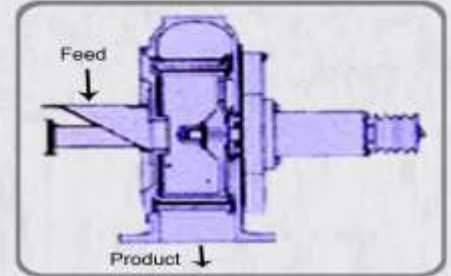




There is not just a chance with the TISHULI pulveriser - it is an artistic design of the equipment.

PREMIUM DISC MILL

SCREENLESS PULVERISER FOR HEAT SENSITIVE PLASTICS



- * PULVERIZING
- * FIBERIZING
- * ATTRITION
- * BLENDING

POPULAR APPLICATION

- HEAT SENSITIVE PLASTICS (THERMO PLASTICS)
- HIGH & LOW DENSITY POLYTHELENE
- RIGID & SOFT P.V.C.
- POLY STERINENE
- POLY MIDES
- POLY PROPELINE
- POLY STER
- SYNTHETIC RUBBER

SALIENT FEATURES

- COOL GRINDING
- SHORT RESIDENCE TIME
- NARROW PARTICLE SIZE DISTRIBUTION
- UNIQUE - AUTO SERVO CONTROLLED FEEDING
- TEMP AND CURRENT MONITER SYSTEM
- CHANGABLE / ADJUSTABLE GRINDING ELEMENT
- COMPACT DESIGN
- WATER JACKETED ARRANGEMENT AVAILABLE

PREMIUM DISC MILL

PREMIUM DISC MILLS are HEAVY DUTY SHOP FABRICATED RUGGED CONSTRUCTION. The MAIN BODY have easily openable FRONT HINGED DOOR with GRINDING DISC. This GRINDING DISC have SERRATIONS and is provided with WATER JACKET for COOL GRINDING. The MAIN SHAFT is MADE out of EN-8 material and have ROTATING SERRATED DISC. These DISC are made out of EN-41-B material and are DYNAMICALLY BALANCED and are ADJUSTABLE. The mills is can be CLEANED EASILY. The MILL is Provided on BASE FRAME.

The MILLS are SCREENLESS and have OUTLET at the BOTTOM which can be connected with suction FAN through Proper DUCTING for PNEUMETIC CONVEYANCE.

PRINCIPLE OF OPERATION

The material in GRANULAR FORM is FEED either MANUALLY (SMALL MILLS) or FEEDING SCREW, VIBRATOR FEEDER through Feeding Hopper in the Mill (LARG SIZE MILLS). The material is ground between TWO SERRATED DISC. The material is ground due to SHEARING and ATTRITION. The MILL is SCREENLESS and hence there is no HOLD-UP and hence NO CHOKING and NO EXCESS HEAT GENERATION. The type o SERRATION FACILITATE GRINDING.

TECHNICAL SPECIFICATIONS

MODEL	ROTOR DIA	H.P.	THROUGH CAPACITY/Hr.	SPACE REQUIRED L x B x H in mm
PDM - 250	250 MM	10	25 Kg.	675 X 600 X 1000
PDM - 450	450 MM	25	50 Kg.	1500 X 1000 X 1350
PDM - 600	600 MM	40	100 Kg.	2000 X 1000 X 1500
PDM - 800	800 MM	60	150 Kg.	2000 X 2000 X 1800
PDM - 1000	1000 MM	150	250 Kg.	2600 X 2600 X 2200

Specification & design are subject to change without notice for any additional improvement.

DISC MILL IN PLASTIC GRINDING SYSTEM FOR ROTO MOULDING POWDERS.

The GRANULATES are PULVERIZED between Stationary and rotating SERRATED DISCS of DISC-MILL. The GROUND POWDERS are SUCKED by SUCTION FAN and are CONVEYED via Cyclone Collector. Through AIR LOCK VALVE POWDERS are SCREENING in VIBRO SCREEN. The oversize PARTICLES are REFED into DISC MILL.



Manufactured By:

**PREMIUM
PULMAN PVT. LTD.**

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