

D3

Street Sweeper



DULEVO
FAYAT GROUP

TIMELESS QUALITY THROUGH PASSION

ENVIRONMENT

Reduced environmental impact

The high technology of the Dulevo D3 provides an environmentally friendly machine.



ENVIRONMENT

Reduced environmental impact

Low sound power

Less than 100 db thanks to Load Sensing.

Low fuel consumption

Electronic transmission and high sweeping speed.

Low engine emissions

The engines comply with the latest European and non-European emission regulations.



Low fine dust emissions

EN15429 certified filtration system. Possibility of fitting a filter with PTFE membrane to increase performance.

Reduced water consumption

The mechanical suction system allows the machine to work, drastically reducing water consumption.





PRODUCTIVITY

Efficiency and low consumption

Dulevo is targeting the heavy industry market, the mining sector and at the same time public administrations with its patented mechanical-suction-filtering system that reduces cleaning costs and time.

PRODUCTIVITY

Mechanical-suction-filtering system

Savings in water consumption

The limited use of water, or lack of use, makes it possible to drastically reduce or even exclude the H₂O replenishment time required in conventional systems for PM 10 & 2.5 and dust abatement (double cost).

Saving time

Three times the sweeping speed of any other machine on the market.

No sweeping limit

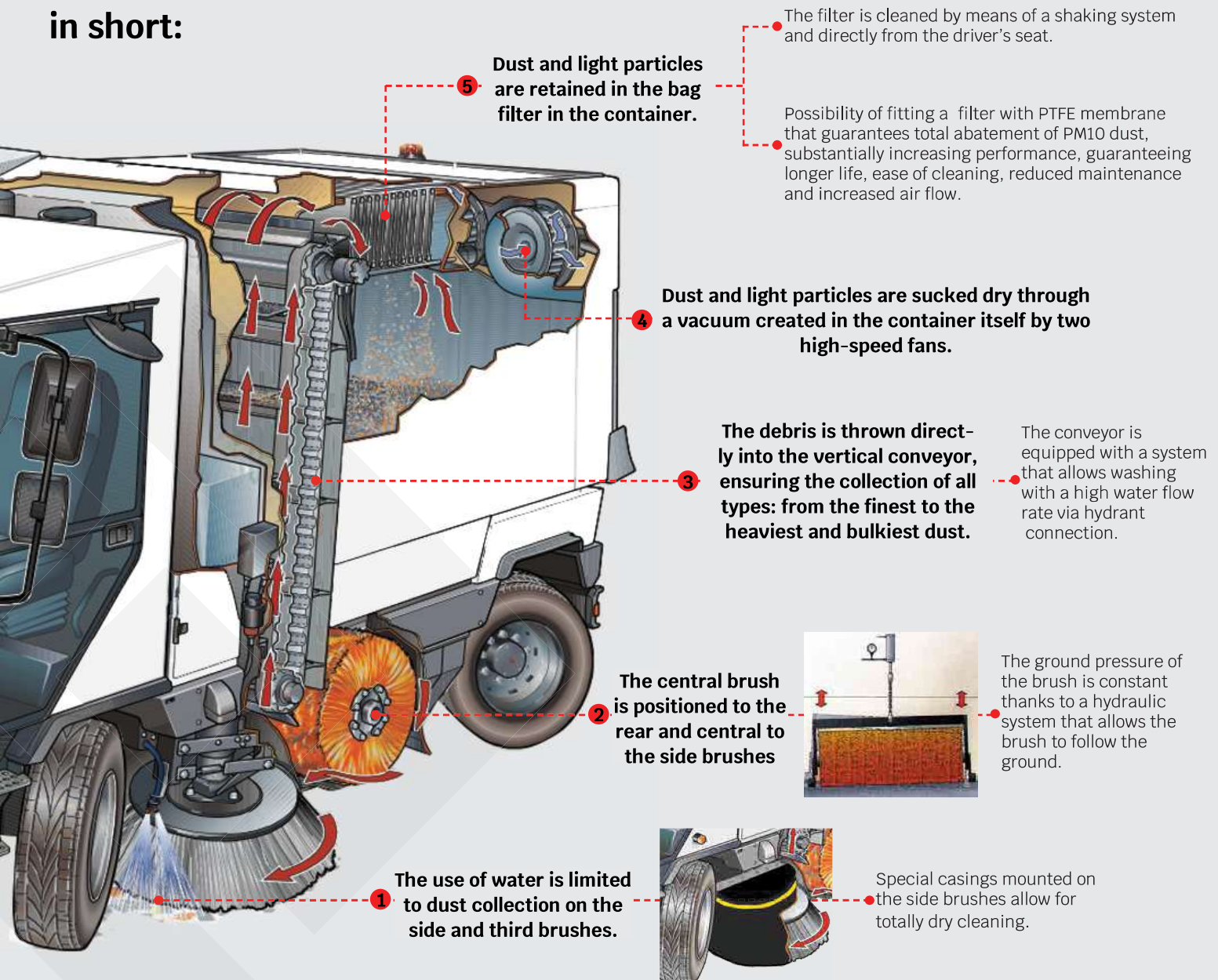
Possibility of collecting light, heavy and even bulky material.

