

# Extruder with Strand Pelletizer E-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
- Carpeting
- Powder
- Foam

## PANCHAL PLASTIC MACHINERY PVT. LTD.

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# Extruder with Strand Pelletizer

## E-Series



### 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-50E	PPM-65E	PPM-75E	PPM-90E	PPM-100E	PPM-120E	PPM-140E
Screw Diameter (mm)	50	65	75	90	100	120	140
Main Motor (HP)	12.5	15	20	25	30	50	75
L/D Ratio	26:1	26:1	26:1	26:1	26:1	26:1	26:1
Die Hole	5	7	9	11	18	24	30
Heating Load (kW)	10	12	18	22	28	32	36
Pelletizer Size (In.)	6	6	8	8	8	10	10
Pelletizer Motor (HP)	1 HP	1	2	2	2	3	5
Production (Kg/Hr.)	40-50	50-60	60-80	90-120	100-150	200-250	300-350

\* 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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