



### Rubber Grinder Mills

Bull Gear type refiner mill with warm reduction gear box of greaves / elecon / shanti make with Anti friction roller bearings.

### Standard Specification for Rubber Grinder Mills

<b>Specification</b>	11"x15"x17"	14"x18"x24"	16"x20"x24"	18"x22"x30"	21"x24"x36"	24"x28"x48"
<b>Power(HP)</b>	40	75	100	120	150	215
<b>RollSize</b>	11"x15"x17"	14"x18"x24"	16"x20"x24"	18"x22"x30"	21"x24"x36"	24"x28"x48"
<b>Lubrication</b>	Manual	Manual	Manual	AutoLub. Pump.	AutoLub. Pump.	AutoLub. Pump
<b>Roll(Cooling/Heating)</b>	Funnels	Funnels	Funnels	Universal Rotary Joint	Universal Rotary Joint	Universal Rotary Joint
<b>NipAdjustment</b>	Manual /Centralized Manual	Manual/ Centralized Manual	Manual/ Centralized Manual	Motorized	Motorized	Motorized
<b>EmergencyBrakes</b>	Optional	Optional	Optional	Hydraulic Thruster Brake	Hydraulic Thruster Brake	Hydraulic Thruster Brake
<b>Approx.Weight(Tons)</b>	Optional	Optional	Optional	Auto Reversal Panel	Auto Reversal Panel	Auto Reversal Panel
<b>Approx.Weight(Tons)</b>						

### Technical Specifications for Rubber Grinder Mills

<b>Model</b>	<b>CRM / GRM</b>

<b>Type</b>	Bull Gear Type with Bush
<b>No. of Rolls</b>	Two
<b>Materials of rolls</b>	With curved grooved chilled iron hollow ground finished, bored through for even heating & cooling, having surface hardness of 500-550 HN
<b>Make of rolls</b>	Metallic / White Machines / Jemco / GPI
<b>Front roll diameter</b>	As per size
<b>Rear roll diameter</b>	As per size
<b>Maximum Working Length</b>	As per size
<b>Roller Bush</b>	Full circle Phosphorus Bronze Bushes machined to close tolerance for smooth working
<b>Type of Housing</b>	Sealed
<b>Housing</b>	Housing is made from graded cast iron of high quality casting free from holes & casting defects
<b>Column Frame</b>	Two Nos. Made of graded Cast Iron as per Housing Material / steel fabricated
<b>Bull Gear</b>	Made up of Class-1 graded casting, machined to high precision to provide smooth transmission & controlled level of noise. Hob cut teeth.
<b>Pinion</b>	Gear / Pinion drives Rear Roll, Roll-to-Roll transmission is achieved by the use of a set of connecting gears.
<b>Nip Adjustment</b>	Nip Adjustment at two roller ends is done manually using two separate screw attached to the housing through shear plates/ fuse (0-10mm). Working range with dog clutch & handle arrangement
<b>Frication Gears</b>	High precision machined sets made of forged steel
<b>Lubrication System</b>	Manual Feed Lubrication is provided (Forced feed lubrication system with the pressure gauge provided on the main line of the outlet to see the pressure & the glass tubes provided on the entry pipe of all the rollers placed at the extreme ends of rollers above connecting gears can be provided on additional charges).
<b>Base Frame</b>	Uni-Bed design with heavy duty base frame up of Carbon Steel sections suitable for anti-vibration mounting or fitments with anchor bolts in concrete floorings
<b>Transmission</b>	Through a suitable Reduction Gearbox / Helical Gearbox
<b>Make of Gearbox</b>	Graves / Elecon / Shanti make
<b>Main Motor HP</b>	As per size
<b>Motor RPM</b>	960 RPM
<b>Motor Type</b>	TEFC / SPDP Squirrel Cage
<b>Make of Motor</b>	Crompton Graves / ABB/ Alstom/ Kirloskar make
<b>Standard Accessories</b>	<ul style="list-style-type: none"> <li>• Gear Covers</li> <li>• Safety Trip Rod</li> <li>• Material Collection Tray</li> <li>• Shear Discs / Fuses</li> <li>• Return Water Funnels</li> <li>• Glass see through tubes</li> </ul>

### **Additional Accessories**

- Motorized Nip Adjustment
- Panel Board consists of Voltmeter, Ammeter, Phase Indicator, On & Off Switches. Inching Switch, Emergency stop with Auto reversal arrangement.
- Electromagnetic brake for emergency stop actuated by overhead cradle bar operated by limit switches
- Anti vibration mounting
- Forced feed lubrication system

## **CONTACT US**

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