

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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