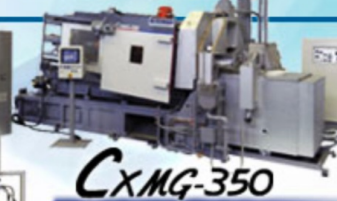


HISHINUMA
DIE CASTING MACHINE

**MAGNESIUM
HOT CHAMBER
DIE CASTING
MACHINE**

CXMG-Series

Magnesium HOT CHAMBER DIE CASTING MACHINE



We have supplied over 150 sets of Hishinuma CXMG series Die Casting Machine and we regard simple operation as the most important thing When we designed the machine.

Standard equipped liquid crystal color display touch panel, it made possible easily storage the casting condition, management of consumption parts and indicates alarm record. Also,

【system Composition】



■ REMOTE CONTROL

The main pressure, die locking force, ejection control, and speed and power of the core pull can now all be controlled through the Touch Panel Screen.



■ INJECTION MONITORING SCREEN

The injection conditions can be confirmed immediately in real time through the shot profile on the Touch Panel Screen.



■ DIE LOCKING FORCE INDICATOR

Since the Die Locking Force is displayed on the Touch Panel Screen, the die height can easily be adjusted. Moreover, the Die Locking Force is interlocked to the Injection system for safety.

【Machine equipment】



■ LARGEST DIE LOCKING SYSTEM

The CXMG600 comes standard with 710mm×710mm space between Tie Bar Dimension and a Die Stroke of 640mm, the largest dimensions for this class machine.



■ HIGH SPEED INJECTION SYSTEM

Adopting piston ACC and constructing optimum plumbing make reduction of injection pressure loss, extremely. 5mls was achieved by dry shot speed.



■ GUIDE BAR HOLDING SYSTEM

More space is available between the pull-back bar and ejection panel due to the new design, which allows the link housing to hold the guide bars in place



■ ELECTRIC FURNACE.

The electric furnace keeps the work environment clean. Furthermore, electric furnaces extended the life of the melting pot over gas furnaces.

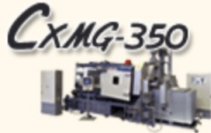
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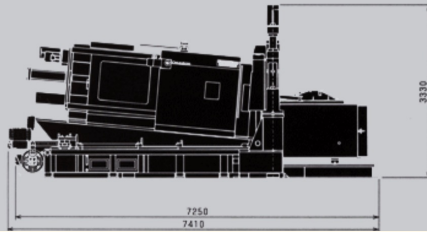
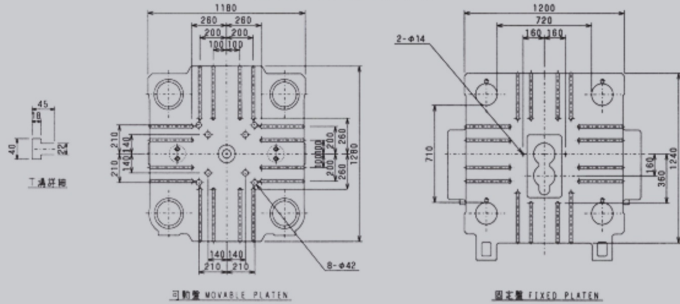
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● Technical Data

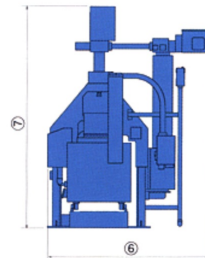
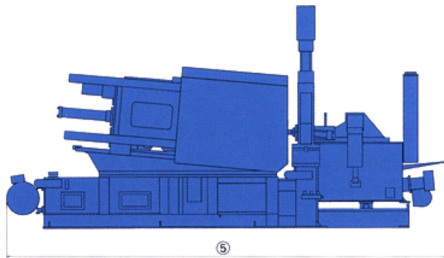
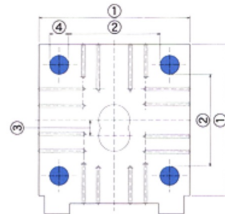
Specification.	Unit	CXMG-60	CXMG-150	CXMG-250	CXMG-350	CXMG-600
Locking force	kN	600	1500	2500	3500	6000 (MAX6500)
Die Stroke	mm	215	380	450	500	644
Size of Die Platen (V×H)	mm				950×950	1200×1240
Space between Tie bars (V×H)	mm	330×330	460×460	530×530	600×600	710×710
Max.-Min.Die Hight	mm	340/170	500/200	600/300	700/300	800/350
Tie bar Diameter	mm				Φ125	Φ160
Ejector Force	kN	40	87	116	190	285
Ejector Stroke	mm	70	90	100	120	160
Injectorion Force	kN	33	83	126	165	208
Injection Stroke	mm	120	200	200	230	230
Injection Plunger Diameter	mm	Φ50/Φ55	Φ60/Φ65	Φ70/Φ75	Φ80/Φ90	Φ80/Φ90/Φ100
Nozzle Touch Force	kN	45	72	72	89	51.4/MAX72
Nozzle Touch Stroke	kN	175	250	400	400	550
Casting Pressure	MPa	26	29.7	32.8	32.8	41.5/32.8/26.6
Castable Area	cm ²	306	496	762	1067	2259
Maximum Shot Weight	g	208	610	831	1200	1480
Working Pressure	MPa	10.5	10.5	14	14	14
Electric Motor	kw	7.5	18.5	22	22	
Electric Power	kVA	12	27.5	32	35	62
Melting Pot Capacity	kg	200	250	350	500	870
Oil Tank Capacity	L					700
weight of Machine	ton	4.5	8.5	12	16	28

CXMG-600



CXMG-60/150/250/350 (mm)

	CXMG-60	CXMG-150	CXMG-250	CXMG-350
(1)	488	720	870	950
(2)	330	460	530	600
(3)	65	100	125	150
(4)	58	85	110	125
(5)	4500	5000	5400	6675
(6)	2000	2550	2550	2570
(7)	2350	2520	2780	3100



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