

High Speed 4-Cavity Blow Molding Machine

This high-speed blow molding machine is designed for efficient production of plastic containers. It features a 4-cavity mold to maximize output.



ADDITIONAL IMAGES



Product Overview

High-Speed Blow Molding Efficiency

This high-speed, fully automatic blow molding machine is engineered for the efficient production of plastic containers. It features an advanced hanging-heated preform system that significantly reduces electricity consumption while maintaining high output rates. Designed for seamless integration, the machine can connect directly to existing filling lines, making it an ideal solution for high-volume packaging operations.

Performance Metrics

Key Performance Metrics

7500 BPH

Max Output (4-Cavity)

2.25 L

Max Bottle Volume

32 mm

Max Neck Diameter

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 |

Comparison of technical specifications across the HZ-HSP series models.

Model Specifications

| Model | Cavities | Output (Pcs/h) | Max Vol (L) |
|-----------|----------|----------------|-------------|
| HZ-4HSP | 4 | 6000-7000 | 2.25 |
| HZ-6S-HSP | 6 | 9000-10000 | 0.9 |
| HZ-6HSP | 6 | 9000-10000 | 1.5 |
| HZ-8HSP | 8 | 12000-13000 | 1.5 |
| HZ-10HSP | 10 | 15000-16000 | 0.9 |

Operational Details

System Pressures

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

Heating Power Range

72 KW

Physical Dimensions

Machine Dimensions (L x W x H)

5.5m x 2.1m x 2.6m (Base Model)

Machine Weight

6000 Kg

Key Features

Machine Highlights

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