

Ningbo Dongfang Die-Casting Machine Tool Co., Ltd.

J1128K (280Ton) Cold Chamber Die Casting Machine

1. Picture



2. General Introduction

The machine is widely used for mass production of foundry goods made of nonferrous metal such as aluminum, zinc and copper in the industries of automobiles, motorcycles, meters and instruments, household appliance hardware of daily necessities.

Computer-programmed control, hydraulic drive; crank expanding structure; 4-rod pilot elastic stress framework; locking that is tensile, faster and reliable; hydraulic ejector for lift-out, mould thickness can be controlled by hydraulic motor; 3-step hydraulic boosting and injection system that is constant and effective; injection rate over 6M/S and minimum boosting time less than 25ms.

3. Specification

The project	The unit	J1128K
Die locking force	kN	2800
Size of moving platen (H×V)	mm	900×930
Inner space between the bars (H×V)	mm	610×580
Thickness of die block (Min/Max)	mm	280/680
Stroke of moving platen	mm	480
Ejection stroke	mm	110
Ejection force	kN	150
Injection force	kN	340
Injection stroke	mm	420
Injection position	mm	0, -160

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Diameter of shot sleeve	mm	50	60	70
Dosage of fluid metal per shot (Al)	kg	1.6	2.3	3.1
Injection pressure	MPa	153	106	78
Max projecting area of casting	cm ²	359		
Dry cycle	s	10		
Pipeline pressure	MPa	14		
Motor power	kW	18.5		
Machine weight	kg	12500		
Overall dimensions (L×W×H)	mm	6600×1700×2900		

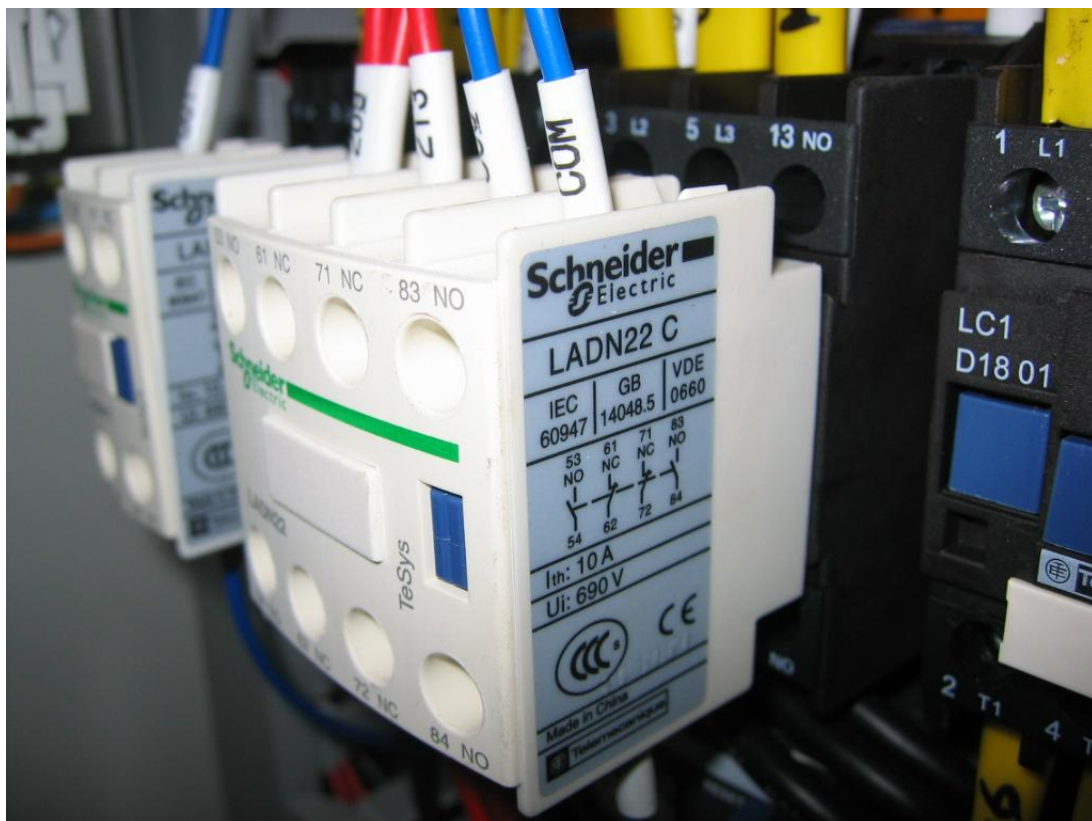
PLC: MITSUBISHI

Pump: Yuken

Valves: HNC

Some Pictures of the machine parts.

