

Two-Station Wax Injection Machine for Investment Casting

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



Product Overview

High-Efficiency Two-Station Wax Injector

This double-station wax injection machine is engineered to streamline investment casting operations through an advanced C-frame design. Featuring precise PLC control and specialized temperature management, it transitions efficiently between wax liquid and paste states to optimize cycle times. The system is built for reliability, providing high-pressure accuracy and safety-first features for industrial-scale pattern forming.

Performance Metrics

Operating Specifications

10 T

Max Clamping Force

0.63 MPa

Max Injection Pressure

120 L

Max Reservoir Capacity

2.5 L

Max Single Shot

Technical Specifications

Facility Utility Requirements

Resource	Requirement
Water	3.2 M3/h
Air Pressure	0.4-0.8 MPa

Features

System Capabilities

- Double temperature protection system
- Anti-spill wax injection technology
- Pressure-resistant safety system
- PLC-based automated control
- Anti-pinch hand safety guard
- Nozzle-press protection

Core Components

PLC: Omron/Siemens, Modular Valves: China/Taiwan, Stainless Steel Conduits