

# Single Station Wax Injector for Investment Casting

This C-frame single-station wax injector is suitable for investment casting silica sol pattern forming lines. It allows for free changes of the wax container.



## Product Overview

### Precision Single Station Wax Injector

This C-frame single station wax injector is engineered for high-efficiency investment casting and silica sol pattern forming. It features a specialized temperature control system that transitions wax from liquid to paste state, significantly reducing operational costs. With a robust stainless steel wax conveying pipe and a reliable PLC control system, this machine ensures stable wax formatting and prevents spills during production.

## Technical Specifications

### Clamp Force

**8 T**

Minimum

**100 T**

Maximum

### Wax Reservoir Capacity

**70 L**

Minimum

**120 L**

Maximum

### Injection Pressure

0.63 MPa

### Single Shot Capacity

7 L

## Operational Requirements

### Water Requirement

3.2 m3/h

### Air Requirement

0.4 - 0.8 MPa

## System Configuration

### Core Components

- Hydraulic station
- PLC Control Program (Omron/Siemens)
- Modular valves
- Stainless steel wax conveying pipe

## Design Features

### Key Features

C-Frame Design, Anti-Spill Technology, Temperature Control (45-100°C), Pressure Resistant Protection