

6000

Street Sweeper - us



BROUGHT TO YOU BY
Bortek[®]
WE KNOW CLEAN[®]



DULEVO
FAYAT GROUP

TIMELESS QUALITY THROUGH PASSION

ENVIRONMENT

Reduced impact environmental impact

Dulevo's high technology and the latest-generation powered of the Dulevo 6000 result in an environmentally friendly machine.

Reduced water consumption

Dulevo's mechanical vacuum system allows the machine to work while drastically reducing water consumption.



Low emissions of fine dust

EN15429 certified filtration system. Possibility option of mounting filter with PTFE membrane to increase performance.

Low fuel consumption

Electronic transmission and high sweeping speed.





PRODUCTIVITY
**Efficiency and
low consumption**

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

Savings in water consumption

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

12 months of use

The possibility of sweeping without the use of water allows work even in periods of low outside temperatures.

High performance of sweeping for high productivity

Twice the sweeping speed compared to conventional technologies with a wide sweeping track.

Saving time

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

Saving fuel consumption

Unmatched ratio of fuel consumption to swept area.

No sweeping limit

Possibility of collecting light, heavy and even bulky material.



DULEVO'S TECHNOLOGY

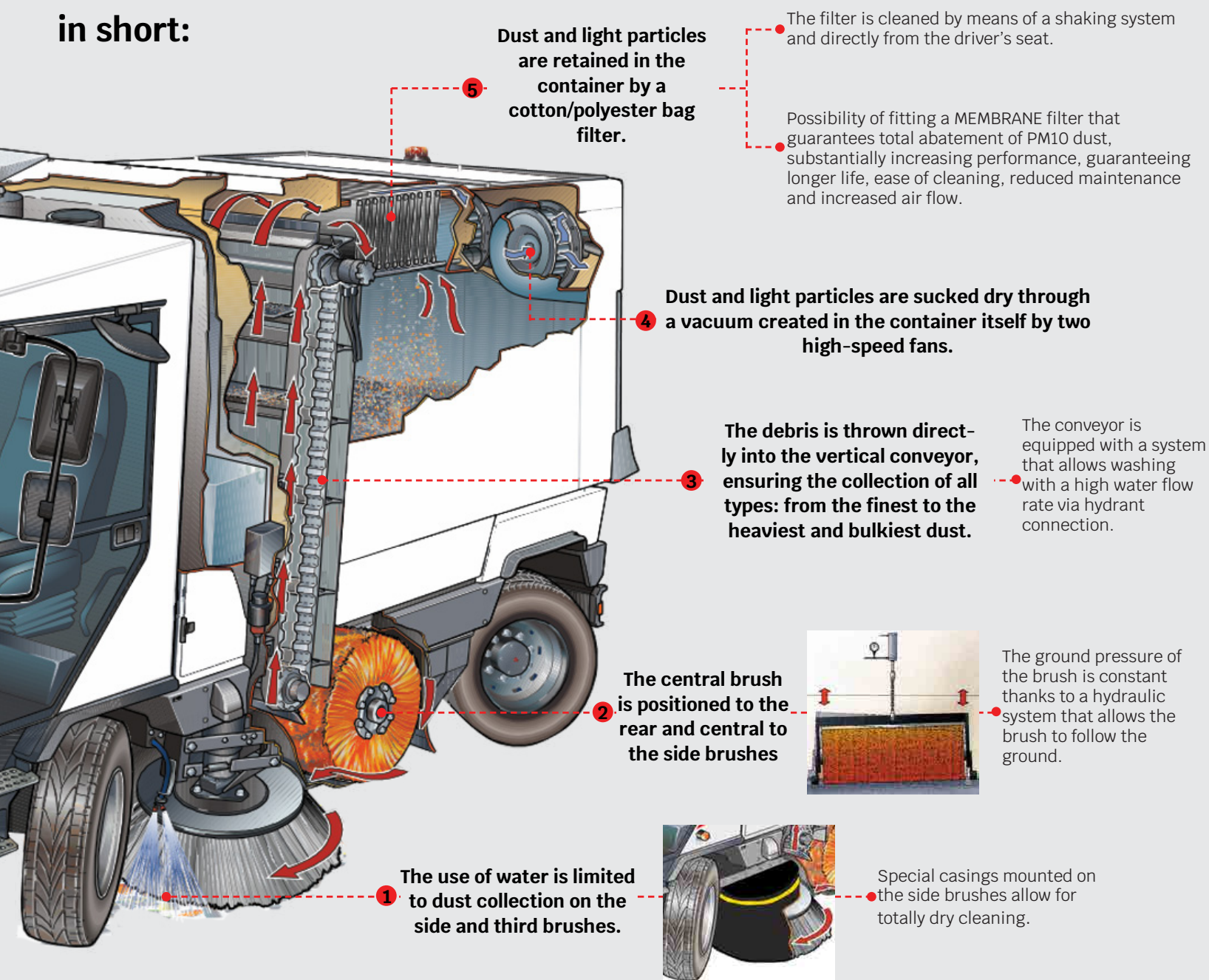
Mechanical-suction-filtering system

Dulevo International targets the heavy industry, mining and at the same time government markets with its patented mechanical-suction filtering technology. The Dulevo system brings benefits to the end user:

- Higher plant cleanliness;
- Up to three times higher cleaning speed than any other sweeper on the market;
- Completely dry sweeping allowing total recovery of collected material;
- Saving of time and money;
- Absolute adherence to modern environmental laws.



in short:



QUALITY OF LIFE ON BOARD

Designed for People

