

# Automatic Hot Beverage Filling Machine for PET Bottles

This monobloc machine rinses, fills hot liquid, and caps PET bottles at a rate of 8000-30000 BPH for juice and tea drinks. It features PLC control, temperature management, a CIP cleaning system, and low vacuum filling to meet the requirements of various beverage types.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Hot Filling Solution

This totally enclosed monobloc system integrates rinsing, filling, and capping processes specifically designed for hot-filled beverages like tea and juice in PET bottles. Engineered for high-throughput production environments, it features advanced PLC-controlled automation, automatic CIP cleaning, and precise temperature regulation to ensure product quality. Its robust design, including specialized bearing blocks and patented capping technology, guarantees smooth operation and high-speed filling reliability.

## Performance & Capacity

### Production Capacity

**8000 BPH**

Min Capacity

**30000 BPH**

Max Capacity

### Model Identifiers

QSF-1200025, RXGFD14-12-5

## Technical Specifications

### Automation & Control

- PLC Control System
- MML Interface
- Frequency Conversion Speed Control
- Automatic CIP Cleaning System
- Filling Temperature Control
- Automatic Oil Greasing System

### Filling Technology

Low vacuum pressure filling

## Mechanical Design

Capping Head Height	110 mm
Bearing Design	3-bearing block design (2 deep groove ball bearings, 1 thrust bearing)

## Safety & Maintenance

### Safety Features

Clutch Protection Device • Oil Seal Protection • Drain Board Equipped