



Technical Details for **JUMBO-90/BIOMASS PELLETS**

Model	"JUMBO - 90"	BIOMASS PELLETS MACHINE (Samrat - 8)
Type	Crank Type	Ring Dia Type
Stroke	200mm	-
R.P.M.	230	-
Total Power Requirement	91HP. (67.91 Kw.)	130HP. (97 Kw.)
Production Capacity [+ 20% Depending on Density and Quality of Raw Material]	1200/1500 Kg/Hr.	6mm (600-900 Kg.) 8mm (1100-1300 Kg.) 10mm (1300-1500 Kg.) 12mm (1500-1700 Kg.)
Finished Product Size	90mm Dia	6mm 8mm 10mm 12mm
Finished Product Shape	Cylindrical	Cylindrical
Finished Product Length	152 mm To 305 mm	25 mm to 75 mm
Raw Material Form	Up to 25mm Size can Be Used Directly	Up to 4mm Size can Be Used Directly

Flash-Dryer

Type	Flash Air Dryer
Input Moisture	30% to 35%
Outlet Moisture	12% to 15%
Power Requirements	40 HP
Drying capacity	20% (in one cycle)
Production capacity	800 to 1300 Kg/hr. For 30% To 35% Moisture (±20% depending on quality of raw material)

Hammer Mill

Power Requirements	45 HP
Input Raw Material Size	01 to 25mm
Output Product Size	Powder Form (0 to 6mm)
Production capacity	1200Kg/hr. (±20% depending on density and quality of raw material)

Advantages of **JUMBO-90/BIOMASS PELLETS**

- ✓ Saving in Power Consumption
- ✓ Increase in Production
- ✓ Low Maintenance cost
- ✓ Suitable for all type of Raw Materials including Sugarcane Bagasse
- ✓ Easy Handling of Briquettes due to its large size
- ✓ Ideal for Boiler and Fireman.