

Biodegradable Heat Shrink Film Blowing Machine

This machine is engineered for the production of biodegradable heat shrink PE film. It employs a multi-layer extrusion system to create films tailored for packaging applications requiring biodegradability and heat shrinking.



Overview

Advanced Biodegradable Film Production

This high-performance film blowing machine is engineered for the production of biodegradable heating shrink PE film, a sustainable solution for modern packaging needs. It is widely utilized across various sectors including food, beverage, pharmaceuticals, and light industry to create airtight, moisture-proof, and shock-absorbent packaging. The system features advanced extrusion technology with a rotary die and precise winding mechanisms to ensure high-quality output and operational efficiency.

Technical Specifications

Model Number	SL-65-1200
Screw Diameter	65 mm
Screw Ratio	L=30D
Compatible Materials	LDPE, LLDPE, PLA, Recycled Materials

Performance Metrics

Key Performance Metrics

50 kw

Power Consumption

80 kg/h

Max Output

1100 mm

Max Film Width

Film Thickness Range	0.012mm - 0.3mm (LDPE)
Max Winding Diameter	800 mm

Physical Dimensions

Overall Size (L x W x H)	6800mm x 2800mm x 5800mm
Total Weight	5000 kg

Equipment Features

Key Features

- Rotary die for uniform film distribution
- 38CrMoAl screw and barrel with nitride surface treatment
- Double rewind system
- Integrated edge cutting functionality
- Special mixed segment screw design

Service & Terms

Warranty	1 Year
Payment Terms	30% deposit, 70% balance before shipment
Delivery Lead Time	Within 50 working days