

# High Pressure Polyurethane Foam Injection Machine

This high-pressure polyurethane foam injection machine offers repeatable injection precision and consistent mixing. It provides stable performance, ease of operation, and high production efficiency.



## Overview

### High Performance PU Foam Injection

The CZ-1800 is a high-pressure polyurethane foam injection machine engineered for precision and efficiency in industrial applications. It features advanced high-pressure mixing technology that ensures consistent, homogeneous foam quality across every cycle. Designed for reliability, the system includes dual material tanks and a sophisticated control interface, making it an ideal choice for the automotive, construction, and insulation industries.

## Performance Metrics

### Repeat Injection Accuracy

**1 %**

Accuracy

### Injection Pressure

**10 Mpa**

Min Pressure

**20 Mpa**

Max Pressure

## Technical Specifications

### Machine Specifications

Parameter	Value/Detail
Foam Application	Rigid foam
Mixing Ratio Range	1:5 to 5:1 (adjustable)
Injection Time Range	0.5 to 99.99s
Tank Volume	280L
Temperature Control Accuracy	±2°C

## Operational Requirements

Power Requirements	Three-phase five-wire 380V
Compressed Air Needed	Dry, oil-free; 0.7Mpa; 600NL/min
Heating Capacity	18 Kw

## Key Features

Core Features	High repeat precision, Even mixing, Stable performance, Easy operation
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