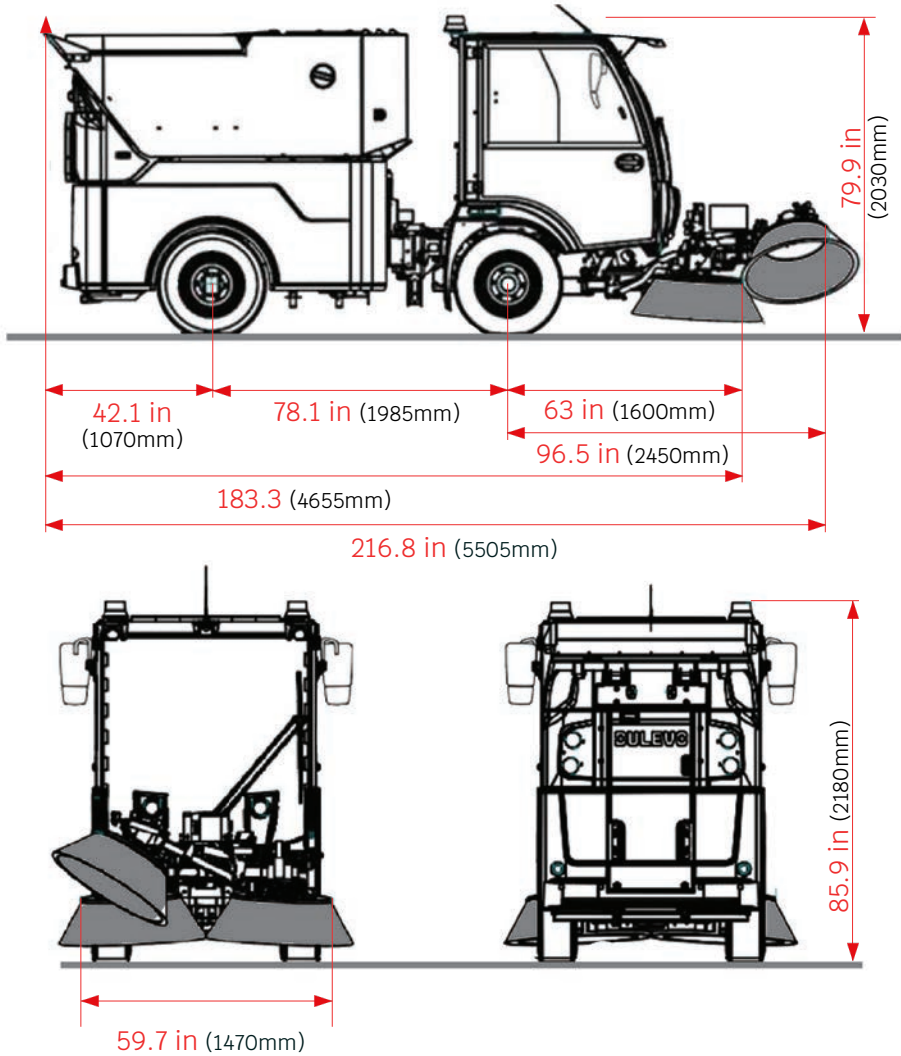
Braking system

Braking system Greater speed requires greater safety and braking power. The new D.Zero2 has been improved in both the service and parking brake system.

Speed

The maximum speed - 40 km/h - of the vehicle is higher, reducing transfer times and increasing productivity. The machine now allows large distances to be covered, as it happened with conventional sweepers with IC engines.





Technical Data

Sweeping width:		
- Minimum	in	69 (mm 1750)
- Maximum	in	126 (mm 3200)
- With third brush	in	134 (mm 3400)
Waste container volume	yd ³	1,6 (m ³ 2)
Height of container discharge	in	57 (mm 1450)
Cab seats	n°	2
Hourly output	ft ² /h	451920 (m ² /h 42000)
Maximum speed	Mph	20 (Km/h 32)
Turning circle diameter (pavement)	ft	10.9 (mm 3300)
PM certification		PM 2,5 / PM10****
Battery	KW/h	75



The data in this catalogue are not binding on the company and may be changed at any time without previous notice.



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