

# 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 m<sup>3</sup>/min