



## Rubber Extruder

### Hot Feed Extruder

While illustrating the Ravi Engineering's contemporary achievement in the manufacturing of high production Rubber Extruder Machines, the introduction of Ravi E.M. Series of machines with extra heavy duty construction along with provision of self machining of components virtually previews a major of our future manufacturing programmes.

## Technical Specifications for Hot Feed Extruder

Specification	EMNA-2"	EMNA-2.5"	EMNA-3"	EMA/EMNA-4"	EMA/EMNA-4.5"	EMA/EMNA-6"	EMNA-8"
Power (HP)	5	5	7.5	15	20	30	40
Worm Speed (RPM)	45	45	35	28	25	22	18
L.D. Ratio	4 to 6:1	4 to 6:1	4 to 6:1	4 to 6:1	4 to 6:1	4 to 6:1	4 to 6:1
Capacity (Approx.) Kg/Hour	20	25	35	140	170	250	300
Barell	Steel Fabrication	Steel Fabrication	Steel Fabrication	Graded Casting	Graded Casting	Graded Casting	Graded Casting
Sleeve	EN-41 B	EN-41 B	EN-41 B	EN-9/41 B	EN-9/41 B	EN-9/41 B	EN-9/41 B
Worm	EN-41 B	EN-41 B	EN-41 B	EN-9/41 B	EN-9/41 B	EN-9/41 B	EN-9/41 B
Gear Box	Helical	Helical	Helical	Worm Reduction	Worm Reduction	Worm Reduction	Worm Reduction

Coming Soon

## Rubber Extruder (Cold Feed Rubber Extruder)

While illustrating the Ravi Engineering's contemporary achievement in the manufacturing of high production Rubber Extruder Machines, the introduction of Ravi C.F.E. Series of machines with extra heavy duty construction alongwith provision of self machining of components virtually previews a major of our future manufacturing programmes.

### Standard Specifications for Cold Feed Rubber Extruder

Specification	CFE-40	CFE-60	CFE-75	CFE-90	CFE-115	CFE-150
Scroll Dia.	40 MM	60 MM	75 MM	90 MM	115 MM	150 MM
L/D Ratio	10:01	10:01	13:01	16:01	16:01	16:01
Scroll Speed	5-60 RPM	5-60 RPM	5-60 RPM	5-60 RPM	5-50 RPM	5-40 RPM
Electrical Motor (DC) Output Per Hour (Approx)	40-60 Kgs/Hrs	100-150 Kgs/Hrs	150-200 Kgs/Hrs	300-400 Kgs/Hrs	600-800 Kgs/Hrs	800-1000 Kgs/Hrs
Feeding	Feed Roll Arrangement and Hopper with Spiral Undercut	-	-	-	-	-
Temp. Controlling System	Two Zones	Three Zones	Three Zones	Four Zones	Four Zones	Four Zones
Cooling Water Consumption (Approx)	10 LPM	25 LPM	50 LPM	75 LPM	90 LPM	140 LPM

### Technical Specifications for Cold Feed Rubber Extruder

<b>Model</b>	CFF-40-150
<b>Size</b>	40 mm – 150 mm
<b>Type</b>	Cold Feed
<b>Scroll Diameter</b>	40 mm-150 mm (Multiple flighted for cold feed, nitrited hardened, centralized bored and fitted with rotary pressure Joint)
<b>L.D, Ratio</b>	10: 1 to 16.:1
<b>Scroll Speed</b>	50 to 60
<b>Driving Motor H.P</b>	Vary as per size

<b>Main Motor Control</b>	DC Motor
<b>Transmission</b>	'V' belt drive to gearbox. Two stage helical gear Reduction unit with vertical housing and hollow output Shaft to accept scroll from front
<b>Scroll Bearing</b>	Tapper special type thrust bearing and roller bearing to handle radial loads
<b>Lubrication</b>	Forced feed oil lubrication to bearings and gears
<b>Feeding</b>	Feed roll and hopper with spiral undercut
<b>Normal Output</b>	Vary as per sizes
<b>Temperature control</b>	<ul style="list-style-type: none"> <li>• Different zone, auto temperature control 120 c range</li> <li>• Die Head</li> <li>• Scroll</li> <li>• Extrusion Barrel (Feed Barrel – Cooling water only)</li> <li>• 3 kw Heaters</li> <li>• 0.5 HP Motor</li> <li>• Hot Water centrifugal pump</li> <li>• Solenoid valve</li> <li>• Pressure switch</li> <li>• Pressure gauge</li> <li>• Digital PID Controllers</li> <li>• Motor Starters</li> <li>• Manual values</li> <li>• Strainers, Non- return valves etc.</li> </ul>
<b>Barrel &amp; Liner</b>	EN – 41B, Jacketed barrels and Nitrided hardened liners

## CONTACT US

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