

# YIZUMI **H Series** Die Casting Machine



**Alshen**  
**2015.02.07**



H series cold chamber die casting machine is optimized in performance, **humanization, safety, stability** and **efficiency.**

# 1. HUMANIZATION

## 10-inch touch screen

Observation and operation are more convenient.

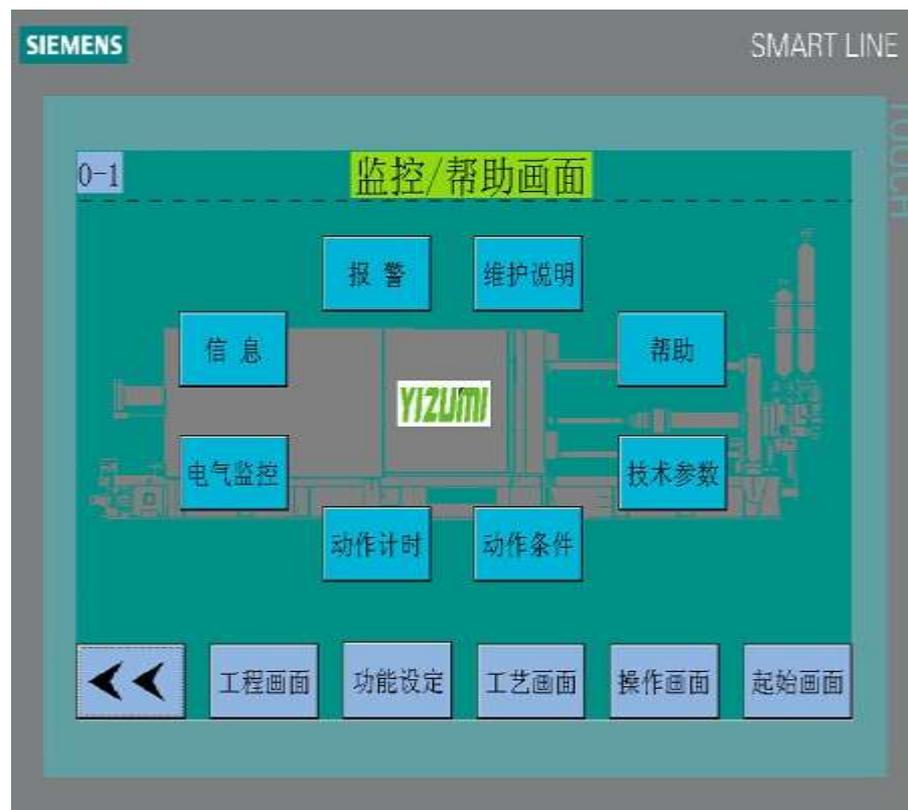
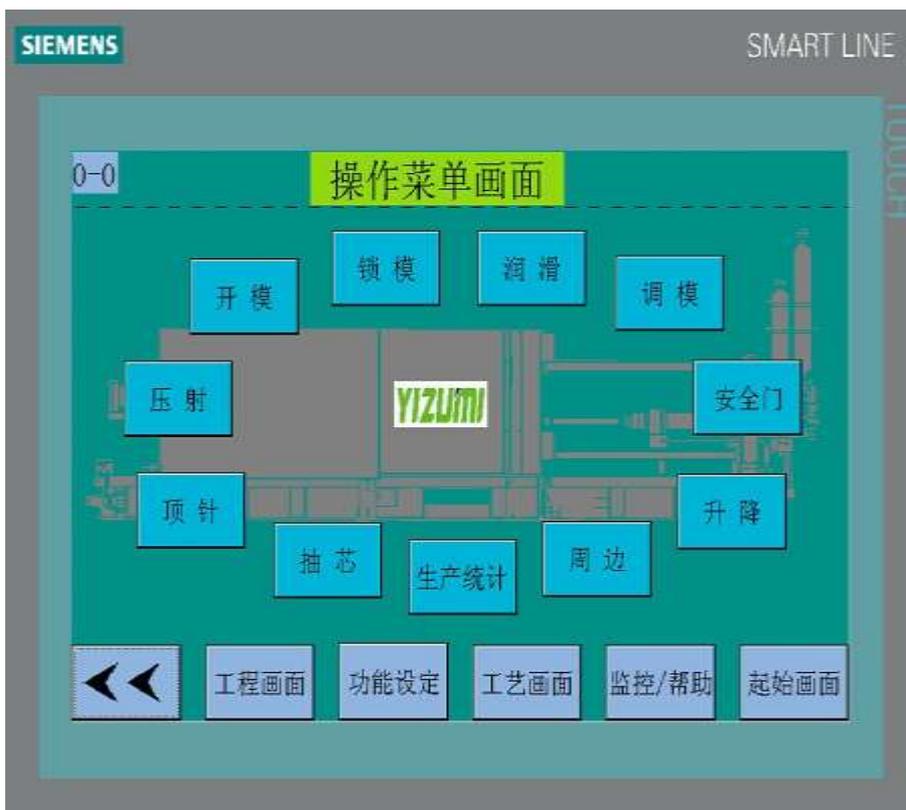
Standard Machine