12 months of use

12 months of useability to sweep even without using water makes it possible to also work with low outdoor temperatures.



in short:



TECHNOLOGY 4.0

Innovation and cutting-edge technology

Innovative features for intuitive and
personalized use.



TECHNOLOGY 4.0

Innovation and cutting-edge technology

On board diagnostics

- On Board diagnostics directly from the function display.
- Dulevo Telematic remote telemetry in Standard configuration.

User Friendly Functions

Less time needed to train the operator and the possibility to customize the way the vehicle is used.



Ready for connectivity 4.0 for Smart City

Predisposition for passive and active interface that will allow the development and future implementation in the 4.0 system.

Can Bus

In / Out communication system of the sweeping and motor functions on CAN-BUS protocol.



QUALITY OF LIFE ON BOARD

Designed for the operator's well-being

An intuitive sweeper, easy to drive
and comfortable even after many
hours of work.



QUALITY OF LIFE ON BOARD

Designed for the operator's well-being

Comfort in the cabin

- Equipped with two comfortable seats for the operator and the passenger, adjustable and dampened.
- Manual A/C system with controls positioned on the central dashboard.
- Rear security camera screen positioned in the upper part of the cabin in order to allow maximum control during the sweeping phase.

Less noise in the cabin

Noise level in the cabin Less than 66 db.



Dulevo A.S.T. system

- Easy Start function
- Possibility to select different work programs according to the sweeping conditions: ECO, Normal, Boost.

Standby function

Possibility during the work phases to exit the set work mode and resume it later by pressing the Standby key.

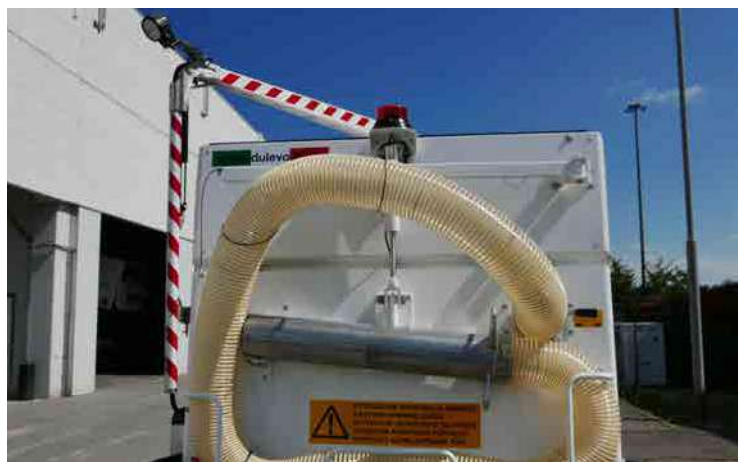


Application

The variety of options offered allows the Dulevo D3 operational spectrum to be expanded anywhere, anytime.

The large front brush with full 180-degree movement is an indispensable auxiliary tool for sweeping corners and gutters and increasing the working surface.

The hopper lift system allows waste materials to be dumped into the appropriate containers, onto trucks or into large waste compactors.



SUGGESTED CONFIGURATION*

Our experience has led us to develop configurations that suit different cleaning areas, types of dirt to be cleaned, and general customer needs.



