

Extruder Double Stage ED-Series



RECYCLING LINES FOR FILM, YARNS FABRIC, WASHING MATERIALS



Application:

This machine is developed for pelletizing a wide range of Polymers like LDPE, HDPE, PP, PVC, PET, HIPS, PC, ABS etc.

Production from 50kg to 500 kg/hr.

Pelletizing/Repelletizing a wide range of applications in the pelletizing of polyolefins can be handled using single screw extruders. Proven concepts with & without grooved feed zone and combination with & without a barrier screw permit high outputs and outstanding dispersion results. Strand, underwater or water ring pelletizers are used, depending on the application in hand. Material venting and smooth feed bushes can be supplied for special applications.

Material Forms

- Film/Rolls
- Sheet
- Monofilament
- Raffia
- Textile
- Carppeing
- Powder
- Foam

PANCHAL PLASTIC MACHINERY PVT. LTD.

Plot # 127, G.I.D.C., Umbergaon - 396171,
Dist. Valsad, Gujarat, INDIA.

Tel.: ++91-260-2563391 / 2563392

Fax : ++91-260-2562892

E-mail : info@panchal-plastic.com

Website : www.panchal-plastic.com

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Main Features :

- Single screw & Twin Screw also.
- Base made of electro welded steel sheet & channel.
- Gearbox unit with casehardened and hardened gear pair with ground profile.
- Helical Extruder cylinder and screw is nitriding steel with high skin hardness.
- Main electric panel with PID Temperature regulation zone & electric drives controls.
- Hydraulic screen changer Platen type.
- Stainless Steel water tank for cooling of various strands.
- Strand Pelletizer / Die-face cutter (water & air cooling).
- For more Production we also provide L/D upto 35:1.

Material

LDPE	BOPP
LLDPE	OPP
HM	PS
PP	EPS
HIPS	XPS
PC	ABS

	MODEL	PPM-75ED	PPM-90ED	PPM-100ED	PPM-120ED	PPM-150ED
1st	Production (Kg/Hr.)	75-125	100-160	120-200	180-300	280-460
	Screw Diameter (mm)	75mm	90mm	100mm	120mm	150mm
	L/D Ratio	32:1	32:1	32:1	32:1	32:1
	Heating Load (kW)	25 kw	30kW	35 kW	52 kW	72 kW
	Main Motor (kW)	22 kW	30 kW	37 kW	55 kW	75 kW
2nd	Screw Diameter (mm)	75mm	90mm	100mm	120mm	150mm
	L/D Ratio	10:1	10:1	10:1	10:1	10:1
	Heating Load (kW)	7 kW	8 kW	12 kW	15 kW	20 kW
	Main Motor (kW)	5.5 kW	7.5 kW	11 kW	15 kW	18 kW
	Pelletizer (kW)	1.5 kW	1.5 kW	2.2 kW	3.7 kW	3.7 kW

* Specification are not binding and subject to change without notice.

Why PANCHAL?

- High-tech from the world market leader
- Top-notch state-of-the-art recycling technology
- Superior end product quality
- Best customer service and care and therefore reliability for the user
- Tailor-made, individual solutions possible through large engineering capacity with more than • 28 years experience in plastic recycling technology
- Superb reliability, flexibility and productivity
- Your best partner

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