

Plastic Flakes Recycling Pelletizing Machine

This plastic pelletizing machine efficiently recycles PE, PP, and ABS plastic flakes into pellets. The line features a high-capacity feeder, single screw extruder, and water-ring/strand cutting for diverse material recycling.



ADDITIONAL IMAGES



Overview

High-Efficiency Plastic Recycling

This pelletizing machine line is engineered for the efficient recycling of PE, PP, and ABS waste plastic flakes. Utilizing advanced water-ring or strand pelletizing technology, it transforms plastic waste into high-quality, uniform pellets suitable for reuse. The system features a robust extruder, precise cutting mechanisms, and automated control systems to ensure consistent output, energy efficiency, and minimal downtime for industrial recycling operations.

Key Features

Pelletizing Methods

Water-ring • Strand

Compatible Materials

PE, PP, ABS

Technical Specifications

Single Stage Pelletizing Performance

Model	Motor Power	Capacity	L/D Ratio
SJ90	75kW	100-200kg/H	33:1
SJ90	90kW	150-280kg/H	33:1
SJ120	132kW	300-450kg/H	31:1
SJ150	185kW	500-600kg/H	31:1
SJ150	250kW	700-900kg/H	31:1

Double Stage Pelletizing Performance

Model	Motor Power	Capacity	L/D Ratio
SJ90+SJ120	75kW+22kW	100-200kg/H	33:1/10:1
SJ90+SJ120	90kW+30kW	150-280kg/H	33:1/10:1
SJ120+SJ150	132kW+37kW	300-450kg/H	31:1/10:1
SJ150+SJ180	185kW+55kW	500-600kg/H	31:1/10:1
SJ150+SJ200	250kW+90kW	700-900kg/H	31:1/10:1