Two-Color Plastic Injection Molding Machine

This two-color injection molding machine specializes in manufacturing double-color plastic products. Its advanced driving system reduces manufacturing costs while ensuring excellent product performance and ease of operation.

ADDITIONAL IMAGES

Product Overview

The dual-color system allows for complex multi-material plastic production.

Advanced Two-Color Injection Solutions

This specialized injection molding machine is engineered for the efficient manufacturing of double-color plastic products. It features an advanced driving system that reduces manufacturing costs while remaining easy to operate. By utilizing a rotary mold design and independent controls for shot platforms, it achieves high precision and energy savings for complex multi-material applications.

Key Performance Metrics

Performance Highlights

200 kN	490 mm	1060 mm
Clamping Force	Opening Stroke	Max. Daylight

Technical Features

Robust frame and advanced hydraulic system for high-volume manufacturing.

Core Features

- Rotary Mold Design with 180° movable platen
- Mechanical Positioning for high stability
- External Hydraulic and Water Cooling System
- Servo Hydraulic System for energy efficiency
- Two independent controls for simultaneous injection

Maintenance Design	Yes

Clamping Unit

Precision clamping unit designed for multi-component repeatability.

Platen Size	1252 x 900 mm
Clamping Force Range	160 ~ 400 Ton

Injection Unit

Independent injection controls enable simultaneous material processing.

Shot Weight (PS)	106 ~ 617 g

Operational Capabilities

Dual Material Injection

The machine supports two distinct operational modes: sequential injection where the rotary platen turns 180° between shots, or simultaneous injection where both materials are injected at the same time to form the final product shape.

Applications

Typical Applications	Two-Color Injection Products, Toothbrushes, Multi-colored Handles, Automotive Components, Consumer Goods, Medical Devices