

# 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)
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Calendering Unit	3 mirror rollers with surface roughness d0.025µm
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## Standards & Compliance

### Quality Standards

CE • ISO 9001:2000