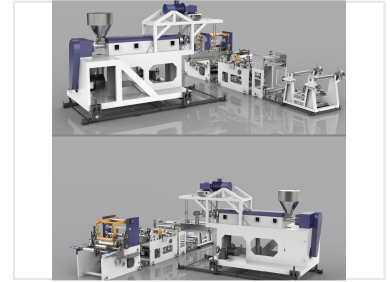


# PLA Biodegradable Film Extrusion Laminator

This machine is designed for producing biodegradable plastic films using polylactic acid (PLA) resin. It features a robust extrusion system, precise lamination capabilities, and integrated controls for efficient and consistent film manufacturing.



## Overview

### Sustainable Packaging Solution

This casting lamination compounding machine is engineered for processing biodegradable materials such as PLA, PBAT, and PBC. It serves as a versatile solution for compounding lamination onto base materials like paper and non-woven fabrics, making it ideal for medical, food, office, and industrial packaging. The resulting products are food-grade, harmless to the human body, and fully biodegradable in organic environments.

## Performance Metrics

### Coating Speed

**100 M/Min**  
Minimum Speed

**120 M/Min**  
Maximum Speed

Thickness Variation	7 %
Bonding Strength	25 gsm

## Compatibility

Compatible Materials	PLA, PBAT, PBC
Base Materials	Paper, Non-woven

## Applications

### Industry Applications

- Medical packaging
- Food packaging
- Office packaging
- Industrial packaging

## Technical Features

### Key Components

- Material feeding system
- Extruder
- Die
- Cooling system
- Lamination unit
- Winding mechanism