



# DUST COMPACTOR



DUST-O-PACTOR  
DUST COMPACTOR  
WITH CLOSED  
FILTER BAG  
VENTING



DUST  
COMPACTOR WITH  
CYCLONE VENTING  
(NO FILTER BAGS)



DUST-FLEX MAXI/JUMBO - FLEXIBLE DUST  
COMPACTOR WITH A SMALL SILO. TO BE  
FILLED MANUALLY - NO CONVEYING BY AIR.  
AVAILABLE WITH WHEELS OR LEGS.



DUST-O-PACTOR  
DUST COMPACTOR  
WITH CLOSED  
FILTER BAG  
VENTING  
  
(WITH DOUBLE  
VENTING  
CAPACITY)



CYCLONE VENTING  
WITH DUST CON-  
VEYOR BLOWER  
(NO COMPACTOR)



MAXI DUST  
COMPACTOR WITH  
FILTER BAGS  
(VENTING) AND SMALL  
STORAGE SILO

## EPS / EPP / EPE / ARCEL / NEOPOR



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- The KBM dust compactors offer many advantages to the production in terms of **easy handling of dust** from EPS/EPP/EPE, Arcel, or Neopor.
- The KBM dust compactor is used to reduce the volume of dust 20-30 times.
- The KBM dust compactor reduces the costs of the dust disposal.
- The KBM dust compactor improves the surroundings of the dust handling location in the production. Compared to using plastic bags for collection, no dust is flying around since there are no change of bags.
- The basic dust compactor is available in four different sizes: The MINI, the MAXI, the JUMBO and the GIGANT.
- The basic KBM dust compactor can be equipped for multiple application:
- As part of a recycling system where the machine is used as a combined air venting unit and dust compactor. It will be equipped with a small storage silo with venting bags or with a cyclone for the KBM closed air circuit system, which reduces maintenance of venting bags to almost nothing.
- As part of a recycling system which is placed under a larger dust collection silo from a recycling system.
- It can be placed underneath a large silo where dust is collected from milling.
- Used as a separate mobile compactor unit (Dust-Flex)
- The dust is collected in the part just above the compactor and is **compacted into a rod** with a density of 150-300 Kg/m<sup>3</sup> (9-18 lbs/ft<sup>3</sup>).
- The KBM dust compactor can be used in a large number of ways and be combined with any production line where dust occurs.
- The dust compactors are also parts of KBM's large program of recycling plants and equipment for the EPS/EPP/EPE/ARCEL/NEOPOR foam industries.
- Please do not hesitate to contact us for a discussion about how the dust compactors can be combined with your existing production line.

**Technical Data:**

**Capacity/hour EPS:**  
(measured with EPS dust)

<b>MINI dust compactor:</b>	<b>0.75-1 m<sup>3</sup> (25-35 ft<sup>3</sup>)</b>
<b>MAXI dust compactor:</b>	<b>1-1.5 m<sup>3</sup> (35-50 ft<sup>3</sup>)</b>
<b>JUMBO dust compactor:</b>	<b>1.5-3 m<sup>3</sup> (50-100 ft<sup>3</sup>)</b>
<b>GIGANT dust compactor:</b>	<b>9-14 m<sup>3</sup> (315-490 ft<sup>3</sup>)</b>

(Experienced with EPS dust from a KBM recycling system.)

Capacity measured in weight is depending on the volume capacity given above.

**Dimension of the compacted material:**

MINI dust compactor:	100x100mm (4"x4")
MAXI dust compactor:	100x100mm (4"x4")
JUMBO dust compactor:	150x150mm (6"x6")
GIGANT dust compactor:	270x270mm (11"x11")

**Space required** (most installations) **ca. 2-5 m<sup>2</sup> (20-50 Ft<sup>2</sup>)**

**Measurements:**

**L x W x H**

MINI with venting bags:	1.5x0.5x5.1 m (59x20x201")
MAXI with venting bags:	1.5x1.0x5.1 m (59x40x201")
MAXI with cyclone venting:	1.2x1.2x4.8 (48x48x189")
JUMBO with cyclone venting:	1.2x1.2x5.4 (48x48x213")
DUST-FLEX MAXI:	1.3x0.6x1.3 (51x24x51")
DUST-FLEX JUMBO:	1.9x0.6x1.3 (75x24x51")

**Pipe connections:**

MINI or MAXI dust compactors	160 mm (6")
JUMBO dust compactors	200 mm (8")

**Electrical load:**

**EPS**

**EPP**

MINI dust compactor:	1.5 Kw	1.5 Kw
MAXI dust compactor:	2.2 Kw	2.2 Kw
JUMBO dust compactor:	4.0 Kw	4.0 Kw
GIGANT dust compactor:	7.5 Kw	7.5 Kw

Voltage: 3x400V/50Hz, 3x480V/60Hz or other voltages.

**SUBJECT TO ALTERATIONS**

