

Mixing Mills

The basic desining and construction of the Zenith Mixing Mill has been subjected to continuous improvements. which have permitted them to keep pace with the day-to day needs of the industry.

Available in sizes varying form 6" x 16" to 26" x 84" for compounding, warming, sheeting of various grades and types of rubber and other material.



Specification

Technical Specifications				
Size Of Roll Dia. X Length	Capacity Kgs.Batch (App.)	R.P.M Of Rolls (App.)	Friction Ratio	Electric Motor H.P.
6" x 16"	3/6	29	1: 1.15	7.5
8" x 18"	7/10	23	1: 1.15	10
10" x 24"	15/20	21	1: 1.18	20
12" x 30"	20/30	21	1: 1.18	30
14" x 36"	30/45	19	1: 1.18	40
16" x 42"	50/60	17	1: 1.18	60
18" x 48"	75/90	15	1: 1.18	75

22" x 60"	90/110	12	1: 1.18	120
24" x 72"	130/150	12	1: 1.18	175
26" x 84"	160/180	12	1: 1.18	250

Friction ratio and R.P.M can be changed as per customer's requirement

Silent Features

- No. Of Rolls Two
- Material of Rolls Chilled Cast Iron hollow ground finished, bored through for even heating & cooling, having surface Hardness of 500 - 550 BHN
- No. Of Guides Four (Two fixed and two movable)
- Roller Bearing Spherical Roller Bearing
- Type of Housing Sealed
- Housing Housing is made from Graded Cast Iron of High quality casting free from holes & casting defects
- Column Frame Two Nos. Made of Graded Cast Iron as per housing material
- Nip Adjustment Nip adjustment at two roller ends is done manually using two separate screw attached to the housing through shear plates/fuses (0-10 mm)
- Friction Gears High precision-machined sets made of forged steel
- Lubrication System Radial Grease Lubrication Pump
- Base Frame Uni - Bed design with heavy-duty base frame made up of Carbon Steel sections suitable for anti - vibration mounting or fitment with anchor bolts in concrete floorings
- Transmissions Through a suitable Helical Gearbox
- Standard Accessories Panel Board consists of Voltmeter, Ammeter, Phase Indicators, On & Off Switches, Emergency Stop with Auto reversal arrangement I Electromagnetic brake for emergency stop actuated by overhead cradle bar operated by limit switches I Gear covers I Safety Trip Rod\ I Material Collection Tray I Shear Discs/ Fuses I Return Water Funnels I Glass see through tubes I Radial Grease Lubrication Pump.