

**LKIMM**



**VARIA SERIES**  
**MULTI-COMPONENT HIGH PRECISION**  
**INJECTION MOLDING MACHINE**

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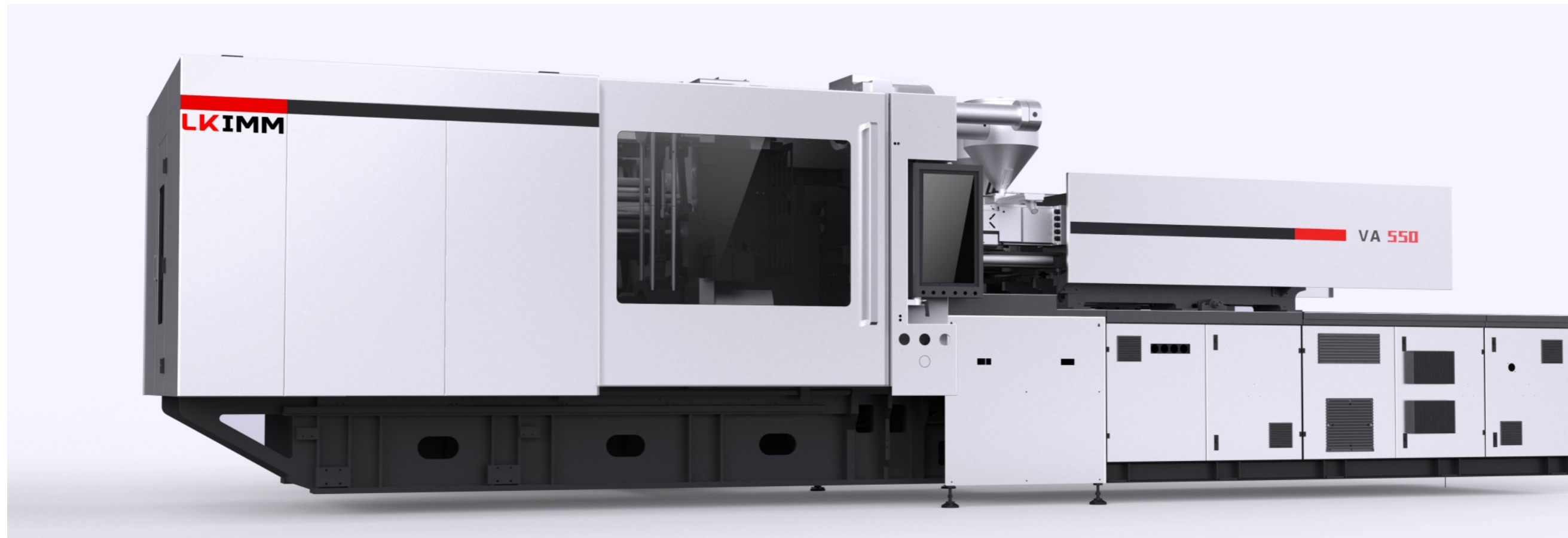
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LK INJECTION MOLDING MACHINE

## VARIA SERIES



### Multi-Component High Precision Injection Molding Machine

#### Clamping Unit

- Stable rotary table movement
- Independent dual ejection cylinder
- Precise mold guidance & platen parallelism
- Well-lubricated clamping unit with longer service life and less wear

#### Multi-Component Injection Unit

- Single cylinder injection for higher accuracy
- Linear guide rail for injection unit, less friction and lubrication
- Ability to adapt to different kinds of materials in a stable condition
- Optimized purge guard, screw and barrel cover for safety and aesthetics

#### Control Unit

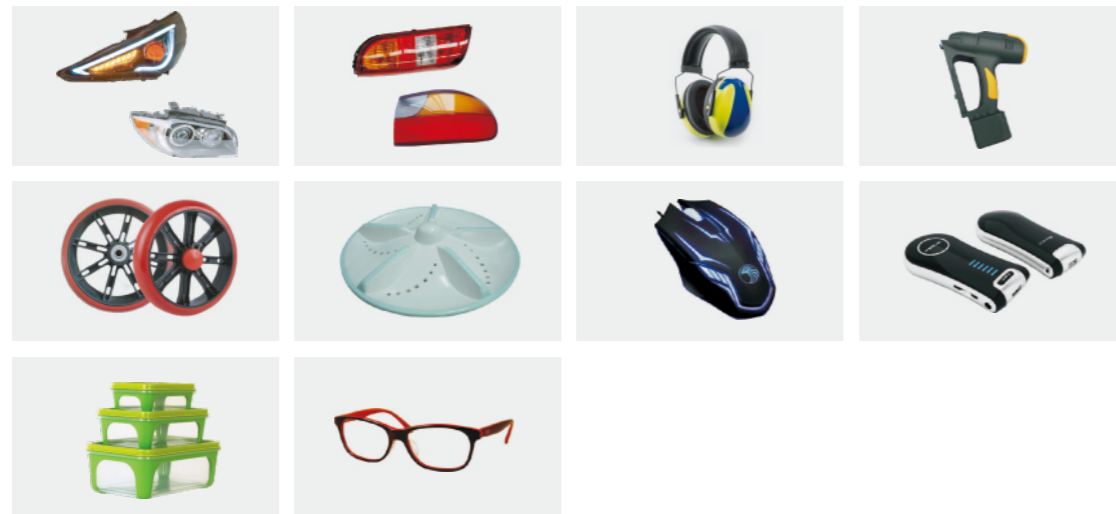
- Well-proven european brand control system
- Swivel type control panel with user-friendly design
- Professional multi-component injection production process control
- Remote production management system (optional)
- Fast responsive time with stable and powerful servo system.
- Equipped with high precision and sensitivity pressure sensor that runs under closed-loop control.
- Electrical and Hydraulic components are from famous international brands.
- Comply with the latest safety standards.

