

Automatic Extrusion Blow Molding Machine with MOOG Controller

This extrusion blow molding machine is designed for manufacturing hollow plastic products. It features a robust frame, a high-capacity extruder, and a precision molding system.



ADDITIONAL IMAGES



Overview

High-Efficiency Blow Molding Solution

The JWB120Z Automatic Extrusion Blow Molding Machine is engineered for the high-volume production of hollow plastic containers. Equipped with a precision MOOG controller, this robust system ensures consistent quality and operational efficiency. It is designed to handle demanding industrial applications, offering significant plasticizing capacity and versatile molding capabilities for large-scale production needs.

Key Performance Metrics

Performance Highlights

350 L

Max Container Capacity

280 kg/hr

Plasticizing Capacity

1500 kN

Clamping Force

Technical Specifications

Machine Dimensions	9.1 x 3.6 x 5.6 meters
Total Weight	45 ton

Molding Capabilities

Platen Details

Specification	Value
Platen Opening Stroke	600-1400 mm
Platen Size	1400 x 1750 mm
Max Mould Size	1110 x 2000 mm
Min Mould Thickness	610-750 mm

Extruder & Die Head

Extruder Configuration

- Screw Diameter: 120 mm
- Screw L/D Ratio: 24
- Number of Heating Zones: 6
- Extruder Heating Power: 32 kW
- Extruder Driving Power: 90 kW

Die Head Specifications

- Max Die Pin Diameter: 500 mm
- Max Die Capacity: 25 L
- Power of Die Head: 39 kW

Power & Utilities

Energy & Power

- Pump Motor Power: 127.5 kW
- Average Energy Consumption: 152 kW
- Air Pressure: 0.18 MPa x 6
- Air Consumption: 1 m³/min