

8-Cavity High Speed Blow Molding Machine

This high-speed blow molding machine is designed for efficient production of plastic containers. The 8-cavity design maximizes output, making it ideal for large-scale production environments.



ADDITIONAL IMAGES



Overview

High-Performance Blow Molding Solution

This high-speed, fully automatic blow molding machine is engineered for the efficient, large-scale production of plastic containers. Featuring a high-cavity design, it offers exceptional throughput while maintaining consistent quality. Advanced features such as hanging-heated preform systems and precise temperature controls ensure energy efficiency and reliable performance for various bottle manufacturing needs.

Performance Metrics

Theoretical Output

12000 BPH
Minimum Output

13000 BPH
Maximum Output

Cavity Configuration

8 Cavities

Technical Specifications

Model NO	unit	HZ-4HSP	HZ-6S-HSP	HZ-6HSP	HZ-8HSP	HZ-10HSP
No.of cav	Cavity	4	6	6	8	10
Theoretical output	Pcs/h	6000-7000	9000-10000	9000-10000	12000-13000	15000-16000
Max container volume	L	2.25	0.9	1.5	1.5	0.9
Max neck diameter	mm	32	32	32	32	32
Max container diameter	mm	126	87	105	105	85
Max container height	mm	320	320	320	320	320
Heating power	KW	72	80	80	80	108
Operating low pressuer	Mpa	0.8	0.8	0.8	0.8	0.8
Blowing pressuer	Mpa	3.5	3.5	3.5	3.5	3.5
Machine dimension(L*W*H)	M	5.5 x 2.1 x 2.6	5.5 x 2.1 x 2.6	5.8 x 2.2 x 2.6	6.5 x 2.2 x 2.6	6.5 x 2.2 x 2.6
Machine weight	Kg	6000	6000	7000	7500	8000
Conveyor dimension	M	2.55 x 1.55 x 2.6	2.55 x 1.55 x 2.6	2.55 x 1.55 x 2.6	2.75 x 1.55 x 2.6	2.75 x 1.55 x 2.6
Conveyor weight	Kg	500	500	500	600	600

Technical data comparison for different machine configurations, including the 8-cavity model.

Container Specifications

Parameter	Value
Max Bottle Size	1.5 L
Max Neck Diameter	32 mm
Max Container Diameter	105 mm
Max Container Height	320 mm

Operating Pressures

- Operating Low Pressure: 0.8 Mpa
- Blowing Pressure: 3.5 Mpa

Heating Power 80 KW

Dimensions and Weight

Machine Dimensions (L*W*H)	6.5 x 2.2 x 2.6 M
Machine Weight	7500 Kg
Conveyor Specifications	2.75 x 1.55 x 2.6 M / 600 Kg

Key Features

Key Features Fully Automatic, Energy-Efficient, Hanging-Heated Preforms, High-Speed, Direct Filling Line Connection