

PET/PLA Sheet Twin Screw Extruder 72mm

This twin-screw extruder is designed for producing PET and PLA plastic sheets. It eliminates the need for pre-drying and crystallization, resulting in significant energy savings.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Twin Screw Extruder

This advanced twin-screw extruder is engineered for the high-performance production of PET and PLA sheets, capable of handling 100% recycled materials. Its innovative design eliminates the need for pre-drying and crystallization processes, delivering approximately 30% energy savings compared to conventional single-screw extruders. Featuring precise PID temperature control and a robust PLC-based operating system, this machine ensures consistent, high-quality output for demanding thermoforming applications.

Key Performance Metrics

400 Kgs/h

Max Output (PET)

120 Kws/h

Power Consumption

72 mm

Screw Diameter

Material Compatibility

Primary Materials

- PET
- PLA
- 100% Recycled Materials

Additional Compatibility

PP, PS

Technical Specifications

Sheet Specifications

Parameter	Value
Sheet Width	d700mm (customizable)
Sheet Thickness	0.12 - 0.16 mm
Thickness Variation	±0.01 mm

Screw Design	Toy bricks structure, nitrified (hardness e860)
--------------	---

Calendering Unit	3 mirror rollers with surface roughness d0.025µm
------------------	--

Standards & Compliance

Quality Standards

CE • ISO 9001:2000