



**DULEVO**  
FAYAT GROUP



**D3**

Street Sweeper





PRODUCTIVITY

# Efficiency and low consumption

It guarantees the highest levels of performance in every context, with lower consumption of water and fuel.



## PRODUCTIVITY

# Productivity

## Mechanical Suction-Filtering System

The combination of the mechanical sweeping system and sweeping by suction, supported by a real dust filter, guarantees maximum performance and maximum versatility.

## Savings in water and fuel consumption

- Water is only used to cut down on dust on the external brushes.
- Possibility to work even in the absence of water and great water savings compared to conventional systems.
- Unrivalled ratio of fuel consumption to swept area.



## High filtration efficiency

Dust filter for constant and effective filtration in all conditions.

## High sweeping performance for high productivity

- Double sweeping speed compared to common technologies.
- Wide Sweeping width.

## Reduction of downtime

The limited use of water or the absence of use, makes it possible to drastically reduce or even exclude the H<sub>2</sub>O refueling times required in conventional systems for PM 10 & 2.5 abatement. For dust suppression (double cost).





TECHNOLOGY 4.0

# Innovation and cutting-edge technology

Innovative features for intuitive and personalized use.





# Technology 4.0

## Can Bus

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

## 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.

## On board diagnostics

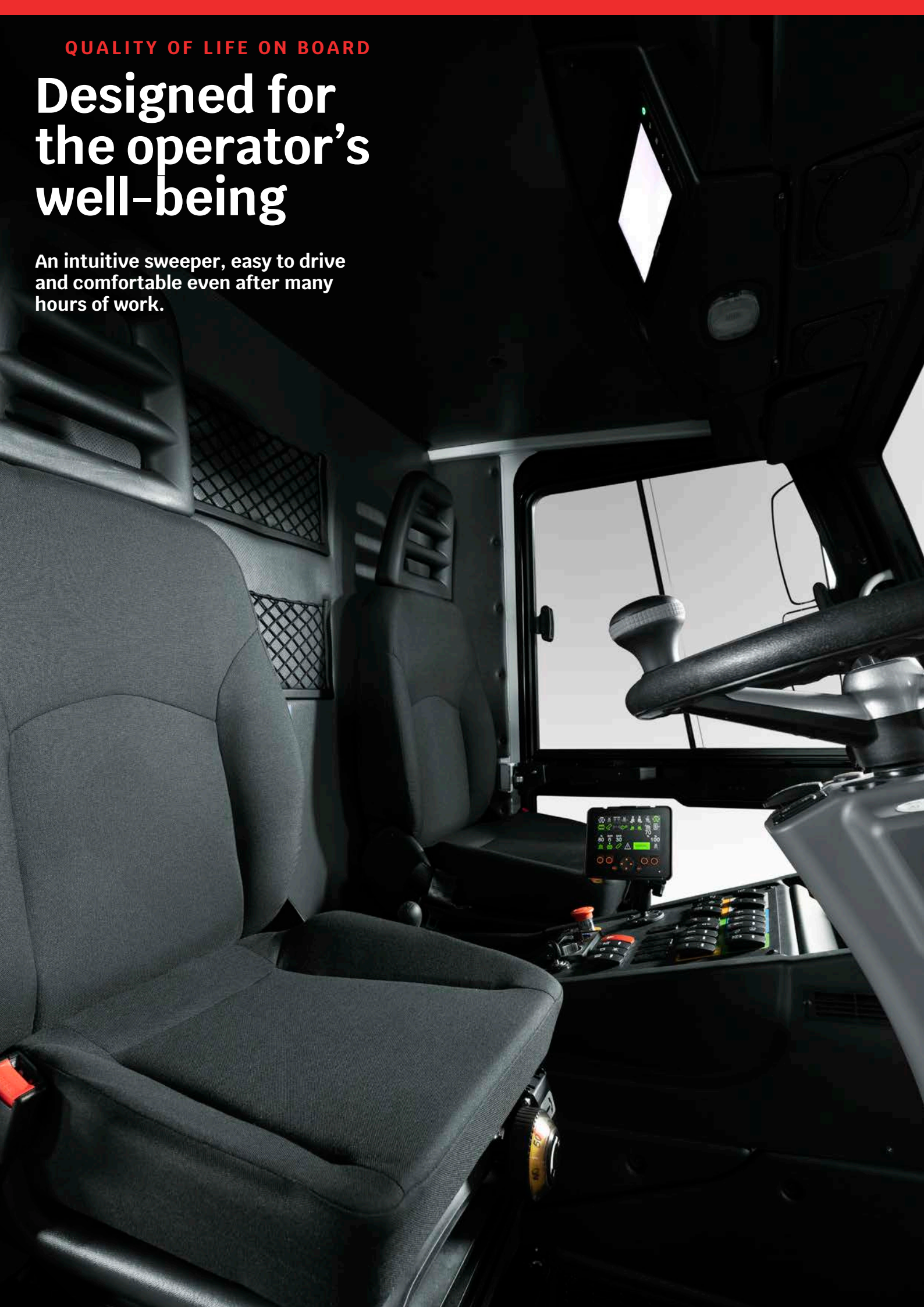
- On Board diagnostics directly from the function display.
- Dulevo Telematic remote telemetry in Standard configuration.



