



Energy Saving / Environmentally Friendly / High-Tech / Robust Design

PLASTIC RECYCLING MACHINE  **GATOR** series

PLASTIC RECYCLING MACHINE

High Efficiency

The WRSH system combines cutting, extrusion and pelletizing into one compact and efficient recycling line.

High Quality

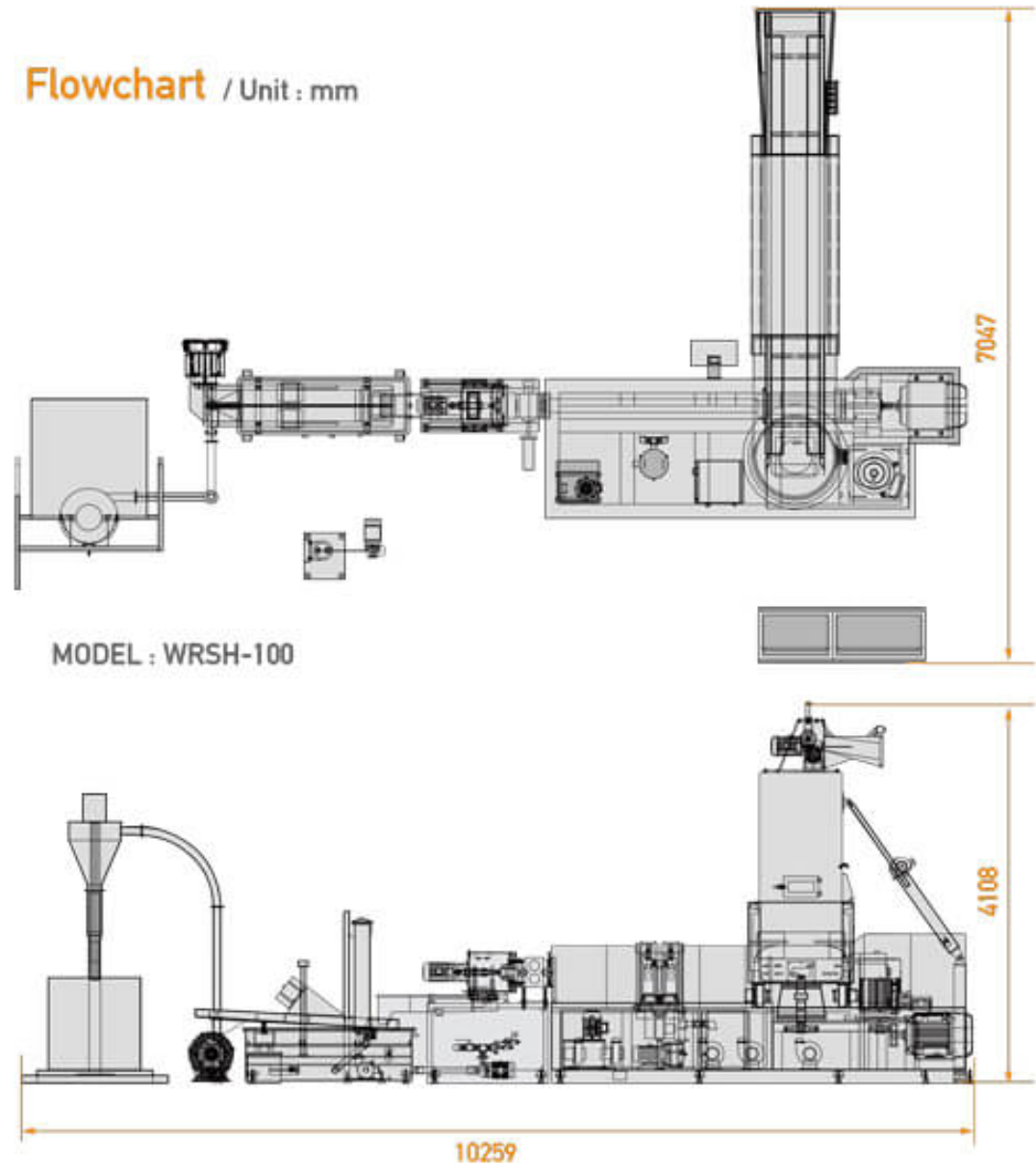
The waste material enters from the conveyor or the nip roll feeder, facilitating material feeding without the need for pre-cutting.

The stable material feeding together with the hot die face pelletizer produce round shaped, uniform-sized pellets that are higher in value for reprocess.

High Recovery Rate

Low investment cost for a high quality and durable machine. Low energy consumption with high production output.

Flowchart / Unit : mm



Scan for more info.

Features

- Applicable materials : HDPE, LDPE and PP.
- Designed for high material process stability and production.
- Vent design on the barrel evaporates the volatiles from the recycled material.
- Hydraulic screen change unit and pressure gauge for easy operation and safety.
- Water chamber with die face cutter simplifies the process.
- Easy operation, low downtime and quick maintenance.

Specifications

MODEL	Screw size (mm)	Screw length L/D	Applicable materials	Max. output (kg/hr)	Main motor (hp)
WRSH-85	85	30 : 1	HDPE, LDPE, PP	150 ~ 250	75
WRSH-100	100	30 : 1	HDPE, LDPE, PP	300 ~ 400	125
WRSH-120	120	30 : 1	HDPE, LDPE, PP	400 ~ 600	175
WRSH-160	160	30 : 1	HDPE, LDPE, PP	850 ~ 1000	350

* Specification subject to change without notice.

Ancillaries

- Water cooling tower
- Nip roller feeder
- Non-stop cylindrical hydraulic screen changer
- PP die
- Chiller
- Metal detector
- Centrifuge dryer for drying

Process Feeding and metal detector



Cutting and compacting



Degassing



Filtration and pelletization



Product





LUNG MENG MACHINERY CO., LTD.

Headquarters

No. 20, Huan Kung Rd.,
Yung Kang Ind. Area,
Tainan City 710, Taiwan
Tel : +886-6-232-1126
Fax : +886-6-203-1178
Email : sales@lm-hq.com

Taipei Office

7F., No.12-19, Sec. 2,
Zhongyang S. Rd., Beitou Dist.,
Taipei City 112, Taiwan
Tel : +886-2-2897-6599
Fax : +886-2-2897-9618

www.lungmeng.com.tw



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