

Multi-Layer Co-Extrusion Blow Molding Machine

This series of plastic blow molding machine combines multi-layer co-extrusion and micro-computer electro-hydraulic proportional control. It can form multi-layer co-extruded composite plastic containers with high strength, impact resistance, and barrier properties.



Overview

Advanced Multi-Layer Blow Molding Technology

This series of plastic blow molding machines utilizes advanced multi-layer co-extrusion, microcomputer electro-hydraulic proportional control, and variable frequency speed regulation to ensure high production efficiency and stability. Engineered with international-grade electrical and hydraulic components, the system offers superior plasticizing performance for complex materials. It is designed to produce high-strength, barrier-resistant composite containers suitable for the medical, pesticide, and chemical industries, effectively optimizing raw material usage.

Capabilities

Compatible Materials	EVA, PE, PP, PA, Ionomer Resin, Pearlescent Powder
Co-extrusion Layers	2-7 layers

Technical Specifications

Key Performance Metrics

60 kg/h

Max Plasticizing Capacity (Model 1)

70 kg/h

Max Plasticizing Capacity (Model 2)

65 r/min

Max Screw Speed

Model Comparison

Specification	SPZAV-2	2SPZADV-1
Max Volume (L)	2	1
Total Power (kW)	42.4	75
Average Energy Consumption (kW)	30	55
Machine Weight (t)	6	12

Utility Requirements

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- Compressed Air Pressure: 0.4~0.6 MPa
- Cooling Water Usage (Model 1): 2 m3/h
- Cooling Water Usage (Model 2): 3 m3/h