H Series Machine



# New simple page layout makes operation and control of machine easier.



# Added **operating hints** and **maintenance instructions**

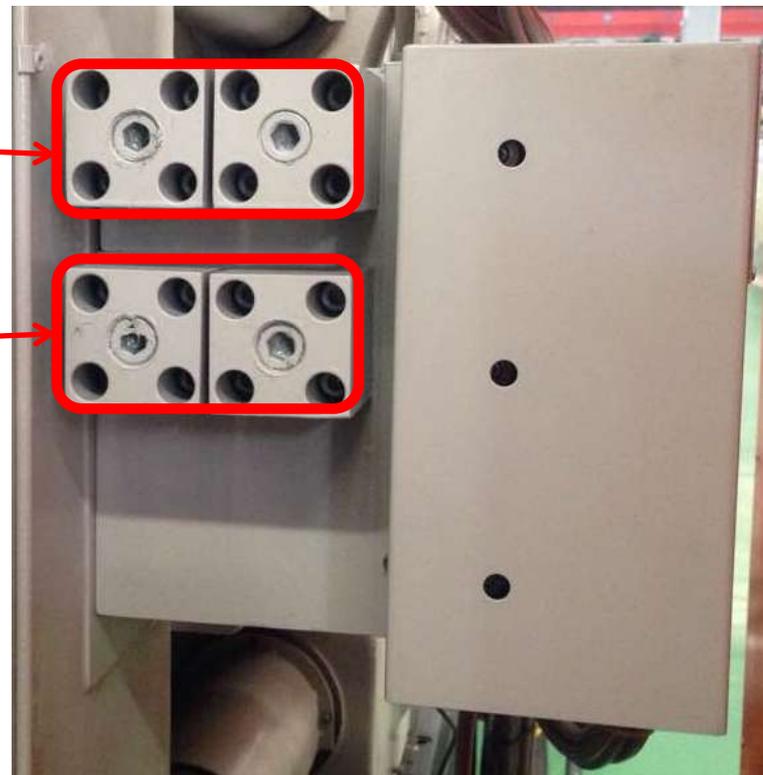
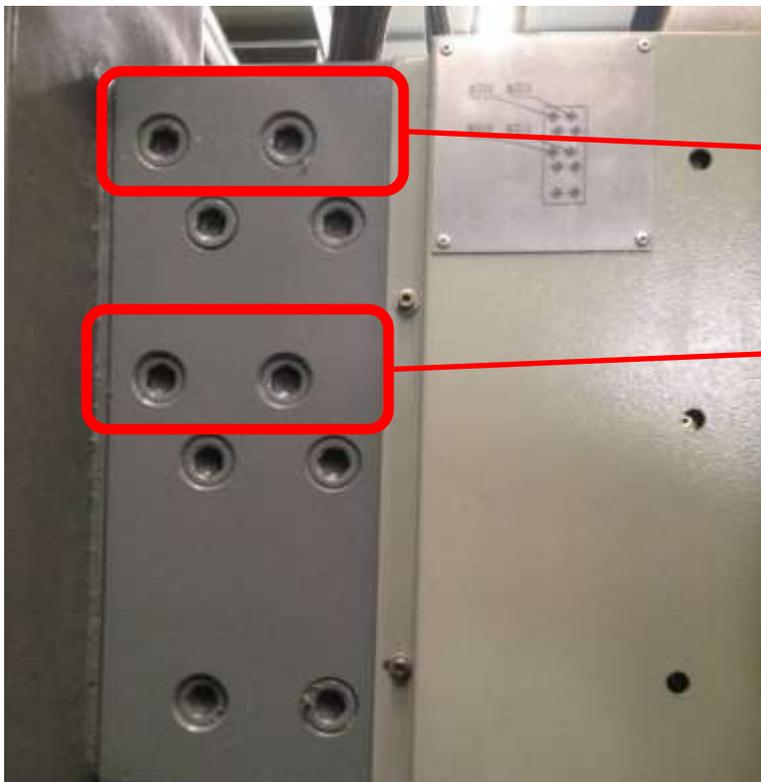


