

Three-Layer Co-Extrusion Cast Film Production Line

This production line utilizes advanced technology for efficient film creation. It features a forced feeding extruder, quick-change filter, and automatic thickness measuring.



Overview

High-Performance Co-Extrusion Line

This three-layer co-extrusion cast film production line is engineered for high-output, low-consumption manufacturing. It features advanced technology including a B&R computer centralized control system, automatic thickness measuring, and a double-station automatic gap winder with a rapid 20-second cycle. The modular design ensures ease of expansion, while the precision tension control system maintains winding tension as low as 10N/m for superior film quality.

Technical Specifications

Key Performance Metrics

550 Kg/h

Max Production Capacity

180 m/min

Max Mechanical Speed

2200 mm

Film Product Width

0.15 mm

Max Film Thickness

Machine Dimensions & Weight

Parameter	Value
Overall Dimensions	17000 x 10000 x 5500 mm
Total Weight	45 t

Extrusion & Winding

- Screw Diameter: 175/1120/175mm
- Screw Speed: 100 r/min
- Film Structure: A/B/C
- Max Winding Diameter: 1800mm
- Die Width: 2500 mm

Utilities & Requirements

Power & Utility Needs

- Power Supply: 3-phase 380V / 220V 50HZ
- Power Capacity: 650 KVA
- Compressed Air: >0.6Mpa, 3m³/h
- Cooling Power: 150000kcal/h (12/17°C)

Features

Advanced System Features

B&R Computer Control, Online Edge Recovery, Automatic Thickness Measuring, Corona Treatment, Servo Drive Control, Modular Design