

PET Preform Injection Molding Machine

This injection molding machine is designed for high-performance production of PET preforms and other plastic products. It features a robust clamping unit for precise mold closure and a high-efficiency injection unit for consistent material delivery.



Overview

High-Efficiency PET Preform Production

The BL90EM-PET injection molding machine is engineered specifically for high-performance production of PET preforms. Featuring a robust clamping unit for precise mold closure and a high-efficiency injection system, this machine ensures consistent material delivery and high-quality output. Its energy-efficient design and advanced control system help minimize cycle times and power consumption, making it an ideal, cost-effective solution for large-scale manufacturing operations.

Injection Unit

Shot Weight (PET)

164 g

Shot Weight

5.8 oz

Shot Weight

Screw Diameter	32 mm
Screw L/D Ratio	25
Injection Pressure	203 Mpa

Clamping Unit

Ejector Specifications

- Stroke: 120 mm
- Force: 45 KN
- Number of Ejector Pins: 5

Clamping Force	900 KN
Opening Stroke	300 mm
Space Between Tie-Bar	365 x 325 mm
Mold Height Range	150 - 380 mm

Technical Specifications

Power Consumption

13 KW

Electric Motor

7.5 KW

Heating Pump

Machine Dimensions & Weight

Parameter	Value
Dimensions	4.2 x 1.2 x 1.9 m
Weight	3 tons

System Pressure

16 Mpa