

HEAVY INDUSTRY LINE

The Dulevo heavy duty sweepers range from robust walk behind sweepers for hard reach areas through to the large capacity 200 and 5000 models shown. Each Dulevo sweeper can be tailored to any customers' specific needs. An investment in any Dulevo will ensure perfect dust control without the use of water. If a clean facility is the desired outcome, look no further than Dulevo: a name you can trust!

MODELS	VERSION	CLEANING PERFORMANCE	INCREASE PRODUCTIVITY
75	Diesel, gasoline and electrical	7200m ² /h	x24
1100	Lpg, gasoline and electrical	11600m ² /h	x38
1300	Diesel and electrical	12000m ² /h	x40
90	Diesel, gasoline /lpg and electrical	14000m ² /h	x47
100	Diesel, lpg and electrical	18000m ² /h	x60
120	Diesel, lpg and electrical	21000m ² /h	x70
200	Diesel	78000m ² /h	x260
5000 Evolution	Diesel	105000m ² /h	x350
5000 Veloce	Diesel	105000m ² /h	x350
5000 Zero	CNG	105000m ² /h	x350



300m²/h



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Commercial cleaning equipment



Industrial cleaning equipment



Street cleaning equipment

Design and Technology
for a cleaner world

A WORLDWIDE COMPANY



HEAVY INDUSTRY AND MINING



200

5000



www.dulevo.com

DULEVO HAS BEEN ALREADY SELECTED BY:

ITALCEMENTI Italy
ASIA CEMENT Thailand
CEMENTIROSSI Italy
CEMENTIR Italy
INGRI BRO. RIVA Italy
THY MARCINELLE Belgium
ALPA France
SAM MONTEREAU France
NIPPON STEEL Japan
GRUPO LAFARGE France
VEDANTA STEEL India
JSU STEEL India

CEMENTOS MOCTEZUMA Mexico
BUZZI UNICEM Italy
GRUPO CIMENTOS MOLINS Spain
SIDERURGICA SEVILIANA Spain
CENIT BEZOUA Spain
DALMIA CEMENT India
HALYPS BUILDING MATERIALS Greece
BLUSCOPE STEEL Australia
RIO TINTO Australia
GRUPO CEMEX Mexico
ALCAN Canada
CORUS STEEL Nederland
JINDAL STEEL India



DULEVO
INTERNATIONAL
Passion for Technology



TECHNICAL DATA:

	200 quattro	5000 evolution	5000 zero	5000 veloce
Sweeping width:				
Central cylindrical brush	mm 1300	1300	1300	1300
With left and right brushes	mm 2100	2600	2600	2600
With side brushes casings	mm 2100	2250	2250	2250
With front extendable brush	mm 2600	3500	3500	3500

Waste hopper volume	m ³ 2,5	5	4	5
Hydraulic dumping up	mm 500	1150	1150	1150
High Hydraulic dumping (OPT)	mm 1600	2200	2200	2200
Steering radius	mm 4000	4750	4750	6600
Maximum speed	Km/h 30	42	42	70
Total weight	Kg 6000	12900	12900	12160
Payload	Kg 2000	5100	*300	4100
Weight	Kg 3980	7800	8600	8000

Engine:	VM DIESEL	IVECO	IVECO NEF N60	IVECO AIFO
Manufacturer	83 C/3	F4HE948A*J1	ENT G F4BE0641A*G	F4AE0681D*CL1
Type	Diesel	Diesel	CNG	Diesel
Maximum power	Kw 59 at 2600 RPM	107 at 2000 RPM	147 at 2700 RPM	160 at 2700 RPM
Fuel	Diesel	Diesel	CNG	Diesel

Dimensions:				
with 3rd brush and suction hose:	L mm	4730	5920	5920
	W mm	2040	2350	2350
	H mm	2550	2870	3050

without 3rd brush and suction hose:	L mm	3970	5190	5190
	W mm	2040	2350	2300
	H mm	2550	2870	3050



With more than 30 years of proven experience in the mining and heavy industry field, Dulevo continues to be at the forefront of dust control technology. Dulevo has taken dust control to a new level with its association with GORE® filters (the world's most proven dust filter media company). Combined, Dulevo and GORE® are able to guarantee PM 10 dust compliance, a must for modern environmental compliance.

COMFORT

The drivers cab on the Dulevo sweepers has been designed with large glass surfaces both in the front and on the side doors to provide the operator with the widest possible visibility. The driver's cab is ergonomically designed using the latest cad cam design ensuring total comfort for the operator. Standard features include two type approved seats for operators, adjustable hydraulic power steering and newly designed control panel to ensure ease of usage and maximum comfort during long work cycle.

THIRD SWINGING FRONT BRUSH (OPT)

An optional third front brush is hydraulically controlled in all its functions directly from the operator's seat. A manipulator positioned on the door allows the operator to perform four essential movements for optimal brush use: lifting, lowering, right side shift and left side shift; the third swinging side brush allows the Dulevo 200 and 5000 sweeper to access hard to reach areas assuring the end user of a clean facility.

DULEVO'S BENEFITS

Dulevo International appeals to the heavy industry market as well as mining sector as the only proven manufacturer of a dry sweeping system, thanks to its patented mechanical-suction collection system. Dulevo's system benefits the end user by:

- Achieving a higher standard of plant cleanliness
- Up to three times higher speed cleaning compared to any other sweeper on the market
- A completely dry sweeping which permits a total reclaim of the picked up material
- Saving huge sums of time and money in labour costs
- Absolute adherence to modern environmental laws

MAIN BRUSH

The central cylinder-shaped brush is positioned in the rear and centrally with respect to the side brushes. Since it throws the waste materials directly onto the vertical conveyor, this system allows every kind of materials to be collected, from the finest dust to the most heavy and bulky objects. The central brush is perfectly balanced, so as to allow for a tilting that provides perfect brush adherence to the ground in every environment. The brush is pressed onto the ground through a long-tested hydraulic system that follows ground humps and keeps pressure at constant levels. The system can be adjusted from the operator's seat, which is equipped with a pressure gauge used both to deal with the progressive wear of the brush and meet several different working conditions.

MECHANICAL COLLECTION SYSTEM

Dulevo's combined collection system assigns the task of collecting "dry" materials to the suction phase. In fact, the volatile dusts and light particles raised by the central cylindrical brush are sucked in through a depression created in the tank itself by two hydraulically-controlled high-speed valves and then retained in the bag filter located in the tank. The suction pressure is also created on both side brushes by the use of casings. The filtering system also includes a filter shaking system that can be directly operated from the operator's seat. The system is hydraulically controlled before the discharge phase and vigorously shakes the filter, thus ensuring dust detachment inside the waste tank and reducing regular cleaning requirements.

