

# High Speed Pulverizer

The PM series of pulverizers are high speed, precision grinders for the processing of medium hard, impact resistant and easily crumbled materials. Disc pulverizers are available from 300 - 800mm diameter.

Material is introduced through the centre of a vertically fixed grinding disc, mounted concentrically, with an identical high speed rotating disc.

Centrifugal force carries the material through the grinding area and the resulting powder is collected with a blower and cyclone system.

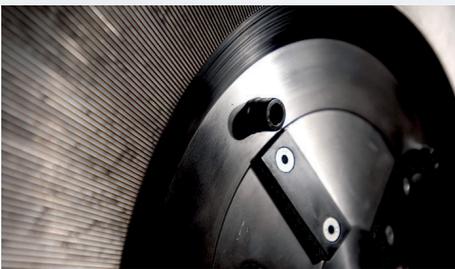
Depending on the application the machines can be equipped with one piece grinding discs or grinding segments.

## Features

- ▶ Simple adjustment of cutting gap
- ▶ Choice of discs or segments
- ▶ Low drive power for high throughput
- ▶ Innovative, efficient design
- ▶ Wide range of accessories
- ▶ Easy temperature control

## Applications

- ▶ PVC re-grind in pipe and profile recycling
- ▶ Inline with a shredder and granulator for in house production waste
- ▶ PE for rotomolding applications
- ▶ Screening machine ensures correct size, distribution and flow properties of material



PM Pulverizers can be equipped with either one piece, or segmented grinding discs. Discs are made from high quality tool steel and can be treated to withstand longer wear.



Material temperature is monitored in the process. An automated cooling system ensures temperature is kept at a defined level.



Material is fed into the pulverizer by a vibrating dosing channel, the feeding rate is automatically adjusted based on the motors amperage and material temperature.



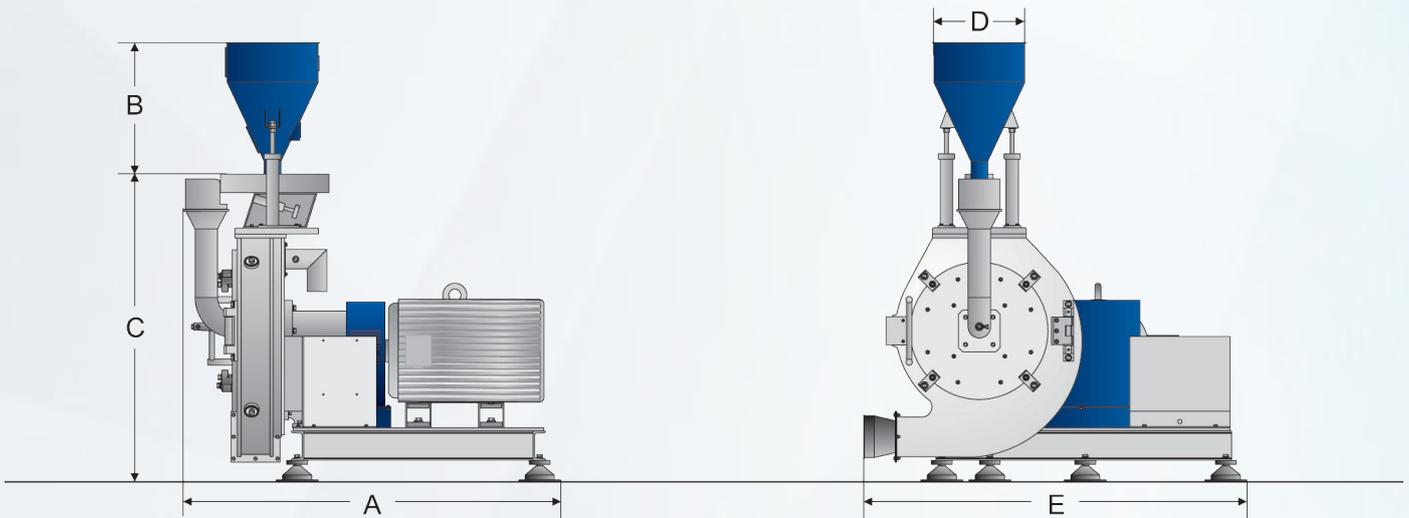
+44 (0) 1827 265 800

info@summitsystems.co.uk

www.summitsystems.co.uk

# High Speed Pulverizer

PM Series	300	500	800
Discs Diameter (mm)	300	500	800
Drive Capacity (kW)	22	55	90
Weight approx (kg)	900	1800	2500
Throughput approx (kg/h)	50 - 500	100 - 1000	200 - 1500
A (mm)	1365	1800	2085
B (mm)	640	640	640
C (mm)	1190	140	1800
D (mm)	435	435	435
E (mm)	1515	1840	1680



## GET IN TOUCH TODAY

We solve the most technically advanced plastics automation problems across all industries.



+44 (0) 1827 265 800

info@summitsystems.co.uk

www.summitsystems.co.uk

April 2023