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# KBM PRE-CRUSHERS

EPS / EPP / EPE / ARCEL / NEOPOR

StyroCrusher MAXI XL 1400x560mm



Pre-crushers for high density materials available too.

MAXI 1400x600mm



JUMBO 1800x800mm



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The purpose of our pre-crushers is to crush EPS or EPP scrap to a size of about 25-75 mm (1-3 inches). After crushing it can be recycled using a KBM recycling plant. (See our special leaflets on MICRO, MINI, MAXI and JUMBO recycling systems).

KBM offers three separate pre-crushers with or without a heavy parts separator. All pre-crushers are designed with slowly rotating breaker arms to create a minimum of dust.

The StyroCrusher MAXI XL is a low-price large pre-crusher. Ideal as a satellite-crusher placed in different locations of the plant or as a crusher for large parts for small recycling systems.

The MAXI pre-crusher accepts all kinds of shape- and block materials and is sufficient for most shape- and block moulders.

The JUMBO is designed for pre crushing very large quantities of scrap and/or very large shape or block parts.

MAXI and JUMBO hoppers are sound insulated.

From all the pre-crushers the material can be conveyed by a blower to a KBM recycling system or go into a storage silo.

The MAXI and JUMBO pre-crushers are designed to separate and collect metal parts, stones and other very heavy parts which may be introduced in the hopper. These heavy parts are collected in the bottom of the machine and can be removed through an easy to enter opening.

Further, to also collect parts of wood, plastic and other parts before they reach the blower, we suggest our heavy particle separator, which is placed between the pre-crusher and the blower for pre-crushed material.

**Technical Data:**

Specifications for all pre-crushers are given by running EPS.	StyroCrusher MAXI XL 1400x560 mm (4'8" x 1'10")	MAXI Pre-crusher 1400x600 mm (4'8" x 2'0")	JUMBO Pre-crusher 1800x800 mm (5'11" x 2'8")
Hopper Opening			
Length Width	1400mm / 4'8" 560mm / 1'10"	1400mm / 4'8" 600mm / 2'	1800mm / 5'11" 800mm / 2'8"
Measurements			
Length <sup>1</sup>	2,4m / 7'10"	1,9m / 6'3"	2,4m / 7'11"
Width <sup>1</sup>	0,9m / 3'0"	0,8m / 2'8"	1,1m / 3'7"
Height <sup>1</sup>	1,6m / 5'3"	1,8m / 5'11"	1,8m / 5'11"
Electrical load (kW)			
Pre-crusher	5,5	6,2 <sup>2</sup>	11,2 <sup>2</sup>
Blower	2,2	2,2	5,5
Capacity pr. hour (of EPS)			
Capacity of pre-crushed material m <sup>3</sup> /hour (ft <sup>3</sup> /hour)	10-12 (350 - 420)	25-30 (880 - 1060)	60-100 (2100 - 3500)
<sup>1</sup> Measurements without blower.			
<sup>2</sup> Incl. built-in conveyor screw under pre-crusher.			

SUBJECT TO ALTERATIONS

