LK- HOT CHAMBER DIE CASTING MACHINE

DC30-DC400

Technology and precision engineering to shape the future
The first AVIS hot chamber die casting machine was produced in 1994 representing high quality, professional and high efficiency die casting. AVIS-II has more high standard features with latest technology, which are able to fulfill high requirements on die casting industry nowadays. Thousands of AVIS and AVIS-II machines are now serving different customers worldwide and AVIS-II will be a partner for success.
Excellent hydraulic system with proportional pressure and flow control for best performance.

**ENERGY SAVING**

The servo motor driven pump has extremely high response rate and provides high precision pressure and flow control which can save 50% or more energy compared with standard motor.

**PROFESSIONAL**

Professional injection system with electrical heating nozzle and goose neck ensures quality castings and long working life.

High efficient tubular type heat exchanger is equipped on the AVIS-II can avoid blockage of cooling water channels and hence reduce maintenance.

**Operation is more easy and more user-friendly**

Fixed spraying nozzle are effective tool for good casting

The AVIS-II is equipped with 10" touch LCD, allow operators to work more easy, and lots of data are available on the screen which are required by nowadays high requirement production and process control.

**ADVANCED CONTROL**

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<td>Injection curve display</td>
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OPTIONS

- Advanced controller with professional die-casting control software.
- LK Smart Injection Control System
- Hydraulic Tie Bar Extraction
- LK Real Time Injection Control system
- Air Conditioner for the control cabinet
- Pneumatic Sweeper for casting removal
- Quick Die Change System
- Gas or Diesel heating furnace replace electrical furnace
- Immerse type electrical heating device for furnace
- Additional Options

US

- U.S./CE Standards
- Extra Core pull
- Auto Safety door
- Clamping force monitoring
- Separate plate for furnace
- Double chamber furnace
- LK Net System

PERIPHERALS

- Automatic Ingot loader
- Automatic Extractor
- Automatic Sprayer
- Servo Robot for extracting
- Hydraulic Trim Press (Able to interface with Robot Arm)
- Automatic Portering system (central furnace)
- Conveyor
- Electrical casting scale
- Die Temperature Controller
- Pressurized Tank