A comfortable and pleasant sweeper to use even after many hours of work.



Pressurization system

The pressurization system by means of filtered air supply maintains a clean and comfortable working environment inside the cabin.



Extremely low noise level

The small size of the powerful intake turbine, in addition to its positioning and appropriate shielding, reduces the noise level of the vehicle to extremely low levels.

Intuitive controls

The controls are displayed on a large glass surface and are simple and intuitive.

Application

Dumping Height -US Market-

For the U.S. market, Dulevo has designed a sweeper specifically to meet U.S. street sweeper standards:

- The dumping height can range from 45.3 in - 1150 mm up to 118.11 in - 3000 mm, making it easier to dump collected debris into a large capacity container.
- Visual signal in the cab achieving maximum payload
- Safety system - Stability control for unloaded to 118In
- Negative parking brake (Hydraulic)
- Heavy duty (Vertical) rear bumpers



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

- Hydraulic dumping up to 90 In
- 180° Right hand/Left hand front extendable brush unit with mirror
- Water sprinkling system for side brushes (Water tank 105,7 Gal)
- Water sprinkling extension for right hand front extendable brush unit
- Suction system without hose
- Ø 5,9 In hose - Length 177 In
- Centralized manual greasing system without pump
- Filter with PTFE membrane
- Radio con USB e Bluetooth



Airport Equipment

Suggested configuration for airports

- Hydraulic dumping up to 90 In
- 180° Right hand/Left hand front extendable brush unit with mirror
- Rubber skid for central brush
- Water sprinkling system for side brushes (Water tank 105,7 Gal)
- 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
- Ø 5,9 In hose - Length 177 In
- Centralized manual greasing system without pump
- Rear magnetic bar
- Customized painting (chassis excluded)
- Reflecting stripes
- PPL side brushes



