

Watering Pot and Bottle Blow Molding Machine

This blow molding machine is designed for producing plastic watering pots and bottles with a maximum capacity of 5L. It is compatible with materials like HDPE, PP, PVC, and ABS.



Overview

Professional Blow Molding Performance

This blow molding machine is engineered for the high-volume production of plastic watering pots and bottles. It features robust construction and precise control systems to ensure consistent manufacturing quality while minimizing material wastage. Designed for professional production environments, the machine offers reliable performance and an intuitive user interface for streamlined monitoring.

Performance Metrics

Key Performance Metrics

1000 pc/hr

Output Capacity

5 L

Max Container Capacity

68 kN

Clamping Force

70 kg/hr

Plasticizing Capacity

Technical Specifications

Extruder and Screw Details

| Parameter | Value |
|------------------------|---------|
| Screw Diameter | 65 mm |
| Screw L/D Ratio | 24 L/D |
| Heating Zones | 3 zones |
| Extruder Heating Power | 13.8 kW |
| Extruder Driving Power | 15 kW |

Moulding Parameters

- Die sets: 1, 2, 3, or 4
- Platen size: 330 x 370 mm
- Platen opening stroke: 200-500 mm
- Mould thickness: 205 mm
- Move mould stroke: 420 mm

Physical and Utility Requirements

Physical Dimensions and Power

- Dimensions: 3.1 x 1.8 x 2.6 m
- Total weight: 4.5 tons
- Oil pump motor power: 11 kW
- Max hydraulic pressure: 12 MPa
- Air pressure: 0.7 MPa
- Air consumption: 0.6 m³/min