NINGBO HAITAI INDUSTRY AND TRADE CO., LTD. NINGBO HAITAI PLASTIC MACHINERY CO., LTD.

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A CE



HAITAI INJECTION MOLDING MACHINE





PLASTIC INJECTION MOLDING MACHINE

Brand-new design and excellent technique forges the best HAITAI Plastic injection molding machine of various types which meet your requirements and bring you more profits (90T-3000T) Product Introduction



www.haitai-machine.com









































HAITAI MACHINE

plastic injection molding machine

HaiTai Enterprise Haitai was founded in 1995. It is praised as the National Important & High Technology Enterprise, excellent technology enterprise for exportation in China, one of 100 key enterprises in Ningbo. It covers total area of 150,000 square meters. The headquarter is located in Haitai Industrial Park, Baizhang East road, Ningbo. Haitai Company owns large high-precision machining equipment and various types of CNC machining equipment as well as a full set of precision testing equipment and chemical facilities. Haitai had got the

quality management system and it is the first to be certified by provincial measures authorization. Haitai have achieved ERP. PDM, CAM and other enterprise information engineering. Haitai stands stably among the top three enterprises year after year based on its comprehensive strength. in 2011,haitai had became a subsidiary of zhejiang time shine industry co.,LTD due to asset restructuring. Haitai will be base on plastics machinery industry with brand-new image to create brighter future.

certificate of the ISO9001-2000 international































































HTW SERIES Plastic Injection Molding Machine



Super precision super long working life

 Optimization of high-speed toggle clamp unit and stress of low pressure for joint ensure super precision and super long life of machine.

Core / screw control

 Flexible core programming control, an independent hydraulic pump stations to provide power. Extra large platen design greater space for installing platen.

 Large-capacity wide platen designed to meet the customer selection scope.

Working Environment

 Mobile waste oil clean tray, so that the waste oil clean platen area is very simple

Advanced Controller

 High-performance computers is used for the entire controller, big display, color display, full-featured

High-precision temperature control

 Self-adaptive barrel temperature accuracy and stability control

Oil System

 High-performance lubricating oil, decline the wear sharply, keep long-term positioning accuracy of the mold

Easily Transfer

 Multi-directional products removed, effective use of space, is sultable for installing various convey equipment

RESEARCH & DEVELOPMENT MANUFACTURING

HAITAI possesses high qualified professional engineers who work in the design division and the R&D division.

We have been awarded research projects under the NATIONAL TORCH PLAN and obtained 26 technology patents.

Production Equipment







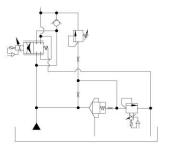












injection molding machine hydraulic system closed-loop feedback control schematics

HYDRAULIC SYSTEM

Fast Respone, Stable Output

- The manual plug valve hydraulic system make the machine having quick and smooth motion response
- Double proportional valve control pressure and flow
- Hydraulic oil cooling device
- High-performance imported hydraulic unit with optimizing allocation
- The fuel tank has a big opening hole so can be cleaned easily



THE ELECTRONIC CONTROL SYSTEM

Control System

All-digital control system uses dedicated controller, multiple CPU processing division, a multifunctional automatic fault detection, alarm system, certificates 99 mold of processing procedures, with remote control interface. System is of high stability and responsiveness. System uses color LCD, man made interface for easy operation and with a number of peripheral interfaces.

Features

- A variety of text can be switched.
- Manual, semi-automatic and fully automatic mode.
- To provide EUROMAP robot interface.
- Automatic movement monitoring with alarm and fault diagnosis.
- Function of slope setting can set the start and stop of movements, so as ensure the smooth movement.





CLAMPING SYSTEM

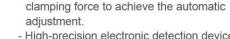
Core/screw control

Flexible core programming control, an independent hydraulic pump station to provide power.

Features

- Security doors fitted with hydraulic, mechanical and electrical interlocking triple safety device. When the safety door is open, the machine cannot clamp.
- Low pressure mold protection device to prevent damage to platen.
- Plywood, frame, the bridge, and the template attached structure, the finite element analysis.
- Hydraulic ejector, adjustable stroke,

- and top speed of ejector in and out, for multiple actions.
- Flexible tie bars nut eliminates fatigue fracture; assure the working life of tie bars
- Automatic adjustment. The replacement of different mold, the parameters set by
- High-precision electronic detection device, multi-stage control of opening stoke, speed and location, location accuracy.







2005, diversified screw optimal design municipal science and technology research projects focus on key issues is completed, and is now designed professionally and production for a whole variety of raw material. the diversity of the screw is for your option.





INJECTION SYSTEM

Features

- A PID temperature control, precise temperature control of barrel.
- There are three or four screws and barrels with optimal design, respectively, nitride, hard plating, dual-metal, which is suitable for different processes of a variety of plastics. and the choice of
- Two-guided guided bar supports, double-balanced rapid injection.
- The high-torque hydraulic motors offer a stable plasticizing capacity, high-precision electronic device position detection enable

- accurate measurement.
- Multi-injection speed and pressure and multi-level holding pressure settings, switch from the injection time, location, pressure control to ensure the quality of molding.
- Multi-level back-pressure of pre-plastic and pre-speed are computer-controlled, anti-drooling and automated auto purge.
- Expected to prevent cold-start function to ensure that the screw, Barrel will not be harmed. Stability of the injection unit.

