

9-Inch Open Mixing Mill with Alloy Steel Rollers

This 9-inch open mixing mill features special alloy steel rollers designed for durability and abrasion resistance. Its motor reducer with hard tooth surface ensures large torsion and low noise during operation.



ADDITIONAL IMAGES



Overview

High-Performance Open Mixing Mill

This 9-inch open mixing mill is designed for efficient compounding and processing of rubber, plastics, and viscous materials. It features precision-engineered alloy steel rollers with a mirror-finished surface for optimal material handling and durability. The unit is built for versatility, supporting both electric heating and water cooling, making it suitable for laboratory research, pilot plants, and small-scale production.

Technical Specifications

Roll Diameter	210 mm
Roll Working Length	600 mm
Max Roll Space	10 mm
Speed Ratio	1.27
Feeding Capacity	10 kg
Motor Power	7.5 / 11 (Optional)
Operating Temperature	0 to 250 °C
Power Requirements	3 Phase, AC 380V, 20A

Physical Dimensions

Machine Weight	1200 kg
Overall Dimensions	2200 x 830 x 1300 mm

Construction Details

Major Constructional Details

Component	Details
Rolls	Alloy chilled cast iron, mirror finished, hollowed for cooling/heating
Roll Clearance	Worm and worm gear drive for parallel sheeting
Gearbox	Helical reduction, direct coupled with rear roll and motor
Base Frame	Heavy duty steel, no deep foundation required
Lubrication	Manual/motorized grease pump for anti-friction bearings