

Mobile Phone Shell Plastic Injection Molding Machine

This machine is designed for producing mobile phone shells and other plastic components. It features a servo motor for energy-efficient operation and precise control over the injection molding process.



ADDITIONAL IMAGES



Overview

High-Precision Mobile Phone Shell Injection Molding

The AF220 is a specialized plastic injection molding machine engineered for the high-volume production of mobile phone shells and precision electronic components. Equipped with an advanced servo motor system, it delivers significant energy savings while maintaining the precise control necessary for complex geometries. This machine is optimized for consistent part quality, reduced cycle times, and reliable performance in demanding industrial environments.

Key Features

Performance Highlights

220 AF

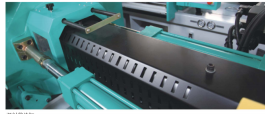
Model Series

100 %

Oil Cooler Efficiency

Injection Unit

注射机构 INJECTION UNIT



平衡式双缸
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 Precision Linear Motion Guide



陶瓷加热器
Ceramic Heaters

The injection unit features a balanced twin cylinder system and ceramic heaters for precise material processing.

Injection System Details

- Balanced twin cylinder injection system
- Integrated injection lubrication system
- Imported high-precision linear motion guides
- High-efficiency ceramic heaters

Clamping Unit

锁模机构 CLAMPING UNIT

后架式机械安全杆
Mechanical Safety Bar at the Rear



整体连杆结构
Whole Unit Toggle Design



高精度位移传感器
High Precision Transducer



高品质铜衬套
High Quality Copper Bush

High-precision clamping unit with a whole unit toggle design and mechanical safety features.

Clamping Mechanism

- Whole unit toggle design for structural integrity
- Rear-mounted mechanical safety bar
- High-precision transducer for displacement measurement
- High-quality copper bushings for guiding support

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



Advanced hydraulic system including imported pumps and an efficient oil cooling unit.

Hydraulic Components

- Imported hydraulic pump and high-pressure hoses
- Automatic lubrication device
- Suction filter equipped with check valve
- High-performance oil cooler to reduce water consumption

Electrical Control

电气控制部分 ELECTRICAL SYSTEM



The electrical system provides real-time monitoring of pressure and flow voltages via digital displays.

Control System

- Digital voltmeters for pressure and flow monitoring
- Advanced inverter drive system
- Integrated control panel with display and keypad
- Precise electrical monitoring modules

Material Compatibility

Compatible Materials

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

Efficiency & Sustainability

Energy Saving Features

Yes