

Four-Cavity Automatic Blow Molding Machine

This four-cavity automatic blow molding machine is designed for high-volume production of plastic containers. It features precise control systems for consistent and efficient operation, capable of producing various container sizes and shapes.



ADDITIONAL IMAGES



Overview

High-Efficiency 4-Cavity Automatic Blow Molding Solution

The HZ-4LS is a fully automatic blow molding machine designed for high-volume production, featuring a servo motor drive for exceptional stability and energy efficiency. It is engineered to produce bottles up to 2.25L with a theoretical output of up to 6000 pieces per hour, making it an ideal choice for medium to large-scale enterprises. The system's advanced air source control and high-pressure clamping ensure uniform product quality and seamless integration directly into filling lines.

Performance Metrics

Production Capacity

6000 PCS/H
Max Output

4 Qty
Mold Cavities

2.25 L
Max Volume

Technical Specifications

ITEM	unit	HZ-4LS
NO.of cav	Cavity	4
Theoretical output	Pcs/h	5500-6000
MAX container volume	L	2.25
MAX neck diameter	mm	32
MAX container diameter	mm	115
MAX container height	mm	340
Heating power	KW	50
Operating low pressuer	Mpa	0.8
Blowing pressuer	Mpa	3.5
Machine dimension	M	3.7 × 1.55 × 2.7
Machine weight	Kg	4500
Conveyor dimension(LxWxH)	M	1.5 × 0.85 × 2.2
Conveyor weight	Kg	500

Detailed technical parameters including output capacity, dimensions, and power requirements.

Technical Data Sheet

Parameter	Specification
Max Neck Diameter	32 mm
Max Container Diameter	115 mm
Max Container Height	340 mm
Heating Power	50 KW
Operating Low Pressure	0.8 Mpa
Blowing Pressure	3.5 Mpa

Key Features

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- Servo motor drive for stable and energy-saving operation
- Hanging-heated preforms to decrease electricity consumption
- Advanced high-pressure clamping mechanism for low vibration
- First-class air source control system for airflow consistency
- Direct connection capability to downstream filling lines
- Short center distance design for higher blowing speeds

Material Compatibility

Compatible Materials	PET, HDPE, PP
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Physical Dimensions

Machine Weight	4500 kg
Machine Dimensions (LxWxH)	3.7 x 1.55 x 2.7 m
Conveyor Weight	500 kg
Conveyor Dimensions (LxWxH)	1.5 x 0.85 x 2.2 m

Operation

Fully Automatic	Yes
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