# Added **operating hints** and **maintenance instructions**



## Standard Machine

## H Series Machine



**Big core space**, users can change core more conveniently.

## Standard Machine

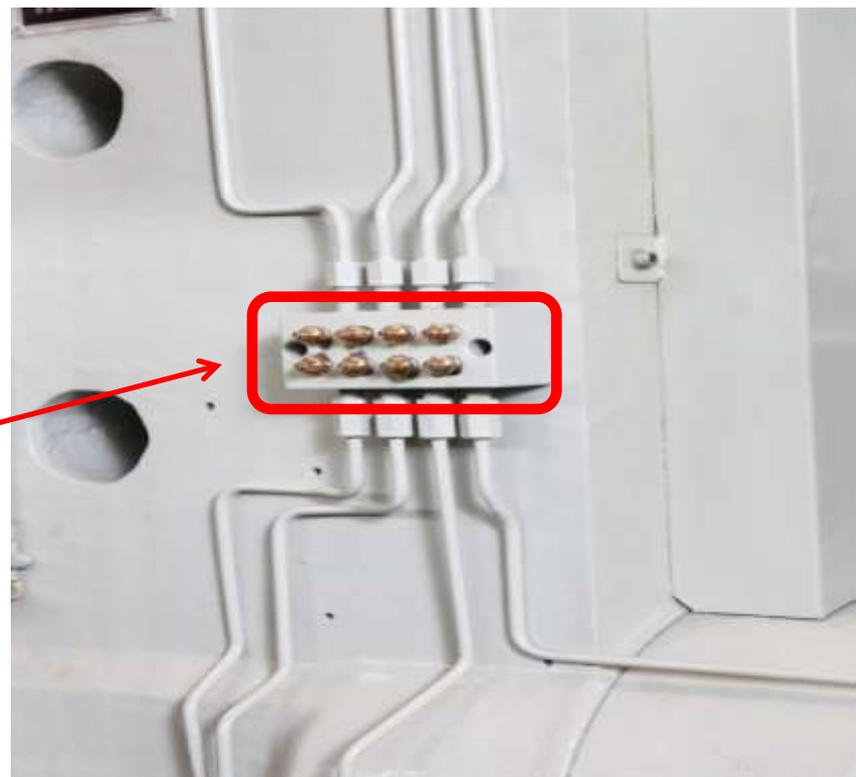
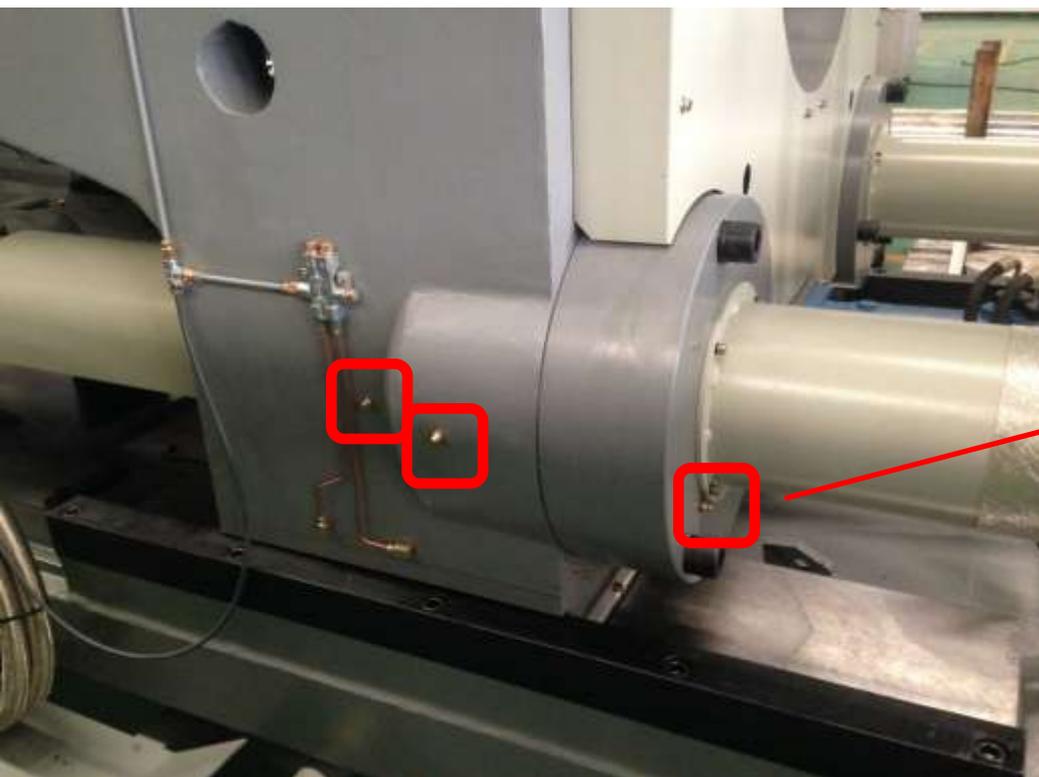
## H Series Machine



