

# Injection Blow Moulding Machine

This injection blow moulding machine produces plastic containers and bottles using a three-station process of injection, blowing, and ejection. It features a robust hydraulic system, PLC control, and adjustable parameters for optimal production with minimal maintenance.



## Overview

### High-Performance Injection Blow Moulding

This injection blow moulding machine is engineered for the precise manufacturing of plastic containers and bottles. Utilizing a robust hydraulic system and advanced control interfaces, it supports materials such as PE, PP, and PVC to deliver consistent, high-quality production. Designed for continuous operation, this machine ensures efficiency and reliability for industrial hollow plastic product manufacturing.

## Technical Specifications

Screw Diameter	45 mm
Screw L/D Ratio	22:1
Max Theoretical Capacity	254 cm <sup>3</sup>
Main Motor Power	22 kW

## Performance Metrics

### Injection Clamping Force

**450 kN**

Injection Mould

**70 kN**

Blowing Mould

Hydraulic System Pressure	16 MPa
Idle Time	4 s

## Product Capability

### Formability Range

Metric	Specification
Product Volume	5-500 ml
Max Height	d200mm
Max Diameter	d100mm