



Dongfang Die-casting

30
year
SINCE 1981

EXPERTISE IN DIE-CASTING MACHINES

DIE-CASTING MACHINES
PRODUCT CATALOG



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

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DONGFANG



NINGBO DONGFANG
DIE-CASTING MACHINE TOOL CO., LTD.



BRIEF INTRODUCTION

Ningbo Dongfang Die-Casting Machine Tool Co., Ltd, was set up in 1981, with a current area of 40000 square meters. The company holds a capital of RMB 120 million yuan, 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 'Ningbo Dongfang Die-Casting Machine Tool research center', and we have a strong strength of new product R&D and manufacturing.

Since our leading product, 'Yinshan' Brand Die-Casting Machine, won the fame of name brand product in 1995, we have developed two whole series of twenty types, seven of which have been approved as national top new products, and six new products have won the scientific progress awards in province and city. Our products sell well domestically and internationally. In the past years, we had provided our clients with more than eight thousand Die-Casting Machines, which was a big contribution to the Die-Casting industry in our country. Thanks to such achievement, our company has won a good reputation. Now the 'Yinshan' Brand Die-Casting Machine is a famous name as well as a famous trademark in Zhejiang province.

Now, our company is a national standard draft company of producing machines, National new Hi-Tech company, Municipal engineering technology center, Zhejiang precursor of abiding by contract and putting credit first, as well as Civilized company of Ningbo city. The goal of manufacturing famous products and developing the company for centuries has been passed on from generation to generation in the Ningbo Dongfang Die-Casting Machine Tool Co., Ltd, and we will persistently pursue to provide perfect products and sincere service.

The whole staff of Ningbo Dongfang Die-Casting Machine Tool Co., Ltd, are welcoming all the guests from our country and the rest of the world to the beautiful coastal city—Ningbo.

HONOURS ENTERPRISE



HOT CHAMBER DIE CASTING MACHINE

We always work hard to produce the high performance/price ratio die casting machines

We have more than 30 years experience in Yinsan brand die casting machine production with the advanced technology. There are engineers who are responsible for the technics improvement too in order to provide better machines for our customers.

Easy operation and professional design ensure quality and precision.

The machine is applicable to die casting of non-ferrous metals with low melting point such as Zn (Zinc) and Pb (Plumbum). It is widely used in various industries including automobile and motorcycle parts, meters and instruments, daily-use hardware, and household appliances.

This machine is suitable for die casting of low melting point non-ferrous alloy parts like zinc, lead, etc, and also generally suitable for industry departments of automobile and motorbike fittings, apparatus, meter, miscellaneous hardware, household appliances, etc.

- Multi-stage pressure and speed control to mode-locked opening, it is equipped with low pressure locking protection function.
- Hydraulic driver gear die regulating device.
- Central electric lubrication system.
- Rapid hydraulic ejecting device and core puller.
- Injections of two sections of pressure and speed control, high-speed injection of piston type accumulator.
- German and Japanese famous brands hydraulic elements. (Option collocate)



Die casting products



Unique quick injection control system



Adopting computers and contactors of world famous brand



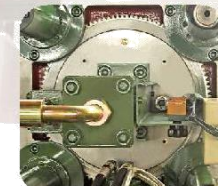
Special touchscreen for imported die casting machine