Core circuit using **new interface** that effectively prevents pollution caused by oil mist and improves reliability.

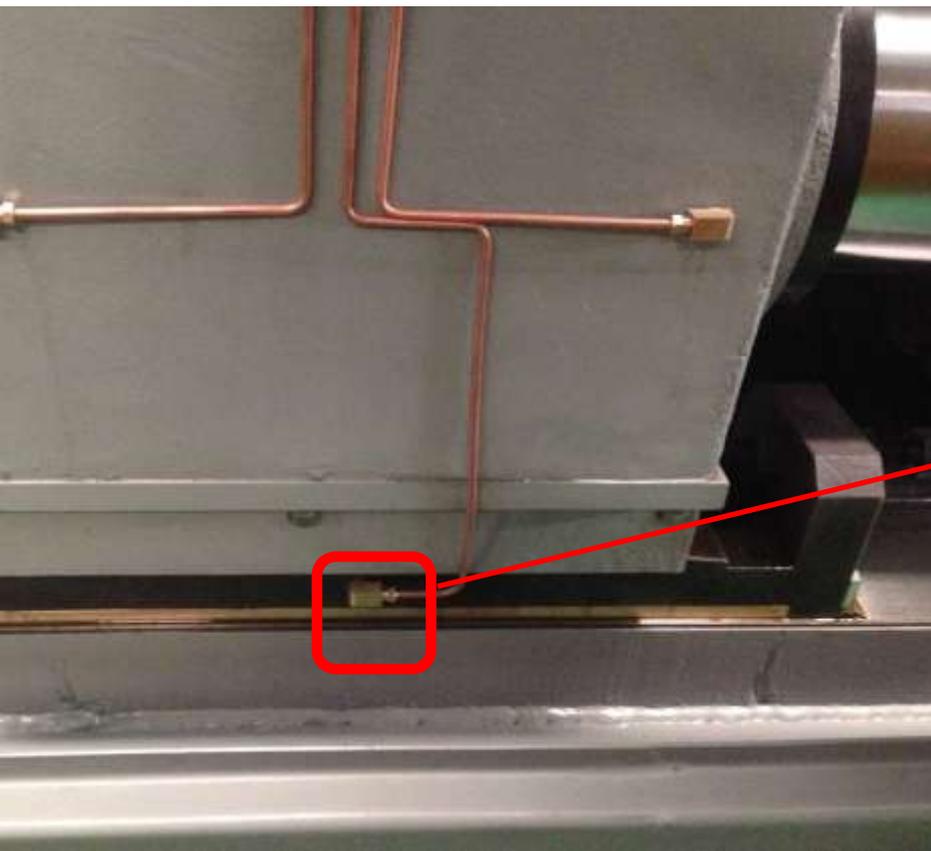
## Standard Machine

## H Series Machine

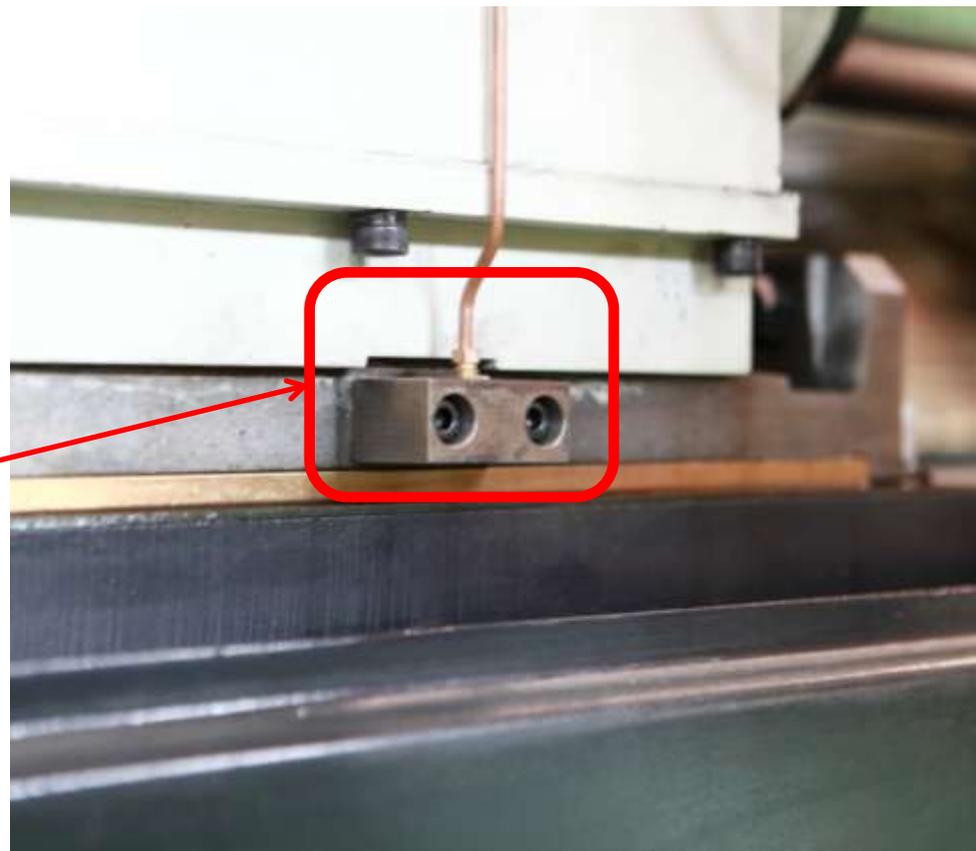


**Centralized** grease filling ports that further facilitates oil filling

## Standard Machine



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**Anti-collision protection** for the lubrication connection on the movable platen slider

## Standard Machine



## H Series Machine



The pressure gauges of the injection unit are located in one place, which is convenient for observation.

