

MOVABLE BOARD

The loading inlet is protected by a movable board. During the waste loading operation, the movable board has also the function to greatly increase the volume of the inlet loading area by raising the overflow border and avoiding the waste falling during the bins tilting.

MANUAL LOADING

The waste compactor 5000 COMPATTO in addition to the undifferentiated refuse collection, can be used with success for the collection of different materials such as:

-Organic refuse collection. Especially thanks to the particular sewage system. The waste hopper is a unique body able to keep more than 1700 litres of liquid. -Plastic and paper collection The most important characteristic for this kind of collection is the compaction force.

-Cardboard collection. For the cardboard and paper collection, it is important to have a very large hopper where to keep the materials from the bins: the loading inlet of the 5000 COMPATTO, of more than 2 m3 is ideal for this kind of collection.

-Multi-material collection. It is essential not to break the glass objects in order to facilitate the next phase of separation of this material from the others (plastics and cans). The 5000 COMPATTO can be equipped with a pressure control system limiting the refuse compaction in order to avoid the breaking of the loaded glass objects.



5000 COMPATTO

New Tradition



Commercial cleaning equipment



Industrial cleaning equipment



Street cleaning equipment

Design and Technology for a cleaner world



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DIFFERENTIATED REFUSE COLLECTION

Blocking the mobile board parallel to the ground, it is possible and simple to make the waste collection manually. Blocked in this position, the mobile board has also the function to keep people away from the compaction blade assuring a security working area to the operator. Two great advantages obtained:

- To low the loading inlet border to facilitate the manual waste collection
- Thanks to the fact that the blade can go on working automatically, the loading speed increases (in accordance to the 1501/01 rules).

BIN TILTER DEVICE

The DULEVO INTERNATIONAL universal bin tilter device (AVC) permits to collect the bin, to unload the contents inside the hopper and then to reposition the bin. The device can move bins from 660 up to 1700 liters with DIN and Bologna connections (or others), with different covers (up-and-over, unique level 2/3 + 1/3, etc.) and also two bins from 120 up to 360 liters with comb connection or single bin from 600 up to 1000 with comb connection.

The bin tilter device is moved by an electric panel put on the right back side of the machine: this position gives a clear visibility of the working area and great security to the operator.



DULEVO

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Passion for Technology



5000 Compatto Eu4

The waste compactor model 5000 COMPATTO, on Dulevo dedicated chassis, has been conceived for the following functions:

- load and waste compression;
- lifting/emptying bins device;
- quickly emptying of the waste hopper.

And not only: the unit has been designed and produced to offer the following unique peculiarities:

• **To work in the historical centres where a normal waste compactor cannot even enter**
 Its limited dimensions and the four-wheel steering system, with a turning diameter <9 m (CUNA) make this machine unique in this category thanks to its manoeuvrability easily usable also in town centres.

• **High loading capacity in spite of very small dimensions**
 A medium-sized machine but with a waste hopper capacity of 10m³ and a payload of 5000 Kg.

• **Unloading into other machines**
 The special shape allows to use the 5000 COMPATTO as a satellite unit to unload waste material inside bigger compactors. The special hopper shape, with adjustable height, permits to unload into other compactors without the use of mechanical or oleodynamic devices. Height can be adjusted by means of hydraulic suspensions.

• **Usable by only one person**
 All main functions are carried out by a removable console which can be used both inside the cabin and outside standing on the sides of the unit. Very simple and perceptive controls. The low cabin (only 30 cm from ground level) permits to go on board and come down frequently without any fatigue for the operator.

WASTE HOPPER

The model 5000 COMPATTO, installed on the DULEVO 5000 chassis, permits to load and compact waste inside its own hopper. Waste discharge can be made in dumping grounds or inside bigger compactors. The waste compactor has been conceived and built with a particular structure to support very high compression loading without any deformation.

Technical data	5000 COMPATTO	
Waste hopper capacity	m ³	10
Payload	Kg	5200
Compact ratio		5:1
Maximum speed	Km/h	42
Turning radius	m	<9 (rif. CUNA)
Front wheel suspension		Parabolic leaf spring
Back wheel suspension		Hydraulic variable height
Engine:		
Manufacturer and Model		IVECO F4HE9484A*J
Cylinders	N°	4
Maximum power	kW	107 @ 2000 rpm
Cooling system		Liquid
Wheel base	mm	3230
Weight	Kg	7600
Length	mm	6720
Width	mm	2200
Entry door height	mm	1600
Internal cabin height	mm	1800
Height	mm	3230

DIMENSIONI

COMPACTION UNIT

The compaction blade consists of a slide running in lateral guidances and of a bucket hinged on the same (monoblade system). The waste compaction is made within the blade and the counterthrust plate. This plate is moved by a unique central double-acting cylinder which, during the loading phase, makes the plate go back through "controlled movements", by opposing to the blade force enough to get a very high and constant waste compaction (special achievement by DULEVO INTERNATIONAL s.p.a). The ejection plate runs on a unique guidance and is moved by a cylinder. This gives great liberty of movement to the plate by avoiding any structure deformation. The whole space is well used during compaction, since with no interference between the blade and the tilted hopper, the compaction cycle can proceed automatically, with no need of synchronization with the bins device.

SEWAGE CONTROL

The sewage control is guaranteed by the waste floor shape which presents a constant curvature raising the back side. This production concept permits to collect up to 1700 litres of sewage.

COMFORT AND FUNCTIONALITY

The cabin, with large surfaces, has been conceived for frequent up and down by the operator. The great internal dimensions (internal height 1800 mm), the door width (height 1600 mm) and the entrance step near to the ground, make it easy to get in and out without bending. The cabin has two homologated seats with the possibility to add the third one.

GREAT MANOEUVRABILITY

The exclusive four-wheel steering system reduces the turning diameter and permits to use the machine in very reduced spaces. The hydraulic suspensions adjustable by the operator from the cabin permit to optimise the machine control both while working and while moving, also allowing the perfect coupling with other compactors and machines.

