

Waste Plastic Recycling Machine

The waste plastic recycling machine is engineered for efficient processing of diverse plastic waste. Its multi-stage system incorporates feeding, extrusion, cooling, and precision cutting units.



Product Overview

Industrial Waste Plastic Recycling

This high-performance recycling machine is specifically engineered for processing HDPE and LDPE plastic waste materials. It features an automated constant temperature system and an electric filter net changing mechanism for streamlined operation. The unit utilizes an inverter-controlled motor to synchronize cutting speed with extrusion rates, ensuring consistent pellet quality and high throughput.

Technical Specifications

Performance Metrics

160 kgs/h

Maximum Production Rate

22 kw

Main Motor Power

120 mm

Screw Diameter

Dimensions and Weight

Attribute	Value
Machine Weight	2500 kg
Overall Size (L*W*H)	6200*1400*1350 mm

System Configuration

- Screw Length: 2600mm
- Heating Zones: 6 zones
- Exhaust: Single-exhaust hole
- Cutting System: 7-blade inverter motor (2.2kw)
- Material: 38 CrMoal (Nitridized)

Features

Operational Advantages

High Output, Low Noise, Stable Performance, Easy Operation, Automatic Temp Control