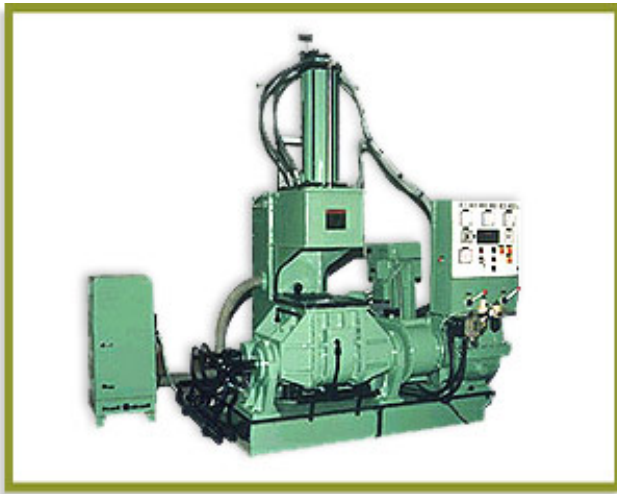




“UTTAM” Dispersion Kneader



"UTTAM" Offers complete series of KNEADERS from 25 To 150 Liters Production model in Front Feed and front discharge type with hard faced and chrome plated Rotors for long life.

Dispersion Kneaders Superior by design

A dispersion kneader superior by design, engineering and construction represents an advanced class of kneaders in India.

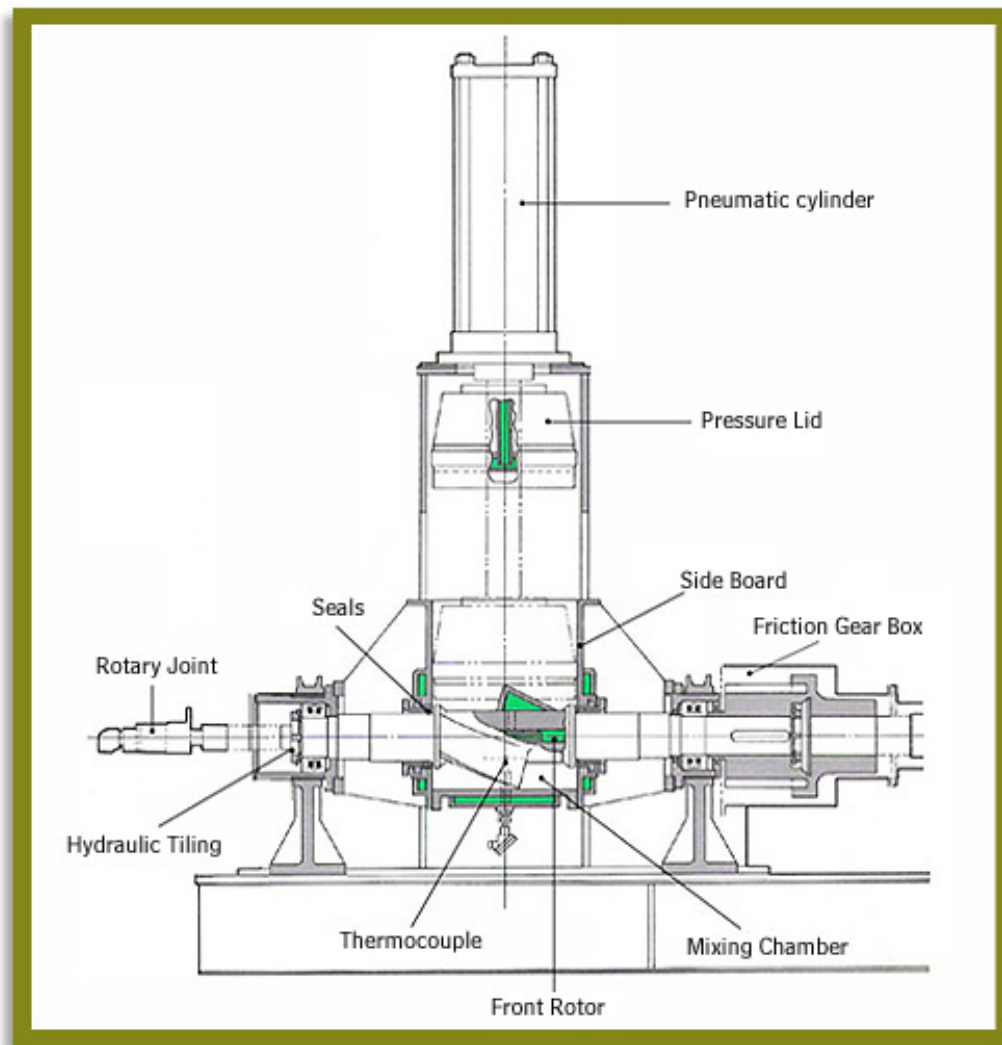
"UTTAM" Dispersion Kneader has proved a big boon to several medium and large rubber industries. Incorporating world-class technological features, it symbolizes techno-economic success among Indian Kneaders, by giving higher outputs, through perfect process control. Dispersion Mixer can be employed in a wide range of material mixing, ranging from low viscosity adhesives to high viscosity rubber.

With simple operation and easy cleaning, it gives its best even when the operator's skill and experience are limited.

Combination with Sheeting Mill

Several kneaders have been supplied with appropriate "UTTAM" Sheeting Mill through a skip conveyor. AND Manual Grease pump for lubrication of Anti Friction Roller Bearings in dust sealed housing.

