

Rotary Table Wax Injection Machine for Investment Casting

This table-turned wax injection machine is suitable for investment casting silica sol pattern forming lines. It allows free change of wax container.



Product Overview

Precision Wax Injection for Investment Casting

This table-turned wax injection machine is engineered for high-efficiency investment casting production lines. Featuring a rotating 180-degree operating plate and an automated nozzle positioning system, it significantly enhances throughput by allowing one-handed pattern retrieval. With PLC-controlled manual and automatic modes, it ensures reliable, repeatable performance while utilizing a heat exchange system to maintain optimal wax consistency.

Technical Specifications

Performance Metrics

0.63 MPa Max Injection Pressure	120 L Max Reservoir Capacity	2 L Max Single Shot
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Clamp Force	5T, 8T, 10T
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Operating Requirements

Utility Specifications

Requirement	Value
Power Supply	380V, 50Hz, 15A
Water Usage	2 m ³ /h
Air Usage	5 m ³ /h, 0.6-0.8MPa
Cooling Water Temp	0-10°C

Installation Guidelines

- Must be grounded for safety
- Requires flat cement concrete floor
- Floor load capacity must be at least 2 tons/m²
- Wax must be stewed for at least 4 hours before use