

PM

High Speed Precision Pulverizers



ZERMA

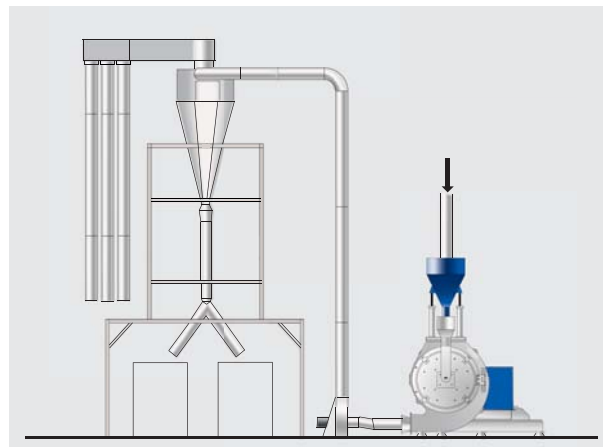


Precision Grinders

The ZERMA PM series of compact pulverizers are high speed, precision grinders for the processing of medium hard, impact resistant and friable materials. Typical applications are the pulverizing of plastic profile, tube, sheet, edge trim materials, film waste and also products from the food, chemical and pharmaceutical industry. The material to be pulverized is introduced through the centre of a vertical fixed grinding disc which is mounted concentrically with an identical high speed rotating disc. Centrifugal force carries the material through the grinding area and the resultant powder is collected with a blower and cyclone system.

The ZERMA PM range have several technical advantages which ensure ideal performance and operation.

- Lower dwell time in pulverizer
- Easy pulverizer disc replacement
- Economically priced/cost effective
- Compact design



High Speed Precision Pulverizers: PM range



Pulverizer Type PM 800



Pulverizing system including PM 500, screening machine & suction system

One-piece grinding disc

The one piece design - concentric disc - ensures lower regrind costs. The installation and setting of the disc is fast and simple.

New bearing technology

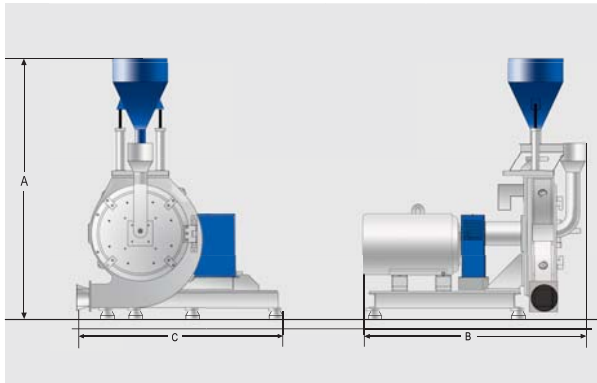
The single drive system operating at high speed and high power has a special bearing arrangement to ensure prolonged production times between bearing service.

Easy adjustment

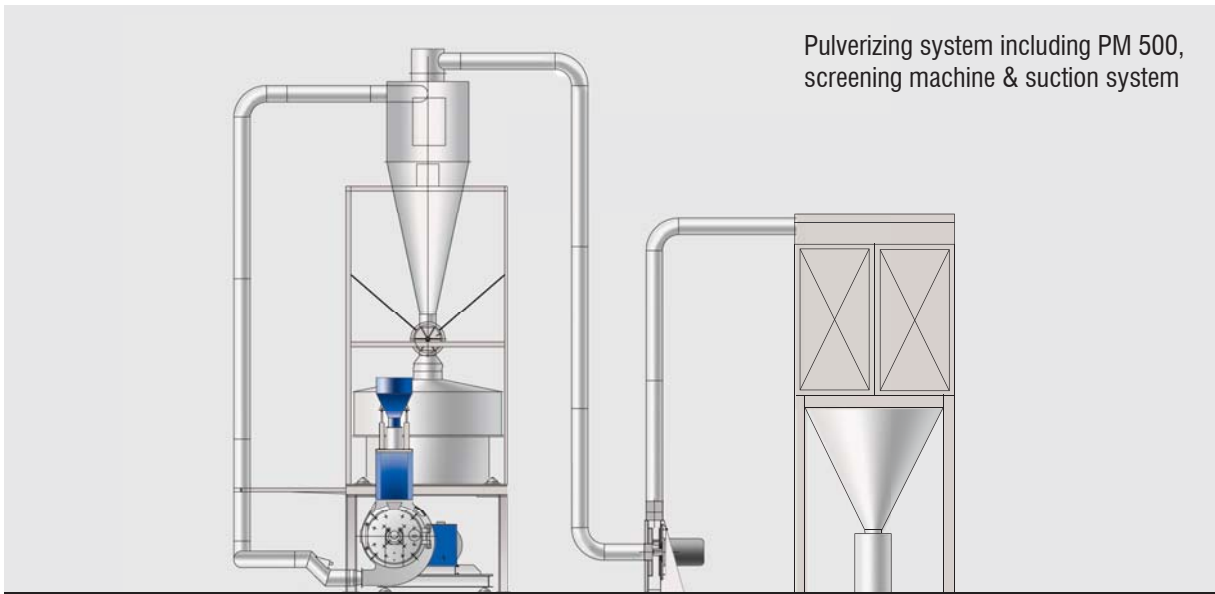
The gap between the grinding disc can be easily adjusted to give accurate setting for the required fineness and consistency of product. The system can produce powder sizes to below 500 microns and depending on the product without the requirement for a screener.

Well thought-out housing design

The design of the machine with small chamber cross section and discs of near flat design, mounted vertically, ensure the infeed material is grasped and reduced immediately on entering the grinding chamber. The controlled feed eliminates material surge consequently no adverse temperature increase hence higher throughputs.



Type PM	300	500	800
Diameter of discs(mm)	300	500	800
Drive Capacity (kW)	22	55	90
Weight approx.(kg)	1200	1900	3200
Throughput approx.(kg/h)	50-500	100-1000	200-1500
Dimensiones:			
A (ca. mm)	1850	2100	2450
B (ca. mm)	1370	1800	2150
C (ca. mm)	1550	1680	1750



Pulverizing system including PM 500, screening machine & suction system

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Please contact your nearest sales office

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