# 2. SAFETY



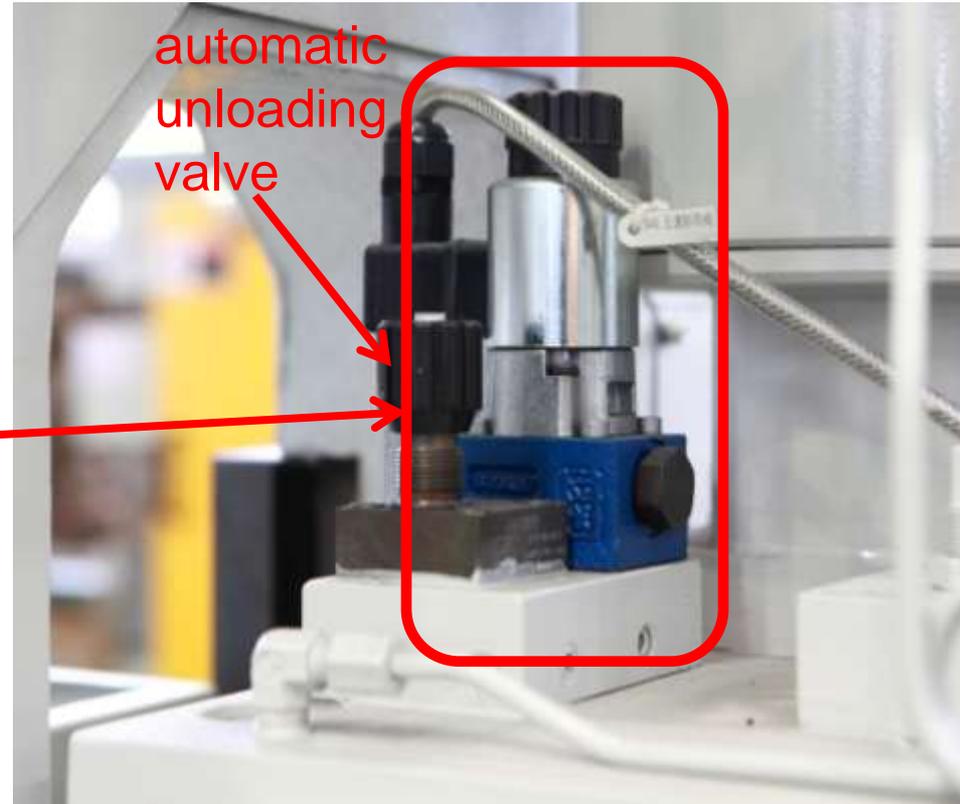
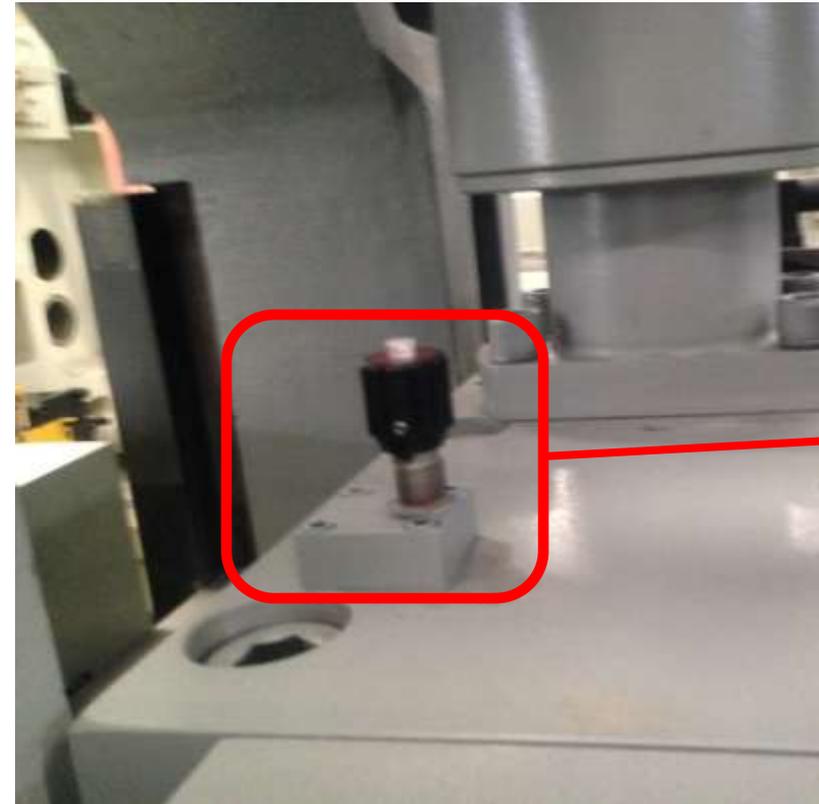
Newly-added **toggle protective gate** to ensure safety in production