# SOLUTION

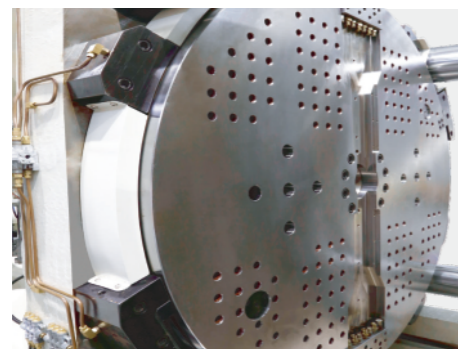
## Application

The VA series has a wide array of applications utilizing different materials, such as PP, ABS, PC, TPE and so on. Coupled with 2-3 positions (optional) rotary table, products of different color or different materials can be produced. The injection molding machine is widely used in industries such as automotive, white goods and household appliances, and is highly regarded by customers.

Application industry: auto parts, daily necessities, home appliances, etc.



## Unique rotary table design



- Unique rotary table clamping structure, resulting in stable rotation and precise positioning with high payload on rotary table.
- The rotary table is supported by double-row needle bearing for high capacity and reliable.
- Imported hydraulic motor with high torque and powerful operations capable of satisfying high demand.
- Hydraulic proportional directional valve control to ensure stable rotation.
- The optional servo rotary table can achieve synchronous operation for optimal positioning.

## VA130 - VA400 (TOGGLE-TYPE DESIGN)

### Standard features

- KEBA controller with 12" display
- Auto mold height adjustment
- Hydraulic motor driven turntable
- Large diameter turn table design
- Modular hydraulic system design
- Injection carriage linear guide
- Multi-color alarm
- Oil temperature alarm
- Single cylinder injection
- Clamping/ Ejector/ Injection linear transducer
- Turn table controlled by proportional directional valve
- Hopper throat temperature control
- Electrical and hydraulic safety protection
- High torque hydraulic motor driven screw
- Injection position adjustment±37mm
- Regenerative circuit for clamp closing
- Injection carriage and clamping device flexible connection

### Optional features

- Multi-lingual interface
- Special screw and barrel set
- Multiple core pull device
- Robot
- Airblow
- Mold monitoring system
- Screw and barrel heat cover
- Oil temperature pre-heat system
- Mold temperature controller
- Auto loader
- Hopper dryer
- Dehumidifier
- Extended nozzle tip
- Hopper magnet
- Heat insulating plate
- KEBA EasyNet network
- Mold battery with flow meter display
- Servo motor driven turntable

## VA550 - VA2000 (TWO-PLATEN DESIGN)

### Standard features

- KEBA controller with 12"/15" display
- Non-contact clamping transducer
- Moving platen anti-tilting device
- Injection position adjustment±37mm
- Hopper throat temperature control
- High-load capacity linear bearing-supporting moving platen
- Limited switch for rotary table
- Unique design for rotary table
- Oil temperature alarm
- Multi-color alarm
- Dual driven hydraulic motor
- Rotary table controlled by proportional directional valve
- Electrical and hydraulic safety protection
- Regenerative circuit for clamp closing
- 4 independent clamping oil tank design
- Rotary table auxiliary supporting device
- High-load capacity rotary table rotation axle
- Manual Horizontal movement of injection position (VA1000-2000)

### Optional features

- Multi-lingual interface
- Special screw and barrel set
- Multiple core pull device
- Hopper magnet
- Airblow
- Robot
- Mold monitoring system
- Screw and barrel heat cover
- Euromap robot arm coupler
- Servo motor driven turntable
- Proportional injection valve
- Operating platform
- Loading platform
- Hopper magnet
- Extended nozzle tip
- Mold battery with flow meter display
- Heat insulating plate
- Various injection unit combinations
- KEBA EasyNet network
- Automated horizontal movement of injection position (VA1000-2000)