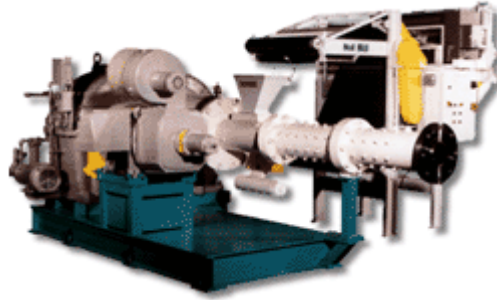


Rubber Extrusion

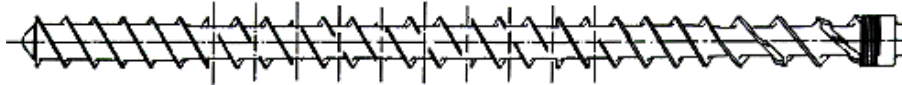
Cold Feed Pin Type Extruder for Processing Rubber Compounds



Features of the RMS PME:

Screw

The screw is designed to ensure the highest output of compound with the lowest temperature, while maintaining homogeneous extrudate.

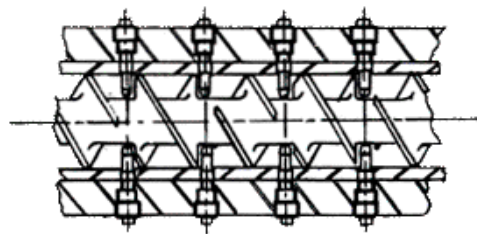
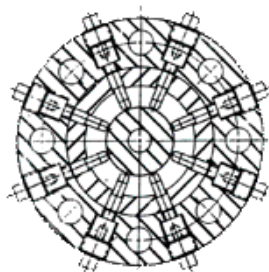


Hopper

Wide hopper opening to handle wide feed strips. A liner with spiral undercut passages to ensure an aggressive feed. Feed roller is driven from the screw shaft and our special design ensures no contamination of the forward feed roll bearing. Hinged assembly for easy cleaning. Feed roller to prevent contamination.

Pin Barrel Section

The barrel is a steel fabrication. Liner is a replaceable bimetal liner. Pins are readily positioned in



rows at a fixed pitch.

Gear Reducer

The reducer is a fixed ratio vertically or horizontally arranged double reduction unit with a minimum of 1.5 service factor and supplied with an integral thrust bearing and lubrication system.

Extrusion Heads

Single and multiple cavity heads. Innovative design and manufacturing using CAD/CAM. Standard or custom designs available to meet product requirements. Single, dual, triple or quadruple compound heads.

Feeders

Automatic slab feeder complete with metal detector, safety reverse and interlocked with extruder. Available for 24" (600 mm), 36" (900 mm) and 48" (1200 mm) wide.

		PME 090	PME 120	PME 150	PME 200	PME 250
Output	(LBS/HOUR)	500- 1000	1500- 2000	3000- 4000	5000- 7000	8000- 11000
	(KG/HOUR)	225-450	680-900	1360- 1800	2250- 3150	3600- 5000
Screw Diameter	(mm)	90	120	150	200	250
	(Inches)	3-1/2	4-1/2	6	8	10
L/D Ratio * <i>(Including Feed Opening)</i>		16:1	16:1	16:1	16:1	18:1
Screw Speed	(RPM)	66	54	45	33	27
Number of Pin Rows		10	10	10	10	10
Number of Pins Per Row		6	8	8	10	10

Drive Motor	(HP)	100	150	300	500	700
	(Kw)	75	112	224	373	522
Motor Base Speed						
		1750	1150	1150	1150	1150
Gear Reducer Ratio *						
		26.5:1	21.3:1	25.5:1	34.8:1	42.6:1
Thrust Bearing (B10 Life in Hrs at 5000 PSI Load)						
		370,000	250,000	200,000	150,000	75,000
Cooling Water Consumption ** (Per Minute Per Zone)						
	(US Gallons)	10	10	15	20	25
	(Litres)	38	38	57	76	95
Extruder Centerline Height						
	(Inches)	42	42	42	42	42
	(mm)	1067	1067	1067	1067	1067
Machine Weight (Approximate)						
	(LBS)	8000-10000	10000-12000	15000-18000	24000-30000	36000-42000
	(KG)	3600-4500	4500-5500	6800-8200	11900-13600	16300-19000
<p>* Other ratios available, depending on application. ** Design normally contains 1-zone screw, 1-zone hopper, 1-zone barrel (optional: 2-zone barrel) Electrically heated, 9KW per zone (steam heat exchangers available upon request), Operating pressure 30 PSI over supply pressure.</p>						