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

## Comfort in the cabin

- Equipped with two comfortable seats for the operator and the passenger, adjustable and amortized.
- 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 AST 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.

## Sanitation

Possibility of sanitization by photocatalytic



# Technical Details





# Technical Details

## Container

- The watertight waste container is made of AISI 304 stainless steel.
- The sweeper is equipped with an inspection hatch and hydraulic hatch opening.
- A Wireless Remote Control is available as an accessory to carry out operations outside the cabin.

## Water system

- Powered by a stainless steel tank external to the container, with loading hose.
- Water level visible externally through the indicator on the side of the tank.
- Horizontally and vertically adjustable nozzles. The nozzles are equipped with a filter to avoid blockages due to impurities in the water.



## Transport

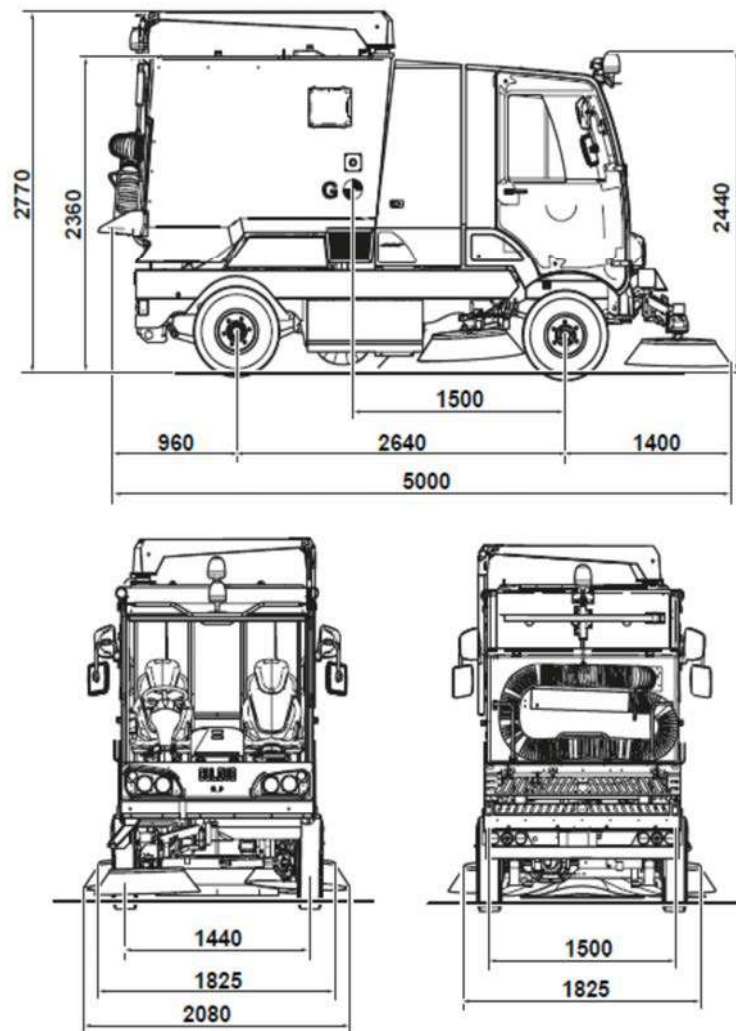
- External part of the conveyor unit in high-strength steel (system invented and patented by Dulevo).
- Conveyor equipped with a system that allows washing with a high water flow through connection to a hydrant. In this way, a perfect cleaning of the belts and vanes from material residues accumulated during sweeping is guaranteed.

## Dust filter and filtration certification

- The filter cleaning, by means of a hydromechanical filter shaker, takes place directly from the cabin by means of a dedicated command.
- The D3 sweeper is certified for the retention of fine dust according to the En15429-3 standard.  
Possibility to mount Gore filters to increase performance.







## Technical data

		D3
Sweeping width		
- With central brush	mm	1300
- With central brush and side brushes	mm	2150
- With central, side brushes and third brush	mm	3200
Container volume	m <sup>3</sup>	3,3
Dumping height (OPT.)	mm	1570 -1730
Seats in the cabin (OPT.)	n°	2
Cleaning performance	m <sup>2</sup> /h	90.000
Maximum speed	Km/h	25 - 40
Steering diameter Kerb to Kerb	mm	8300
PM Certification		PM 2,5/ PM10 <sup>****</sup>
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





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**DULEVO**  
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Dulevo International S.p.A.  
Via Giovannino Guareschi, 1  
43012 Fontanellato (PR) Italia  
Tel: +39-0521-827711  
Fax: +39-0521-827795  
[www.dulevo.com](http://www.dulevo.com)