Injection unit with protective covers to ensure safety in production

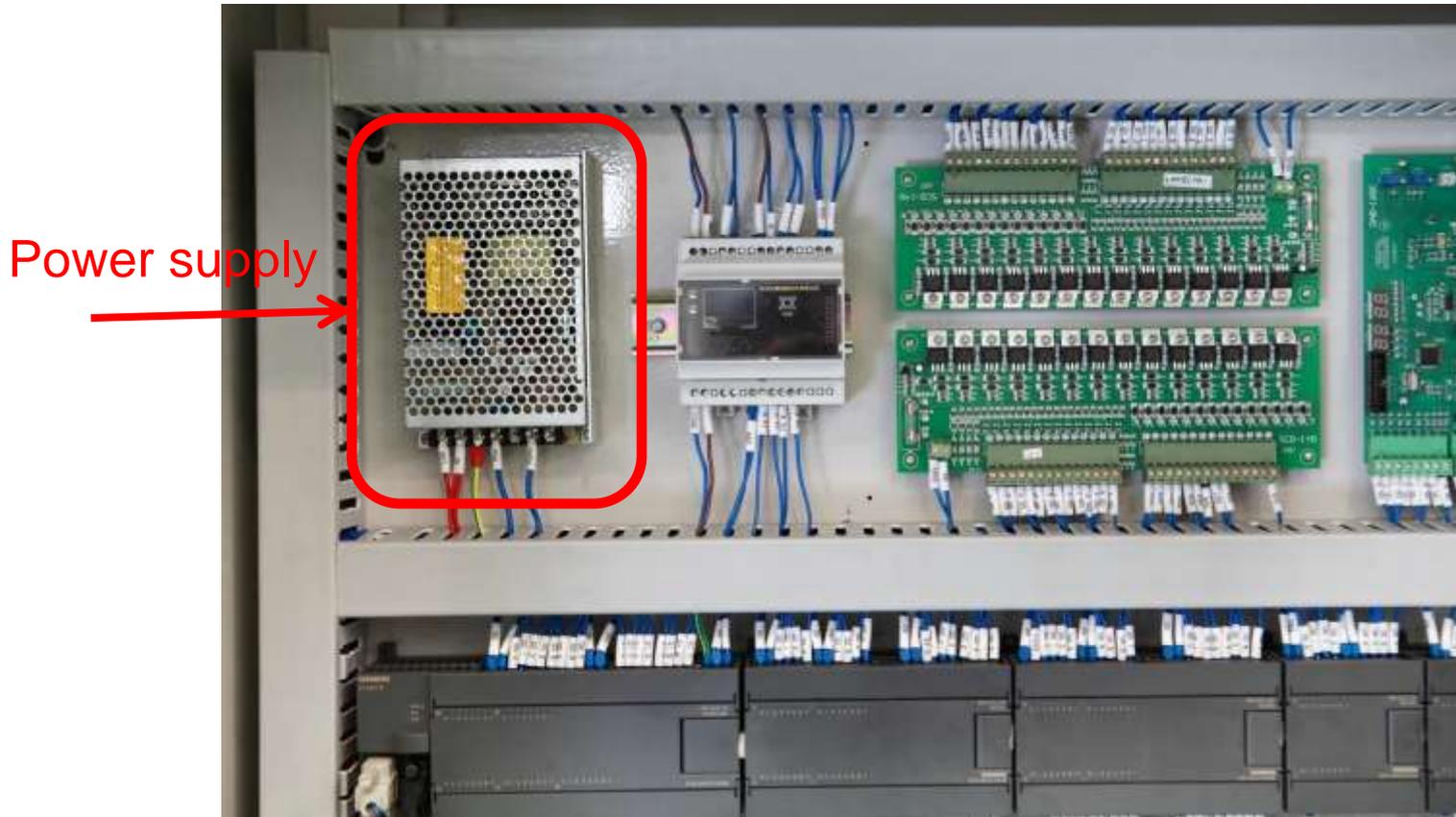
## Standard Machine

## H Series Machine

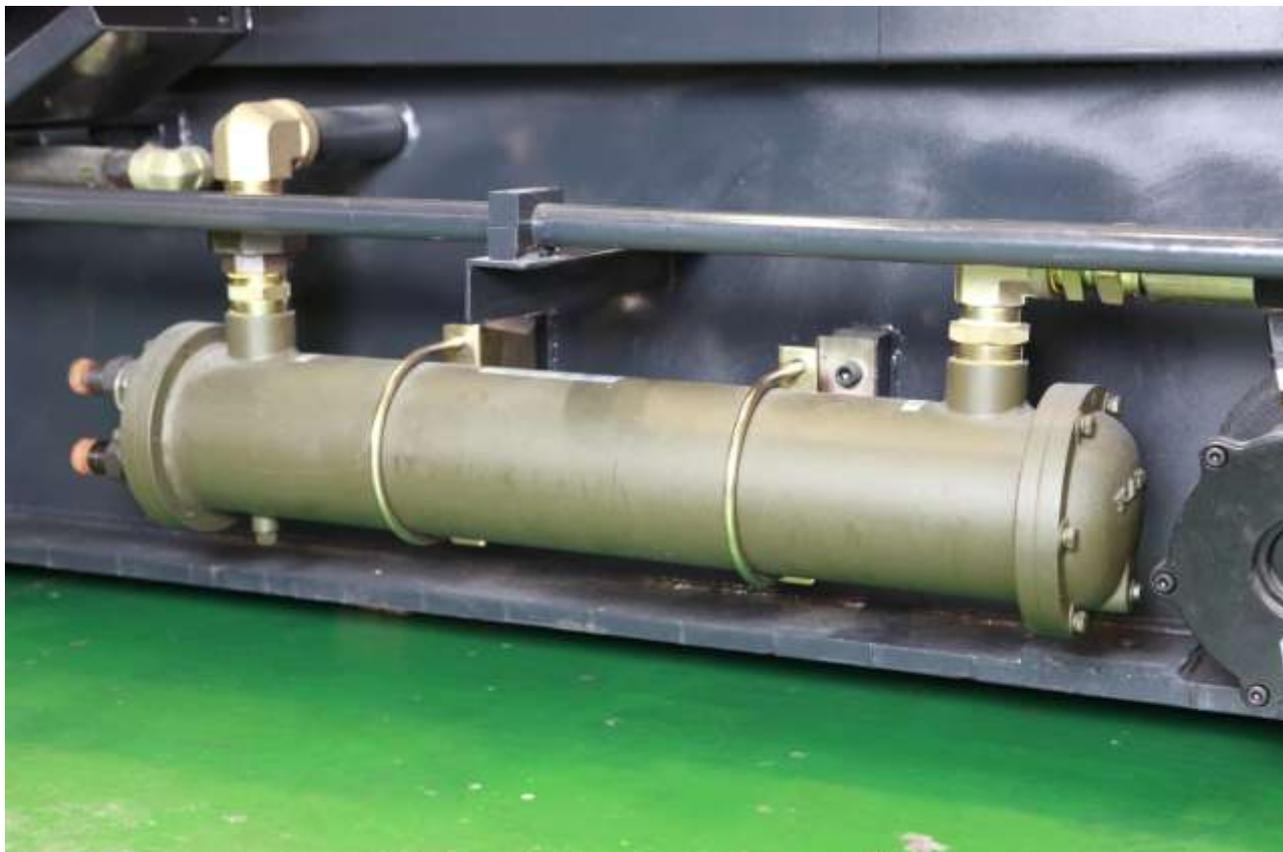


The **automatic unloading valve** of accumulator relieves hydraulic pressure when the motor stops to ensure safety for maintenance.

# 3. STABILITY



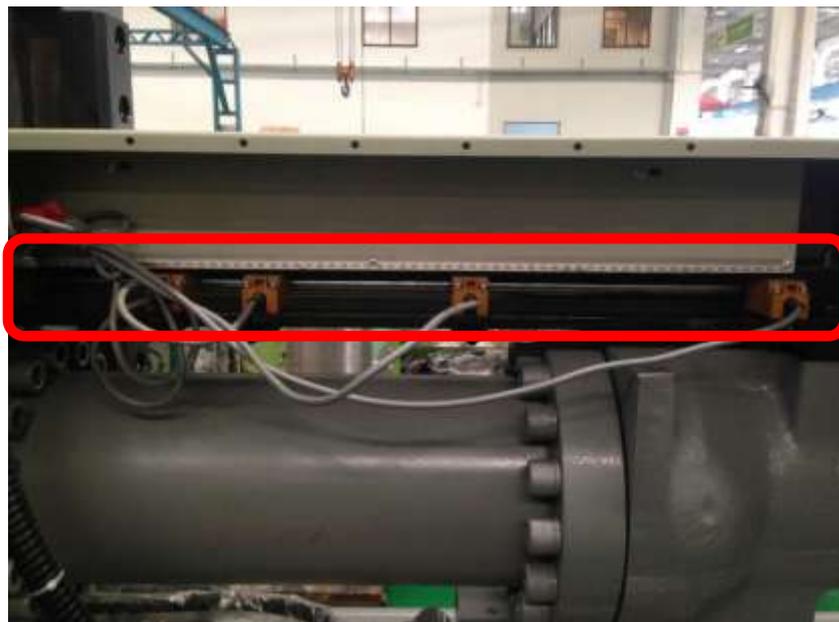
The linear transducer and amplifier are equipped with **independent power supply** to improve the operating stability and reliability of the circuit.



**Upgraded cooler** effectively lowers the temperature of hydraulic oil.

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**Magnetic scale** is used to improve the control accuracy of injection stroke.



The phases of slow injection, fast injection and intensification are under electric control of the injection system; the shot speed is also subject to monitoring and adjustment so that die casting is more stable and semi closed loop control is realized.

**Semi closed loop control** significantly enhances the degree of automation.

# 4. EFFICIENCY



With the **upgraded hydraulic system**, dry cycle time is shortened by over 15% and production efficiency is up by approx.15 %.

**THE END**