

# Injection Blow Molding Machine

The injection blow molding machine is designed for the high-precision manufacturing of plastic containers. It integrates injection molding and blow molding processes to produce finished products in a single cycle, optimizing efficiency and reducing production costs.



## Overview

### High-Efficiency Injection Blow Molding

This Injection Blow Molding Machine integrates injection and blow molding processes into a single, highly efficient cycle, designed for the high-precision manufacturing of plastic containers. It features a robust hydraulic system for consistent operation and a programmable control interface for precise management of temperature, pressure, and cycle times. Engineered for versatility, it supports the production of a wide range of hollow plastic parts, including bottles and containers, with multi-cavity capabilities for high-volume output.

## Technical Specifications

Screw Diameter	40 mm
Screw L/D Ratio	22:1
Max Theoretical Capacity	165 cm <sup>3</sup>
Main Motor Power	11 kw
Hydraulic System Pressure	14 mpa

## Performance Metrics

### Injection Mould Clamping Force

**280 kn**

Injection Clamping Force

### Blowing Mould Clamping Force

**50 kn**

Blowing Clamping Force

Idle Time	3.5 s
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## Product Compatibility

### Formability Range

Parameter	Value
Product Volume	5-500 ml
Max Height	d200mm
Max Diameter	d100mm