

Automatic Plastic Spoon Injection Molding Machine

This automatic plastic injection molding machine is designed for the efficient production of plastic parts, particularly spoons. It features a servo motor for energy-saving operation and precise control.



ADDITIONAL IMAGES



Overview

High-Efficiency Plastic Injection Molding

The AF130 is an automatic plastic injection molding machine optimized for high-volume production of items like plastic spoons. Equipped with a servo motor drive system, it delivers significant energy savings while maintaining precise control over injection parameters. Its robust construction and advanced hydraulic systems ensure consistent part quality and long-term reliability for professional manufacturing environments.

Key Performance Metrics

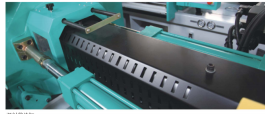
Performance Highlights

130 AF

Model Series

Injection Unit

注射机构 INJECTION UNIT



平衡双缸
Balanced Twin Cylinder Injection System



注射润滑系统
Injection Lubrication System



进口高精度直线导轨
Imported High Quality Linear Motion Guide



陶瓷加热器
Ceramic Heater

Balanced twin cylinder injection system equipped with high-precision linear guides and ceramic heaters.

Injection Components

- Injection lubrication system
- Imported high-quality linear motion guides
- Ceramic heater bands for uniform heating

Injection System

Balanced twin cylinder injection system

Clamping Unit

锁模机构 CLAMPING UNIT

后装式机械安全杆
Rear-Mounted Safety Bar (to the Rear)



整体连杆结构
Whole Unit Toggle Design



高精度位置传感器
High Precision Transducer



优质黄铜衬套
High Quality Copper Bush

The clamping unit features a whole unit toggle design and a mechanical safety bar for reliable and safe operation.

Clamping Mechanism

- Whole unit toggle design
- High-precision position transducer
- High-quality copper bushes
- Rear-mounted mechanical safety bar

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



High-performance hydraulic system featuring imported pumps and efficient oil cooling technology.

Hydraulic Features

- Imported hydraulic pump
- Imported cone-face high-pressure hydraulic hoses
- Self-sealing suction filter with check valve
- High-performance oil cooler (100%)
- Automatic lubrication device

Control System

电气控制系统 ELECTRICAL SYSTEM



The control system utilizes advanced drive technology and digital monitoring for pressure and flow.

Electrical & Control

- Techmation Hunter II drive system
- Digital voltmeters for pressure and flow monitoring
- Servo motor energy-saving technology
- Advanced digital control panel

Material Compatibility

Supported Materials

General Plastic, Engineering Plastic, PC, PMMA, Fiber Glass Reinforced Plastic

Efficiency & Sustainability

Energy Efficiency

- Servo motor driven energy-saving operation
- Reduced hydraulic energy consumption during high oil temperatures
- Effective reduction in cooling water consumption