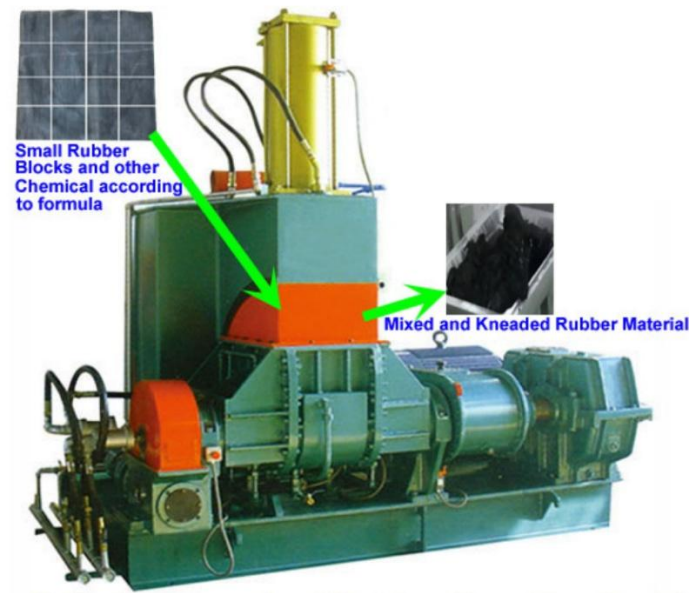


Specification of SBM Series Banbury Mixer



1. Application

It is mainly used for mixing natural rubber or reclaimed rubber with chemicals by kneading strength.

2. Structure

Mainly consists of frame, mixing chamber, two Rotor, roll sealing device, feeding & pressure feeding device, discharge device, gear reducer and motor, etc

3. Principle

When it work, two Rotors make relative rotation, the feeded material be clamped into the gap between Rotors and contentiously be kneaded and sheared by two Rotor, up & bottom pegs and chamber wall, cause the material temperature rise sharply, viscosity reduce, surface wettability increase, so that good contact between rubber and Additive.

4. Specification

Item	SBM-035	SBM-055	SBM-075	XXS-3 Laboratory
Chamber Volume:	75L	125L	180L	10L
Effective Mixing Volume:	35L	55L	75L	3L
Kneading Motor Power:	55Kw	75Kw	110Kw	2.8Kw
Hopper Tilting Motor:	5.5Kw	5.5Kw	5.5Kw	0.5Kw
Hopper Tilting Angle:	110°	110°	110°	110°
Front Rotor Rotation Speed:	36rpm	36rpm	36rpm	20rpm
Back Rotor Rotation Speed:	30rpm	30rpm	30rpm	14.5rpm
Compressed Air Pressure:	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa
Cooling Water Pressure:	0.3-0.4Mpa	0.3-0.4Mpa	0.3-0.4Mpa	0.2-0.4Mpa
Dimension:	3150x1900x2880 mm	3280x2120x3090 mm	3250x2210x3250 mm	1330x660x1690 mm
Production lead time:	30-40Days	30-40Days	30-40Days	30-40Days