

Double-Sided LCD OCA Laminating Machine

The double-sided film LCD OCA laminating machine is designed for simultaneous lamination of OCA film onto both sides of LCD panels. This machine ensures precise alignment and bubble-free lamination, enhancing the quality and durability of LCD modules.



Overview

High-Precision Double-Sided Laminating Solution

The Double-Sided LCD OCA Laminating Machine is engineered for simultaneous lamination of OCA film onto both sides of LCD panels, ensuring precise alignment and bubble-free results. It features an automated process that significantly increases production efficiency while minimizing material waste, making it ideal for high-volume manufacturing of electronic displays. With adjustable pressure controls and magnetic powder tension management, it guarantees the flatness and quality required for smartphones, tablets, and other high-end electronic devices.

Key Performance Metrics

Performance Metrics

30 M/Min

Maximum Speed

300 mm

Max Web Width

0.9 KW

Power Consumption

Technical Specifications

Power Supply	AC220V
Net Weight	350 kg
Dimensions (L*W*H)	1800*1060*1650 mm

Core Components

Motor	Magnetic power servo motor
Control System	PLC controlling system/module
Tracking Sensor	Taiwan photoelectrical tracking sensor
Roller Type	Silicon roller

Functional Features

Main Features

- Multiple sets of film fitting shafts for multi-layer material processing
- Magnetic powder tension controller for end-to-end tension management
- Independent pressure and gap adjustment for every plastic shaft
- Guaranteed flatness for all film fitting materials
- User-friendly and convenient operation

Application Scope

Compatible Materials

Category	Examples
Adhesive Pads	Pressure sensitive, silicon, inductive, and backlight adhesives
Dustproof Materials	Cosmetic cotton, high density foam, filtering cotton, nonwoven
Shockproof Series	EVA adhesive, Poron pad, 3M, transparency foot pads
Insulation Series	Aluminum foil, copper foil, PVC, PET, Kraft paper, EMI
Heat Insulation	Silicon pad, transparent mica, fiber cloth

Logistics & Support

Warranty

12 Months

Packaging

Strong wooden box in fumigation with hard PE film covered