

Injection Blow Moulding Machine

The injection blow moulding machine is a high-precision, automated system designed for manufacturing hollow plastic products. It integrates injection molding and blow molding processes for efficient production of bottles, containers, and other complex shapes.



Overview

High-Efficiency Injection Blow Moulding System

This injection blow moulding machine is an automated, high-precision system engineered for the efficient manufacturing of hollow plastic products such as bottles and containers. It combines injection and blow moulding processes to ensure consistent quality, reduced material waste, and high output rates. The machine features a robust hydraulic system and is compatible with various plastic materials including PE, PP, and PVC.

Certifications

CE

Technical Specifications

Screw Diameter	40 mm
Screw L/D Ratio	22:1
Max Theoretical Capacity	165 cm ³
Hydraulic System Pressure	14 MPa
Idle Time	3 s

Performance Metrics

Key Performance Metrics

300 kN

Injection Mould Clamping Force

55 kN

Blowing Mould Clamping Force

15 kW

Main Motor Power

Production Capabilities

Formability Range

500 ml

Max Product Volume

200 mm

Max Product Height

100 mm

Max Product Diameter

Cavity Number Reference

Diameter (mm)	Cavity Number
25	Reference Data
30	Reference Data
38	Reference Data
48	Reference Data
60	Reference Data