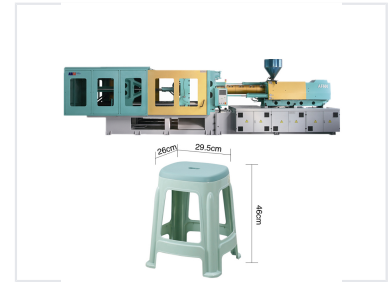


Liquid Silicone Rubber Injection Molding Machine

This horizontal injection molding machine is designed for liquid silicone rubber (LSR) processing. It features a precision injection unit with optimized screw design for accurate material metering and mixing.



ADDITIONAL IMAGES



Overview

High-Performance LSR Processing

This horizontal injection molding machine is specifically engineered for the precise processing of Liquid Silicone Rubber (LSR). It features a robust clamping unit and an advanced injection system designed to handle complex geometries and tight tolerances. With integrated precision temperature control and high-speed mold handling, it ensures consistent, high-quality production for demanding industries such as medical, automotive, and electronics.

Injection System

注射机构
INJECTION UNIT

进口油缸
Imported Oil Cylinder Injection System
 进口高精度线性导轨
Imported High Precision Linear Guide
 陶瓷加热器
Ceramic Heaters

The injection unit utilizes a balanced twin-cylinder system and ceramic heaters for precise, uniform material delivery.

Key Features

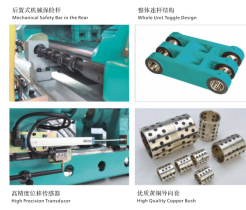
- Imported high-precision linear motion guides
- Ceramic heating elements for uniform thermal distribution
- Automated injection lubrication system

Injection Architecture

Balanced Twin-Cylinder, Optimized Screw Design

Clamping Unit

锁模机构 CLAMPING UNIT



The clamping unit features a robust toggle design with high-precision transducers and copper bushes for reliable operation.

Clamping Components

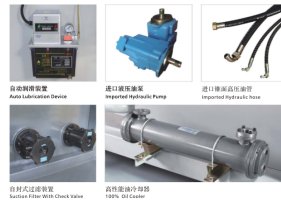
- Rear-mounted mechanical safety bar
- High-precision displacement transducer
- High-quality copper guide bushes

Clamping Mechanism

Whole Unit Toggle Design, High-Speed Opening/Closing

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



The hydraulic system is equipped with high-quality imported pumps, hoses, and an efficient oil cooling system to ensure longevity and performance.

Hydraulic System Components

- Imported hydraulic pump
- Imported high-pressure hydraulic hoses
- Suction filter with integrated check valve
- 100% oil cooler system
- Auto-lubrication device

Electrical Control



Advanced electrical control system featuring TECHMATION Hunter II modules for precise pressure and flow regulation.

Control System Modules

TECHMATION Hunter II • TECHHYBS

Monitoring Capabilities

- Digital pressure voltage monitoring
- Digital flow voltage monitoring
- User-friendly interface for process monitoring