

# 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

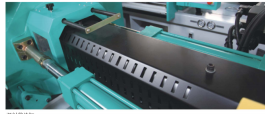
### Performance Highlights

**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



高质量铜衬套  
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