Contactors



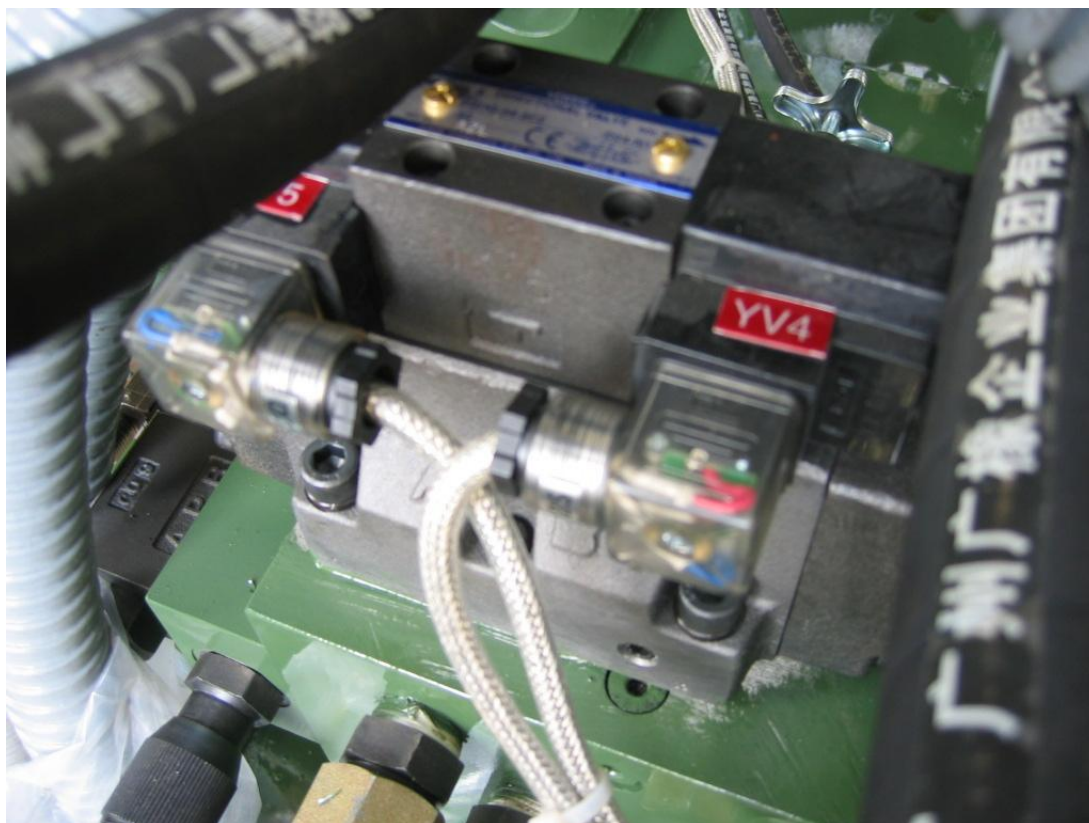
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Valves:



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Pump



Electronic system



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PLC



Touch screen



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Energy storage



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4. Factory Brief Introduction

Ningbo Dongfang Die-Casting Machine Tool Co., Ltd was set up in 1981, with a current area of 40,000 square meters. The company holds a capital of a CNY 80 million, with many types of machining centers, numerical controlled machine tools, more than one hundred exactitude metal-cutting equipments. There are 35 engineering technicians in the factory-owned 'Die-Casting Machine Tool Research Center', and we have a strong strength of new product R&D and manufacturing.

We own "Yinshan" brand, which is a famous brand in China.



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