Municipal Equipment

Suggested configuration for municipal and urban centers

- Filter with PTFE membrane
- 180° Right hand/Left hand front extendable brush unit
- Water sprinkling system for side brushes
- Water sprinkling extension for front extendable brush unit
- Air cushioning heated seat (only driver's side)
- Suction system without hose
- Suction system without hose Ø 150 mm Lunghezza 4,5 mt
- Centralized manual greasing system without pump
- Radio with USB and Bluetooth



Airport Equipment

Suggested configuration for airports

- 180° Right hand/Left hand front extendable brush unit
- Water sprinkling system for side brushes
- Water sprinkling extension for right hand front extendable brush unit
- High pressure washing system with gun and reel 433 In hose
- Suction system without hose
- Suction system without hose Ø 150 mm Lunghezza 4,5 mt
- Centralized manual greasing system without pump
- Rear magnetic bar
- Customized painting (no chassis)
- Reflecting stripes
- PPL side brushes



Cement Equipment

Suggested configuration for cement, ceramic sector or where water cannot be used

- Side brushes casings (reduced sweeping width)
- Suction system without hose
- Hose Ø 150 mm Lunghezza 4,5 mt
- High density PPL central brush with MOPLIN core disposable
- Centralized manual greasing system without pump
- Filter with PTFE membrane

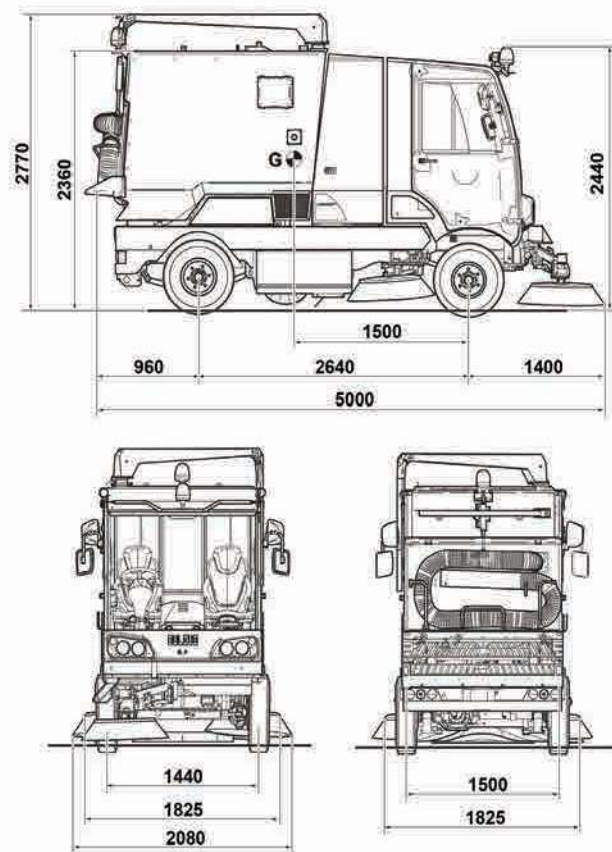


Heavy industry Equipment

Suggested configuration for heavy industry or the metallurgical sector

- Hydraulic dumping up to 2400 mm
- Water sprinkling system for side brushes
- Suction system without
- Hose Ø 150 mm Lunghezza 4,5 mt
- Centralized manual greasing system without pump
- High density PPL central brush with MOPLIN core disposable
- Pneumatic tyres with foam
- Filter with PTFE membrane
- Supplementary Vortex pre-filter for endothermic engine

*Some pictures and equipment may show optional extras that are not available in all markets. For information ask your nearest dealer: www.dulevo.com or info@dulevo.com



Technical data

D3

Sweeping width		
- With central brush	mm	1.300
- With central brush and side brushes	mm	2.150
- With central, side brushes and third brush	mm	3.200
Container volume	m ³	3,3
Dumping height (OPT.)	mm	1.570 (1.730)
Seats in the cabin	n°	2
Cleaning performance	m ² /h	90.000
Maximum speed	Km/h	25 - 40
Steering diameter Kerb to Kerb	mm	8.250
PM Certification		PM 2,5/ PM10****
Engine Brand		FCA
- FCA Engine emissions		EURO 6 C
Engine Brand		KOHLER
- KOHLER Engine emissions		Tier 3 Decontent / Stage IIIA Equivalent
Engine Brand		KOHLER
- KOHLER Engine emissions		Tier 4
Fuel		Diesel



Specifications are not binding for our company and subject to change at any time without notice..



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QUALITY, INNOVATION AND RESPECT FOR THE ENVIRONMENT
Dulevo Certifications:

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CERTIFICATION



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QUALITY
SYSTEM
CERTIFICATION



ISO 45001
SAFETY
SYSTEM
CERTIFICATION



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FILTRATION
DUST

