



Agglomerator Machine



This machine is developed for plasticizing and recycling of LLDPE, LDPE, HM, HDPE, PP, PVC, Nylon, Polyester and other type of film, tape, monofilament, fabric & production waste. Available in various model from 10 HP - 500 HP, Production from 10kg - 1500 kg/hr.



**HI-TECH
RECYCLING
TECHNOLOGY**

www.panchal-plastic.com



Save Environment



Agglomerator Machine

In modern recycling plants, it has gain widespread success, replacing the force feed of extruder. In fact, use of the densified product ensures high extruder production since it compacts, dries and homogenizes the product to be reduced, making it similar to a single product with numerous benefits. The drastic reduction in the volume of the initial materials also enable savings in terms of storage space (Smaller volume at an equal weight), easy transport and plant rationality.

Main Features :

- It's a simple process, complete process from feeding to discharge within 5 minutes.
- Easy to operate, compared to conveintal process 1/3 labour required.
- It's granules are freely flowing and of high bulk density.
- Material can be coloured and mixing.
- Low power electricity cost as no external heat required.

Material

LDPE

LLDPE

HM

PP

PET

Polyester

Nylon

PVC

Material Forms

Film/Rolls

Sheet

Monofilament

Raffia

Textile

Carppeting

Powder

Foam

MODEL	PPM-500A	PPM-400A	PPM-300A	PPM-200A	PPM-100A	PPM-75A	PPM-50A	PPM-40A
Main Motor (HP)	100	75	60	40	25	20	15	10
Batch Capacity Kg.	35-40	30-35	25-30	15-20	8-10	5-8	4-6	4
Production Kg./Hr.	300-500	250-400	175-300	125-200	60-100	50-75	20-50	15-40
Application								
LD/HM	✓	✓	✓	✓	✓	✓	✓	✓
PP (Film / Tape)	✓	✓	✓	✓	✓	✓	X	X
PP/HDPE/PVC	✓	✓	✓	✓	✓	✓	X	X
Polyester / Nylon	✓	✓	✓	✓	X	X	X	X
PET Bottle Flakes	✓	✓	✓	✓	X	X	X	X

* 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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