

# PET Preform Injection Molding System

This high-speed PET preform injection molding system is designed for efficient production. It integrates advanced injection molding technology with optimized material handling and cooling systems to maximize output and minimize cycle times.



## System Overview

### High-Performance PET Preform Production

This high-speed injection molding system is engineered specifically for the efficient, high-volume production of PET preforms. By integrating advanced injection technology with optimized material handling and rapid cooling systems, the machine maximizes output while significantly minimizing cycle times. The robust construction and sophisticated control interface ensure consistent preform quality, dimensional accuracy, and long-term operational reliability.

## Technical Capabilities

### Performance Metrics

**48 cavities**

Cavity Capacity

System Type	High-speed PET preform injection molding system
Key Features	High-speed injection, Optimized cooling, Precise clamping, Modular design, High-volume production

## System Design

### Design Highlights

- Robust injection unit for consistent melt quality
- Precise mold clamping mechanism
- Sophisticated control system for process management
- Modular architecture for easy maintenance and integration