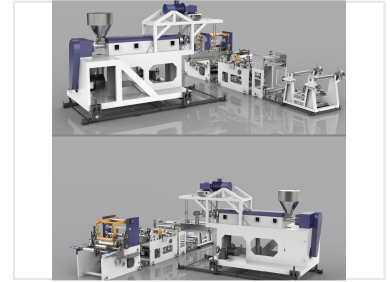


PLA Biodegradable Film Extrusion Laminator

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