



# CLASSIC-III

Hot Chamber Die Casting Machine

# CLASSIC-III series

## Hot Chamber Die-Casting Machine

Being the most popular machines in the world, LK CLASSIC Series has achieved remarkable success in the industry. The NEW CLASSIC-III Series will surely become your perfect partner by giving you great satisfaction on its user-friendly design, SIMPLE operation and optimal performance.

**NEW**

**MOST POPULAR**

**OVER 10,000**

**SIMPLE & EASY TO USE**

**machines running over the world**

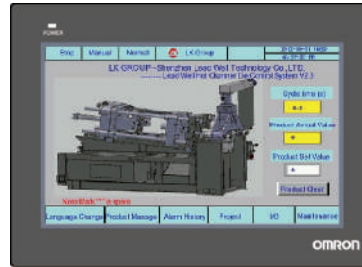


## Easy to operate

### Advanced Control System

Stable programmable logic controller ensures the steady operation. Colour LCD with touch screen function has an easy-to-use interface which shows lots of data for production improvement and management purpose.

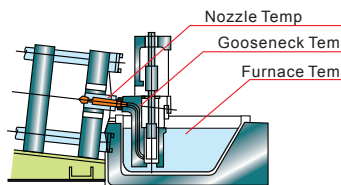
- Graphical control for easy operation
- Setting parameters can be stored and recalled
- Password protection for parameters change
- Production data , e.g. cycle time and casting quantity, are available
- Can set accumulator pressure
- Can set die opening stroke
- Trouble diagnosis function



## High stability

### Stable and High Performance Injection System

- Utilize accumulator for injection, resulting in fast and stable injection and quality assurance
- Advanced injection system can promise an injection speed of >4m/s
- Digital temperature control for the furnace for added precision; production stability and prolonged hot work parts life are ensured
- Hot work parts such as nozzle, o-ring and gooseneck are made with high grade steel, and with strict quality control the lifespan is lengthened



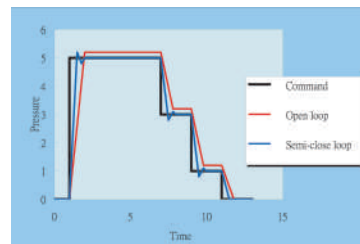
Nozzle Temp  
Gooseneck Temp  
Furnace Temp



## High efficiency

### Excellent Hydraulic System

- Adopted precise semi closed-loop control, while system pressure and flow use dual proportional control. The design can significantly increase the precision of machine response time and working pressure control
- Equipped with quick clamping system and back-pressure hydraulic control system to make sure machine cycle time is shortened



\*(Applicable to DC100 or below model)



## Wide Varieties of Peripherals



Automatic Ingot Loading Device



Automatic Extractor



2-in-1 servo sprayer and extractor



Servo sprayer



Robot



Central Portering System and Central Furnace



Conveyor



Hydraulic trim press (Can be linked to robot)



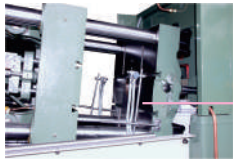
Die temperature controller



Auto dilutor

## Solution for fully automated production (Optional)

CLASSIC-III machine, with optional items of spraying nozzle and pneumatic sweeper, can achieve fully automatic production.



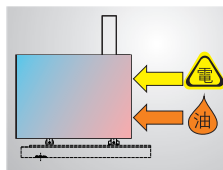
Fixed Spraying Nozzle



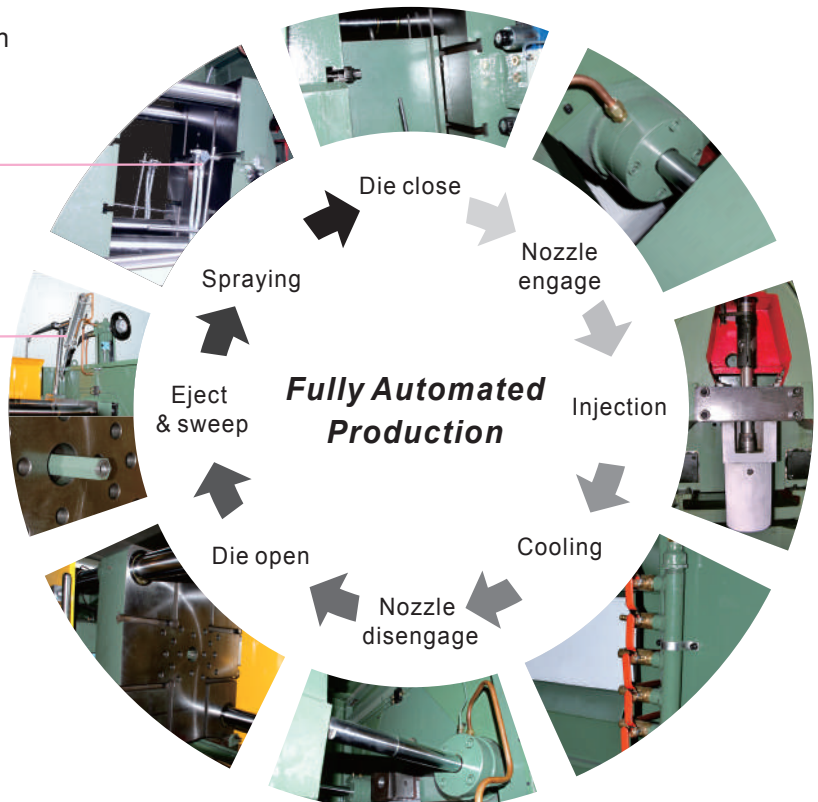
Pneumatic Sweeper



Electric furnace



Hybrid electric furnace



- Extra core-pull device (standard 1 set on DC130-400)
- Hydraulic platform for multiple injection positions (standard on DC130-400, Option on DC30-100)