



CLASSIC-V

Hot Chamber Die Casting Machine

CLASSIC-V Series

Hot chamber die casting machine

The new 5th generation CLASSIC-V series, built upon mature die casting machine design and manufacturing techniques, integrates modern advanced technologies such as servo energy-saving, touch control, and precise liquid control. Its intelligent design facilitates easy operation, monitoring, and swift responsiveness, promoting efficient fully automated production for high-quality outcomes.



Easy to operate

Advanced Control System

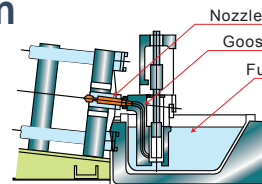
- Siemens PLC: Stable, fast, reliable
- 10-inch touchscreen: Convenient, responsive
- 200+ mold parameter storage
- Intelligent networking for MES integration
- Digital settings for pressure of accumulator
- Digital settings for mold opening/closing stroke
- Trouble diagnosis function
- Password protection for parameters change



High stability

Stable and High Performance Injection System

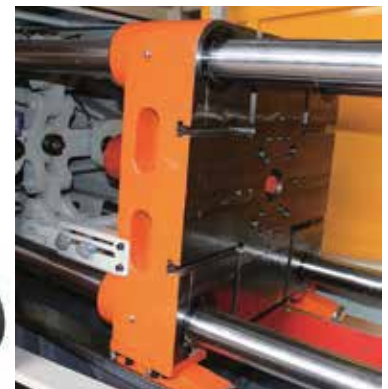
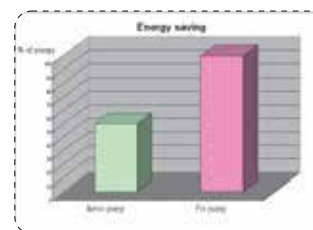
- Advanced injection system can achieve a dry injection speed $>4\text{m/s}$
- Utilize accumulator for injection, resulting in fast and stable injection and quality assurance
- Digital temperature control for the furnace, nozzle and gooseneck for management; production stability and the data can be utilized for MES integration
- 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



High efficiency

Excellent Hydraulic System

- The Classic-V series employs a servo energy-saving control system, achieving energy savings of over 30%. The servo motor controls system pressure and flow, enabling more precise control and faster response speed.
- Equipped with quick clamping system and a back-pressure hydraulic control system, the production cycle for castings is shorter compared to other similar machines.



Peripherals



Auto loader



Auto extractor



Servo extractor and sprayer



Servo auto sprayer



Robot



Central material feeding



Conveyor



Trim press



Die temperature controller



Auto dilutor

Solution for fully automated production (optional)

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



Fixed spraying nozzle



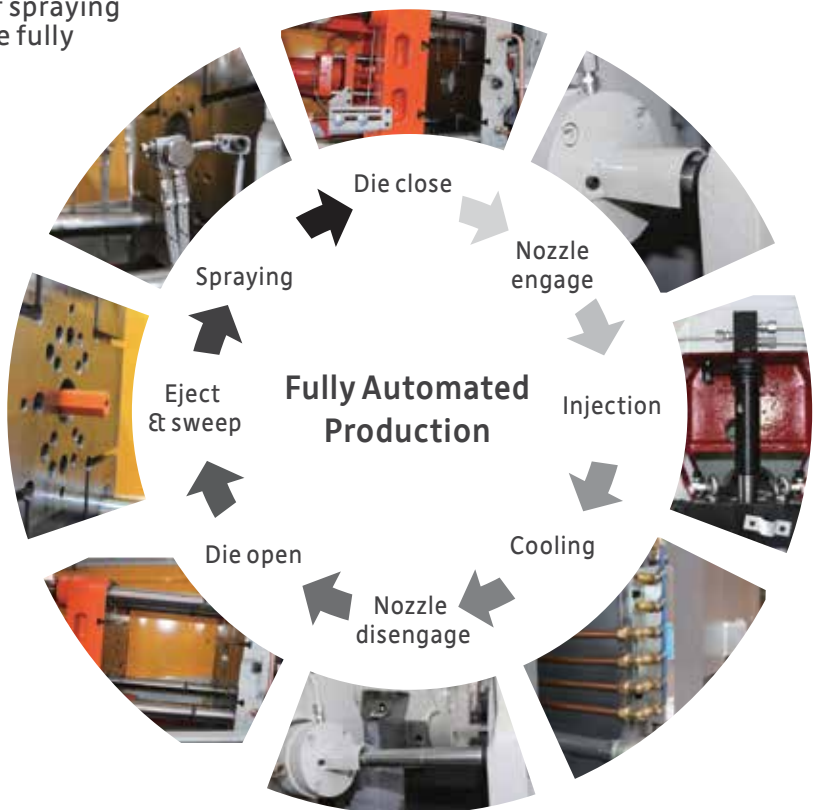
Electric furnace



Pneumatic sweeper



Infrared nano 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)