Major Construction Details From the past experience of more than 20 years in the line of Dispersion Kneaders, 'UTTAM' make Mixing Chamber, Sideboards and Pressure Lid are fabricated from a SINGLE PLATE PRIME TESTED MATERIAL and not made of single piece steel casting like other manufacturers do. As there are too many Blowholes/ Pinholes on each side of the piece which are removed by welding and grinding of each and every hole. Further these Blowholes/ Pinholes pieces are jacketed by welding again for cooling/ heating purpose. This further increases the chances of leakage and makes its quality very poor and **THUS EFFECTS THE TROUBLE FREE WORKING** of the machine and hence has a lesser life than 'UTTAM' make Dispersion Kneaders.

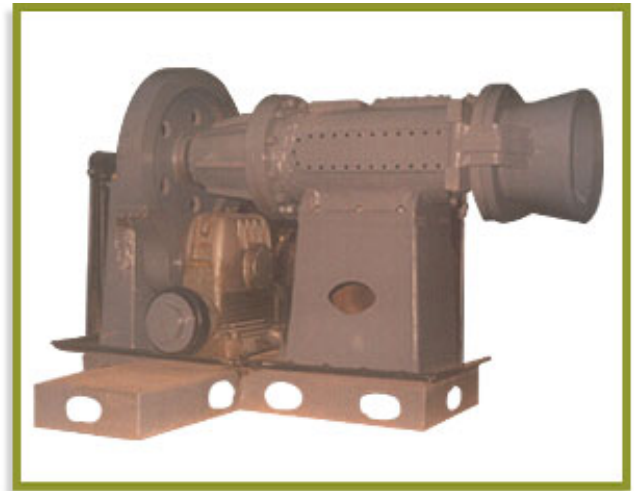


- » **MIXING CHAMBER** : Steel Fabricated from single plate prime tested material and jacketed for intensive cooling or heating purpose. With thermocouple, duly finished and hard chrome plated.
- » **SIDE BOARD** : Steel Fabricated from single plate prime tested material and jacketed for intensive cooling or heating purpose. Duly finished and hard chrome plated.
- » **PRESSURE LID**: Steel Fabricated single plate prime tested material and jacketed for intensive cooling or heating purpose. Duly finished and hard chrome plated.
- » **ROTORS** : One piece Alloy Steel Casting and Ultrasonically tested rigid rotors which are duly hollow for Cooling or heating purpose by means of Rotary joints and hard chrome plated.
- » **SEALS** : Mechanical Seals.
- » **TITLING** : With Hydraulic Cylinder and Hydraulic power Pack unit which tilts the mixing chamber for the discharging the mixture which provides TROUBLE FREE WORKING of the machine. As there is NO Wear & Tear of the gears like in the machines where Worm gear System is used for tilting chamber OR Breakage of the screw and nuts like in the machines where screw and nut system is used for tilting chamber.

Technical Specifications

MODEL NO.	EFFECTIVE WORKING CAPACITY IN LITRES	CHAMBER VOLUME IN LITRES	MAIN MOTOR H.P.	TILTING METHOD	MIXING CHAMBER TELTING ANGLE	TILTING MOTOR	AIR COMPRESSOR H.P.
URM-K-25	25	45	40	Hydraulic	120°	2 H.P	3 HP
URM-K-35	35	75	60	Hydraulic	120°	3 H.P	5 HP
URM-K-55	55	125	75	Hydraulic	120°	3 H.P	5 HP
URM-K-75	75	170	125	Hydraulic	120°	5 H.P	7.5 HP
URM-K-100	100	215	150	Hydraulic	120°	5 H.P	7.5 HP
URM-K-125	125	265	175	Hydraulic	120°	7.5 H.P	10 HP
URM-K-150	150	325	200	Hydraulic	120°	7.5 H.P	10 HP

“UTTAM” Hot Feed Rubber Extruders



"UTTAM" make Hot Feed Rubber Extruder Machines is most suitable to produce various rubber sections or shapes, out of warm Rubber or Rubber Compounds, the machine is used in manufacturing of Rubber Tubes, Strip Sheets, Tyre Tread, Rubber Hoses, Angles, Channels, etc.

Range of Heads

Tread Head : For Tyre Treads

Strainer Head : FOR filtering the compounds

Straight Head : FOR Rubber Tubes, Strip Sheets, Rods , Angles, etc.

Cross Head : FOR second coating of pre-extruded section like Hoses, Profile, etc.

Drives : Constant Speed or variable speed.

Technical Specification

MODEL NO.	Screw Dia M.M.	Required MOTOR	Capacity Kg. / Per Hrs.	RPM Of Warm
URM-EX-1	40	3	20	55
URM-EX-2	56	5	45	50
URM-EX-3	63	7.5	60	45
URM-EX-4	76	12.5	75	35
URM-EX-5	100	15	100	35
URM-EX-6	115	20	120	35
URM-EX-7	150	25	135	35
URM-EX-8	200	40	250	30

“UTTAM” Rubber Bale Cutters

"UTTAM" offers hydraulically operated Rubber Bale Cutter to cut natural or synthetic rubber bales in pieces for further processing in Mixing Mill, Kneader and Banbury.

Technical Specification

Total Covering Area	:	38" L x 32" W x 84" H
Ram Stroke	:	22"
Working Pressure	:	0.80 Tons/in ²
Cutter Force	:	20 Tons
Cutter Length	:	28"
Cutter Width	:	5"
Motor	:	3 H.P.
Tank	:	65 Liters
To Slide Rubber	:	6 Rollers Fitted
Ram	:	Hard Chromed
Cylinder	:	Honed, Pipe
Blade	:	Hardened Tempered H.C.S.
Hydraulic Power Pack	:	Gear & Plunger Type, Breather Filter, Oil Filter
D.C. valve	:	Directional Control Valve & Release Valve



Inquires are also solicited as per customer specification.

