

# Extruder with Die-face water ring type DFW-Series



## Application:

The hot die face cutter water cooling system for compounding and master batch and regranule the plastic material such as LDPE, LDPE, HDPE, PP, ABS, PC, PS etc.

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

- LDPE .....
- LLDPE .....
- HM .....
- PP .....
- HIPS .....
- PC .....
- ABS .....
- HDPE .....

## PANCHAL PLASTIC MACHINERY PVT. LTD.

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# Extruder with Die-face water ring type

## DFW-Series



### Main Features :

- Specially designed for easy and economical operation
- Possible to change the size of granules
- Perfect granules (virgin type)
- Moisture free granules
- Control Panel with advance technology
- Hydraulic screen changer
- Less space required

### Material

LDPE  
.....  
LLDPE  
.....  
HM  
.....  
PP  
.....  
HIPS  
.....  
PC  
.....  
ABS  
.....  
HDPE

MODEL	PPM-75DFW	PPM-90DFW	PPM-100DFW	PPM-120DFW	PPM-140DFW
Screw Diameter (mm)	75	90	100	120	140
L/D Ratio	26:1	26:1	26:1	26:1	26:1
Heating Load (kW)	18	22	26	30	38
Main Motor (HP)	25	30	40	50	60
Screen Changer (HP)	3	3	5	5	5
Die Face Drive (HP)	2	2	3	3	3
Water Pump (HP)	2	2	2	2	2
Spin Dryer (HP)	3	3	13	5	5
Production (Kg/Hr.)	70 - 100	100 - 150	110 - 180	150 - 250	200 - 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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