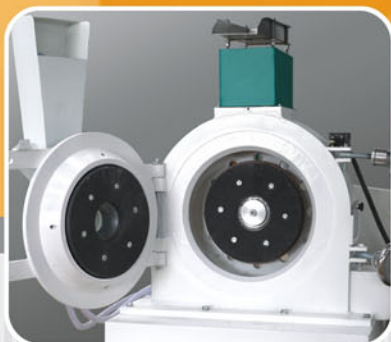


**BETTER** grinding technology  
with  
grinding sense

# PULVERIZER



**i PRIMETECH INDUSTRIES**  
Quality Revolution

## HISTORY

PRIMETECH laid its foundation in 1991 with a strong vision of becoming a world class leader only by delivering the ultimate quality products around the globe.

Primetech has come long way, right from when it developed inter-rogative solutions to exclusive problems based on analogue outputs to present, where it has established and maintained its status as leading producers of plastic processing equipments in india and have also started to make their present felt in the global market.

Primetech maintains a cutting-edge by efficient R & D division to meet specialized technological challenges. Total quality Management systems relentlessly work towards achieving zero defect and failure free performance, leading to superior at remarkable competitive rates.

Primetech a worldwide reputation as an innovative producer of machinery for the industry has modern manufacturing facility in Ahmedabad, Gujarat with the developments that define the market of tomorrow.

## APPLICATIONS :

LLDPE for Rotomoulding P.V.C., HDPE, PS, SILICON RUBBER, PET, AUTOMOBILE Tyres recycling plants, EVA/RUBBER/PU Blended sandals Industries, MASTERBATCH manufacturing and various thermoplastic material.

## PRIMETECH PULVERIZER

We make our know-how in mixing technology, Material conveying and size reduction available to the customer with help of goal oriented dynamic employees and close co-operation with customer specialists allow us to develop leading edge technology.

22 years of tradition and innovation in machine building is our base. "100% Utilization of Plastics" has been our vision. PRIMETECH has continuously set new standards and developed new concepts. Machines manufactured by us are well known for their high performance and quality worldwide. Increasing Product Qualities and increased percentage of recycled material require new preparation concepts. The constant price struggle for many products requires more economical solutions. Perpetual changes and shortened development cycles are essential to maintain leadership in the field.

### Why

### Primetech pulverizer?



### High Speed Precision Pulverizers : PP range

The PRIMETECH PP series of compact pulverizers are high speed, precision grinders for the processing of medium hard, impact resistant and brittle materials. Typical applications are the pulverizing of granulates from plastic profiles, tubes, sheets, 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 PRIMETECH PP series have several technical advantages which ensure ideal performance and operation.

### Salient Features

- Low power consumption with high output.
- Economical production cost with consistence output quality
- Low maintenance
- Minimum man power
- Grinding disk made from graded alloy steel with wear resistance treatment
- Cooling provision for Stationery disk, Mill body, Bearing housing.
- Monitoring of Main motor load & control system
- Monitoring of Powder Temperature & control system
- Microprocessor based machine control panel with digital display. (optional)
- Exact and easy grinding gap adjustment
- Housing design for optimized water cooling
- Easy to clean
- Broad application field
- Economical and cost effective
- Robust in design
- Quality of Powder according to Specifications

### Specially developed features & components for Primetech pulverizer

- One-Piece grinding disc
- Latest bearing technology
- Easy adjustments
- Unique Design of Housing
- Vibro Screen

### Convincing Advantage

- Pulverizing without using liquid nitrogen
- Excellent flow rate and mixing possibility of the powder
- Compact construction, minimum space requirement
- Most Economical and cost effective

### Special Advantages

- Narrow particle size distribution with low fines content
- Load and temperature controlled automatically
- Fully automatic continuous operation
- A limit switch is integrated with the Mill door to prevent accidental re-start of the motor when the door is opened.

Specifications	Unit	Models										
		PP30	PP40	PP60	PP80	PP100	PP120	PP150	PP200	PP300	PP300	PP400
Disc dia	mm	250	250	300	300	400	400	400	600	400	600	600
Main motor	HP	10	12.5	15	20	30	40	50	75	50+50	100	75+75
Output in LLDPE	kg/hr	30	40	60	80	100	120	150	200	300	300	400
Floor space												
Length	mm	2000	2000	2200	2200	2400	2400	2400	3700	4600	3700	5400
Width	mm	1300	1300	1400	1400	1600	1600	1600	1900	2000	1900	1900
Height	mm	3000	3000	3100	3100	4000	4000	4000	4600	5200	5000	5000