

LDPE film recycling line

Plastic film is valuable secondary resources in recycling market, recycled film can be used to produce wide range of products.

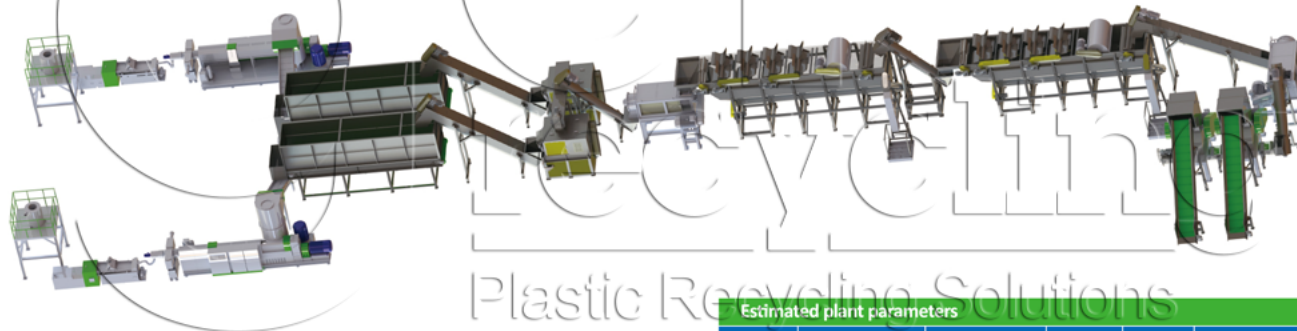
The waste plastic film to be processed can be in different conditions in terms of humidity, contamination, form. The plastic film in recycling market are basically divided into the following families:

Agricultures film (including greenhouse, mulching, tunnel and banana film)

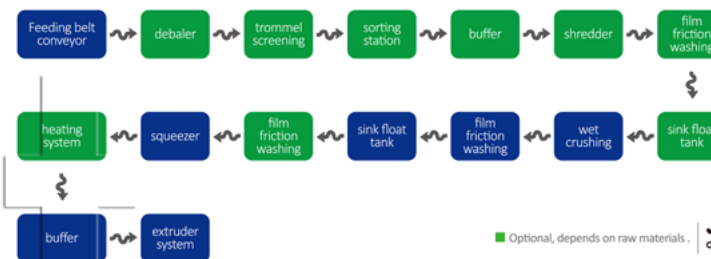
Post-consumer film (including film from landfills and selective collections)

Post-commercial and post-industrial film (including materials 100% stretch)

For the film recycling industry, GET can offers a series of well-developed recycling lines for the efficient recycling of all kinds of film materials.



Typical process



■ Optional, depends on raw materials ✂

● LDPE film recycling line



Plastic Recycling Solutions

Estimated plant parameters

Model	Capacity/output	Power installed	Area	Steam	Compressed Air	Water supply
LDPE10	1000kg/h	450kw	400m*2	/	0.5m³3	4m³3
LDPE15	1500kg/h	600kw	600m*2	/	0.5m³3	6m³3
LDPE20	2000kg/h	640kw	700m*2	/	0.5m³3	6m³3

Unit consumption

No.	Item	Average consumption per ton flakes	No.	Item	Average consumption per ton flakes
1	Electricity	190-270kw	3	Washing detergent	0-5kg
2	Steam	0-100kg	4	Water	1.5-2.0T