

Double Station Extrusion Blow Molding Machine

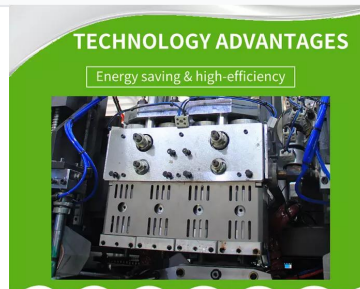
This double station extrusion blow molding machine is specialized for manufacturing bottles and containers under 10L. It features a toggle balance clamping structure and a high L/D ratio screw for stable extrusion.



ADDITIONAL IMAGES



Overview



Robust mechanical structure designed for energy efficiency and high-output performance.

High-Speed Double Station Blow Molding Machine

This double station extrusion blow molding machine is engineered for the efficient, high-volume production of plastic bottles and containers up to 10L capacity. Featuring a toggle balance clamping structure and linear guide movement, the system minimizes friction to achieve high-speed operation while maintaining precise control. Advanced multi-screw and multi-die head configurations are available to optimize material usage and product quality, making it an ideal solution for daily necessities, toiletries, and beverage packaging industries.

Key Performance Metrics

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10 L

Max Bottle Capacity

110 KN

Max Clamping Force

125 kg/hr

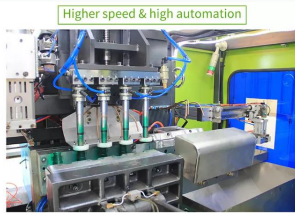
Max Extrusion Weight (HDPE)

Technical Specifications

Technical Specifications Table

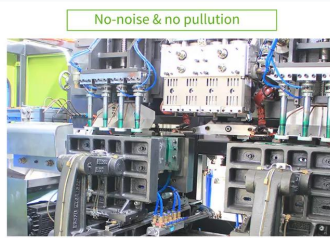
Parameter	EB30U55	EB70U85
Max Product Volume (L)	4	10
Clamping Force (KN)	65	110
Screw Diameter (mm)	55	85
Extrusion Motor (KW)	11	30
Machine Weight (kg)	4400	5820

Features



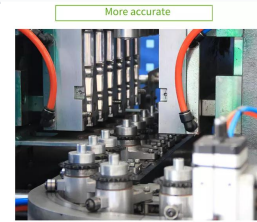
Blowing units
Parts of pneumatic system are imported from Germany, Japan etc, which are top brands in the world. These make sure the operation of machine reliably and accurately; the air circulation is large while the leakage is very small.

High-automation blowing units utilizing premium pneumatic components for reliable air circulation and minimal leakage.



Die-head
Multi-screw & multi-die head can be adopted to improve the quality of the product and lower down the cost of material.

Advanced die-head design supporting multi-screw configurations to improve product quality and reduce material waste.



Auxiliary equipment
Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming equipment.

Optional auxiliary equipment such as auto-deflashing and rotary trimming devices for fully automatic production.

Key Machine Features

- Toggle balance clamping structure with linear guides
- Finite Element Analysis (FEA) designed frame components
- High-speed mold clamping cylinder with anti-shock cushion valve
- High L/D ratio screw for stable plasticizing
- Multi-way PID controlled temperature heating
- Optional auto-deflashing and rotary trimming devices

Applications

Suitable Applications

Daily Necessities, Toiletries, Beverage Packaging, Plastic Containers, Hollow Plastic Products