

Injection Blow Moulding Machine

This injection blow moulding machine is a high-performance solution for producing plastic containers. The machine integrates injection moulding and blow moulding processes to create complex shapes with excellent dimensional accuracy and surface finish.



Overview

High-Performance Injection Blow Moulding

This injection blow moulding machine provides a high-performance solution for producing precision plastic containers. By integrating injection and blow moulding processes, it achieves excellent dimensional accuracy and surface finish for complex shapes. Designed for versatility, it is suitable for manufacturing bottles, jars, and hollow products from materials like PET, PP, and PVC, offering energy-efficient operation and a compact, modular footprint.

Technical Specifications

Screw Diameter	40 mm
Screw L/D Ratio	32:1
Max. Theoretical Capacity	165 cm ³
Main Motor Power	11 kw

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
Hydraulic System Pressure	14 MPa

Product Capability

Product Formability Range

- Volume: 5-500 ml
- Max Height: d200 mm
- Max Diameter: d100 mm

Cavity Number Reference

Diameter (mm)

25

30

43

65

8