

Automatic Blow Molding Machine for PET Preforms

This machine automatically heats and blows preforms into bottles. It is capable of producing both standard and wide-mouth bottles.



ADDITIONAL IMAGES



Overview

HZ-1000 Automatic Blow Molding Machine

The HZ-1000 is an efficient, automatic blow molding machine engineered for the production of both standard and wide-mouth PET containers. By combining manual preform feeding with automated heating and blowing cycles, this machine offers a cost-effective solution for manufacturers seeking stable performance without high technical requirements for operators. It is a versatile choice suitable for various beverage, food, and chemical packaging applications.

Performance Metrics

Theoretical Output

500 Pcs/h

Single Cavity

1200 Pcs/h

Double Cavity

Technical Specifications

Model NO	unit	HZ-1000	
No. of cav	Cavity	1	2
Theoretical output	Pcs/h	500	1200
Max container volume	L	4.5	2
Max neck diameter	mm	145	111
Max container diameter	mm	150	110
Max container height	mm	290	290
Heating power	KW	36	36
Operating low pressuer	Mpa	0.8	0.8
Blowing pressuer	Mpa	3.5	3.5
Machine dimension(L*W*H)	M	2.8 x 1.8 x 2.0	2.8 x 1.8 x 2.0
Machine weight	Kg	2100	2300

Detailed technical specifications and performance data for single and double cavity configurations.

Machine Weight

2100 Kg

Single Cavity

2300 Kg

Double Cavity

Pressure Requirements

0.8 Mpa

Operating Low Pressure

3.5 Mpa

Blowing Pressure

Machine Dimensions (L x W x H)

2.8 x 1.8 x 2.0 meters

Heating Power

36 KW

Container Capabilities

Container Specifications

Feature	Single Cavity	Double Cavity
Max Volume	4.5 L	2 L
Max Neck Diameter	145 mm	111 mm
Max Container Diameter	150 mm	110 mm
Max Container Height	290 mm	290 mm

Features

Key Advantages

Automatic Heating, Automatic Blowing, Wide-mouth Compatible, Manual Preform Feeding, Stable Performance, Cost-Efficient