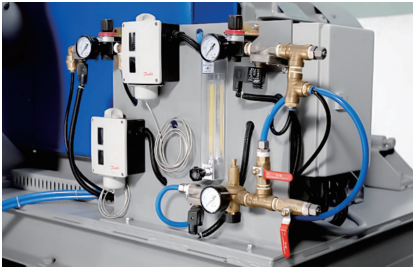


# PM

## High speed precision pulverizer

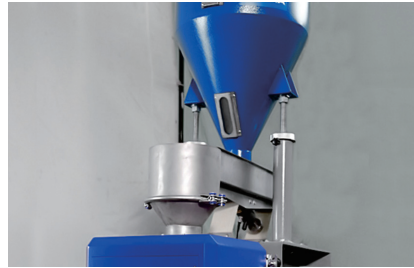


- Easy adjustment of the cutting gap
- Choice of discs or segments
- Low drive power, high throughput
- Efficient machine design
- Wide range of accessories
- Easy temperature control



### Temperature Control

Material temperature is monitored during the process. In automatic cooling systems, the temperature is kept at a defined level.



### Disc Adjustment

The material is fed into the pulverizer by a vibrating dosing unit. The grinding gap can be adjusted externally to suit motor load and material temperature.



### Grinding Tools

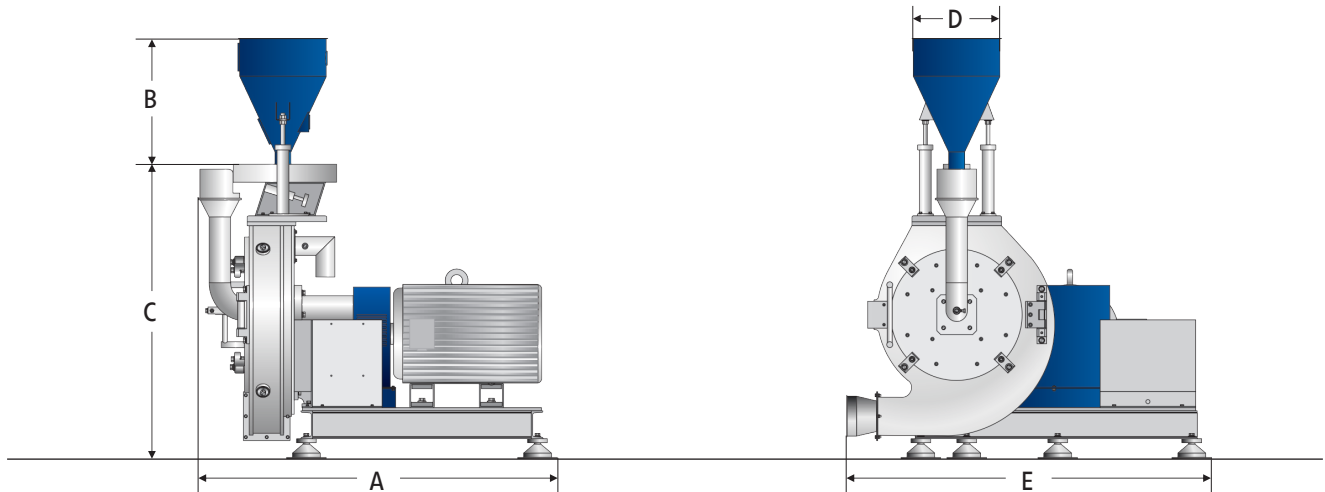
ZERMA pulverizers can be equipped with either one-piece or segmented grinding discs. Both are made from high quality tool steel and can be treated to improve wear resistance.

### Applications

The PM series is designed for the pulverizing of medium hard, impact resistant and brittle materials. Typical applications include PVC regrind from pipe and profile recycling, PE for rotomoulding applications and similar materials requiring fine powder. The pulverized material is often reintroduced into the production process or used as feedstock for further processing.

### General Description

The PM series consists of high speed precision pulverizers available with disc diameters from 300 to 800 mm. The material is fed centrally into the grinding chamber and reduced between a stationary and a high speed rotating disc. Centrifugal force moves the material through the grinding area, while the resulting powder is discharged by blower and cyclone system. Depending on the application, the machines can be equipped with one-piece or segmented grinding discs.



### Technical Specifications

Type	300	500	800
Disc diameter (mm)	300	500	800
Drive capacity (kW)	22	55	90
Weight approx. (kg)	900	1800	2500
Throughput approx. (kg/h)	50 - 250	100 - 500	200 - 800

### Dimensions

Type	300	500	800
A (mm)	1365	1800	2085
B (mm)	640	640	640
C (mm)	1190	1470	1800
D (mm)	435	435	435
E (mm)	1515	1840	1680

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