Central electric lubrication system



Low pressure mould protecting system



Hydraulic drive planetary gear mould-adjust device



Solid mold frame system

Hot Chamber Series Main Specifications And Parameters

The project	The unit	J2118A	J2113	J219A	YSH66	J215A	J214	J213E	J213D	J212
Die locking force	kN	1800	1300	900	680	580	500	380	300	160
Stroke of moving platen	mm	385	350	270	240	210	210	210	200	125
Inner space between the bars(HxV)	mm	480x480	360x360	360x360	320x320	311x311	290x290	270 X270	240 X240	230x200
Thickness of die block (HxV)	mm	200x580	250x500	120x360	150x350	120x320	120x320	120/320	120/320	150x200
Injection force	kN	120	100	75	66	60	50	45	30	19
Injection stroke	mm	160	148	130	130	130	110	110	110	80
Ejection force	kN	109	100	60	60	50	50	45	30	/
Ejection stroke	mm	85	148	60	60	60	50	50	50	/
Diameter of shot sleeve	mm	65/70	60/65	50	50	50	50	50	45	38
Max projecting area of casting	cm2	470	368	236	202	189	159	134	132	80
Working pressure of vane pump	MPa	12	12	12	12	11.5	10.5	9	7	6.3
Motor power	kW	15	11	11	11	9.5	9.5	7.5	7.5	5.5
Dosage of fluid metal per shot (zinc)	kG	2.5-3.5	2.6	1.6	1.5	1.3	1.1	1.1	0.6	0.56

COLD CHAMBER DIE CASTING MACHINE

We always work hard to produce the high performance/price ratio die casting machines

We have more than 30 years experience in Yinsan brand die casting machine production with the advanced technology. There are engineers who are responsible for the technical improvement too in order to provide better machines for our customers.

This kind of machine is a middle size horizontal cold chamber die casting machine, which is suitable for industry departments of automobile, motorbike, apparatus, meter, household appliances, miscellaneous hardware etc, and large quantity of non-ferrous alloy die casting parts of aluminum, zinc, copper, etc.

- Multi-stage pressure and speed control to mold-locked opening. It is equipped with low pressure locking protection function.
- Hydraulic driver gear die regulating device.
- Central electric lubrication system.
- Rapid hydraulic ejecting device and core puller.
- Three-section pressure and speed control shot. piston type two-speed and super-charging & power accumulator.
- Hammer automatic lubricating device. (Option collocate)
- German and Japanese famous brands hydraulic elements. (Option collocate)

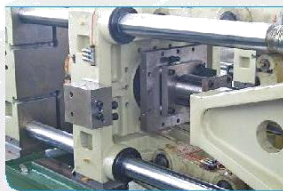
Die casting products



Unique design infection control system



Adopting computers and contactors of world famous brand



Adopting finite element analysis and optimizing design of molding board



Adopting pumps and valves of world famous brand



Large flow cooling system and precise oil filter



Central electric lubrication system



Hydraulic drive planetary gear mold-adjust device

Cold Chamber Series Main Specifications And Parameters

Cold Chamber Series Main Specifications And Parameters							
The project	The unit	J1128K	J1118K	J1113F	J118A	YSC38	J113B
Die lock force	kN	2800	1800	1300	900	400	250
Size of moving platen (HXV)	mm	930X900	720X719	660X667.5	560X600	270X270	400x400
Inner space between bars(HXV)	mm	610X580	480X480	430X430	360X360	210X210	240x240
Thickness of die block(Min./Max.)	mm	280/680	200/580	250/500	160/360	120/320	120x320
Stroke of moving platen	mm	480	385	350	260	240	200
Ejection stroke	mm	110	85	85	60	50	35
Ejection force	kN	150	109	90	60	35	50
Injection force	kN	340	350	150	100	40	35
Injection stroke	mm	425	230	320	282	250	250
Diameter of shot sleeve	mm	50/60/70	50/60	40/50	35/40	25/30	25/30
Fluid metal dosage per shot(AL)	kg	3.1	1.9	1.2	0.6	0.4	0.3
Injection pressure (Min.~Max.)	MPa	88-173	81.3~117	76.4~119.4	57~94	57-80	49.5-71.3
projecting area of casting	cm ²	318	221	152	67~110	68	50.5
Dry cycle	s	10	7	7	5	4	4
Pipe line pressure	MPa	13	13	12	10.5	8.5	7
Motor power	kW	18.5	15	11	11	7.5	7.5
Machine weight	kg	12500	7000	5000	3500	2030	2000
Overall dimensions(LXWXH)	mm	6600X1700X2900	5600X1280X2560	4800X1300X1800	3970X1050X2100	3150X1100X1300	3030x1060x1300