Cement Equipment

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

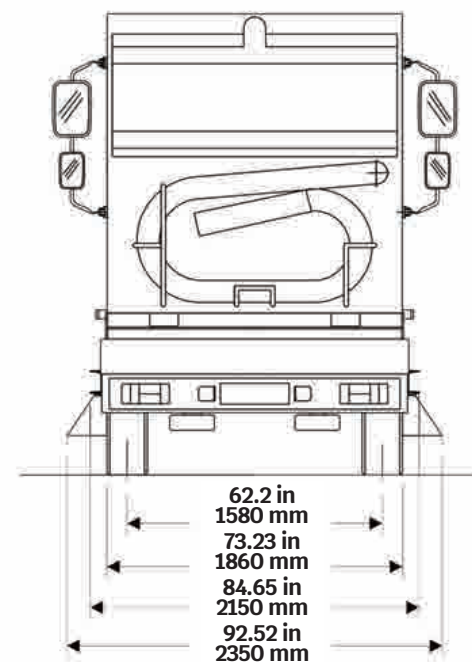
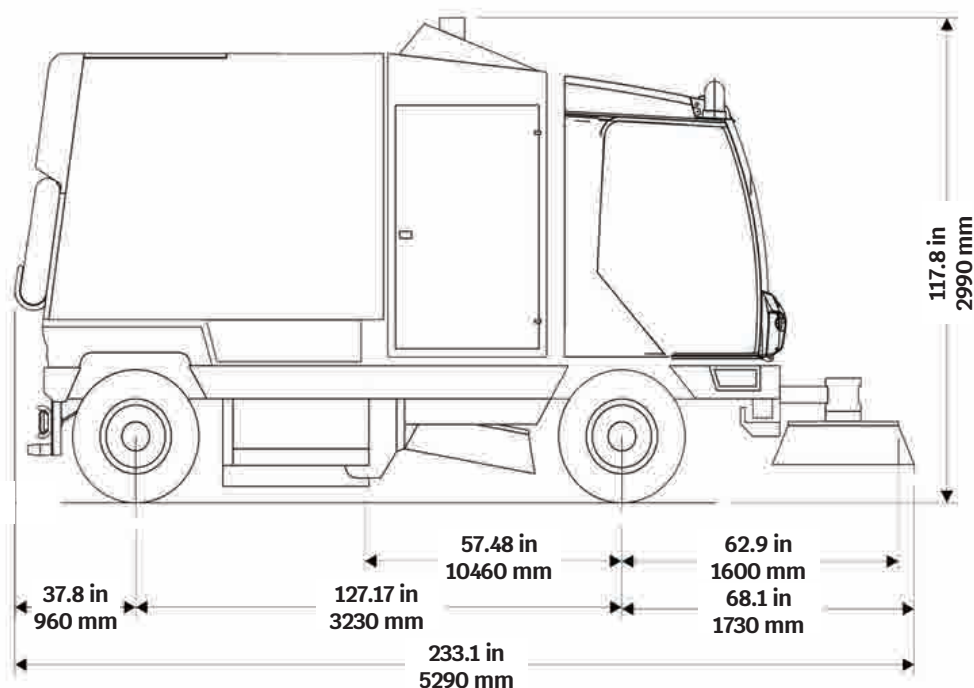
- Side brushes casings (Sweeping width reduced to 88,5 In)
- Suction system without hose
- Ø 5,9 In hose - Length 177 In
- Additional Vortex pre-filter for endothermic engine
- Centralized manual greasing system without pump
- Filter with PTFE membrane



Heavy industry Equipment

Suggested configuration for heavy industry or the metallurgical sector:

- Hydraulic dumping up to 90 In
- Water sprinkling system for side brushes (Water tank 105,7 Gal)
- Suction system without hose
- Ø 5,9 In hose - Length 177 In
- Vortex pre-filter for endothermic engine
- Centralized manual greasing system without pump
- Pneumatic tyres with foam
- Filter with PTFE membrane



Technical data

Sweeping width:

- With central brush
- With central brush and side brushes
- With central, side brushes and 3° brush

Container volume

Dumping height

Dumping height (OPT)

Cleaning performance

Steering diameter -Curb to Curb-

Maximum speed

Seats in the cabin

PM10 & PM2,5 Filtration EN 15429

Engine Brand

Engine emissions

Fuel

6000

6000 High Dump

in 51.2 - mm 1.300

in 102.4 - mm 2.600

in 137.8 - mm 3.500

yd³ 6.1 - m³ 4,68

yd³ 5.2 - 4 m³

in 45.3 - mm 1.150

in 52.8 - mm 1.340

in 94.5 - mm 2.400

in 118.2 - mm 3.000

ft²/h 11298000 - m²/h 105.000

in 31.6 - mm 9.360

mph 20 - Km/h 32,2

n° 2 (3)

EUNITED 4 Star

FPT industrial (Iveco)

TIER 4 Final

DIESEL



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Bortek Industries, Inc. - Authorized Dealer
4713 Gettysburg Road, Mechanicsburg, PA
800.626.7835
www.sweeperland.com

QUALITY, INNOVATION AND RESPECT FOR THE ENVIRONMENT
Dulevo Certifications:

ISO 14001
ENVIRONMENTAL
SYSTEM
CERTIFICATION



ISO 9001
QUALITY
SYSTEM
CERTIFICATION



ISO 45001
SAFETY
SYSTEM
CERTIFICATION



EUnited PM TEST
COLLECTION AND
FILTRATION
DUST



 **DULEVO**
FAYAT GROUP

Dulevo - Fayat Cleantech Americas
725A Imperial Court, Charlotte, NC 28273
www.dulevo.com/us

Dulevo International S.p.A.
Via Giovannino Guareschi, 1
43012 Fontanellato (PR) Italy
Tel: +39-0521-827711
www.dulevo.com