HTW/JD SERIES

Servo Energy-Saving Injection
Molding Machine



Characteristics of servo energy-saving injection molding machine:

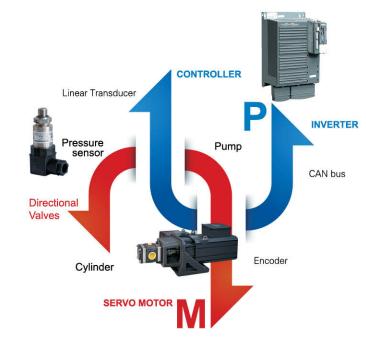
Equipped with high performance servo motor controlling system,the machine's output power canvary in accordance with the loading changes, which reduce energy consumption and noise. The motor rotates at lower speed in holding pressure stage, and doesn't work in cooling time.

The performance of servo energy-saving molding machine:

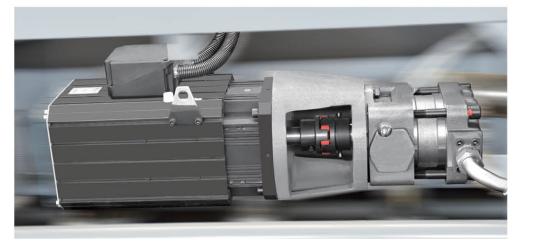
- It can improve injection precision.
- Quick response and low noise.
- Servo motor can optimize the match of energy demand and realize automatic adjustments.
- It can greatly save power and water, resulting in environmentprotection and energy-saving.

HTW/JD SERVO ENERGY-SAVING INJECTION MOLDING MACHINE

HTW/JD servo energy-saving injection molding machine is equipped with high performance servo motor controlling system,the machine's output power can vary in accordance with the loading changes, which reduce energy consumption and noise. The motor rotates at lower speed in holding pressure stage, and doesn't work in cooling time.

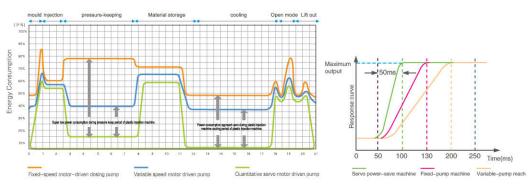


A Revolution Of Controlling Hydraulic System



Feature

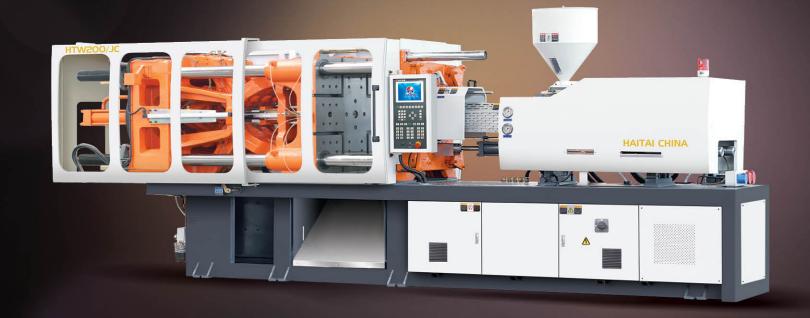
Servo energy-saving injection molding machines:there is no extra energy consumption due to output volume changes according to load alteration. In the phase of holding pressure, servo motor lowers rotate speed and consumes a little of energies. In the phase of cooling ,motor doesn't work and consumes no energy. According to different products, servo energy-saving injection molding machines will save 20%-80% energy and bring you prominent economic benefit.



Trydraulic System

HTW/JC SERIES

Injection Molding Machine



Characteristics of closed loop variable pump machine:

The HTW/JC injection molding machines employ a variable pump plus closed loop feedback, which offers stable control of shot size, the accuracy of resin quantity and the increase of the production of acceptable products.

The performance of closed loop variable pump machine:

- Energy saving
- Significant reduction in oil temperature
- High speed system response with short moulding cycles
- Prolongs working life of the hydraulic oil and hydraulic components, thereby reducing frequency of maintenance and maintenance costs
- The extra oil filtration requirements are met by special imported filter components

HTW/S SERIES

MULTI-COLOR Plastic Injection Molding Machine







- Auxiliary injection unit is installed at the top of fixed platen, with 90 degrees to main injection unit for purpose of saving space.
- Auxiliary injection unit is modularizing designed, can match with variety of clamping forces and main injection unit.
- Tray is controlled by servo valve, so it can achieve fast rotating and breaking steadily without shock.
- Tray is equipped with two cores and mold water cooling interface, and core reaching signal and mold safety signal interface, to protect oil circuit and electric wire from intertwining and attrition.
- In order to keep the accuracy of tray position and protect mold, tray is equipped with electric wire from intertwining attrition, tray is equipped with imported high
- performance and long life time bearing to ensure the mode is safe.
- The function of tray and auxiliary injection can be chosen to be used or not, if not,machine shall produce single color product, same as the standard machine.
- Multiple core functions can satisfy complex manufacturing technique requirements.

HTW/PET SERIES

Injection Molding Machine



Main advantages of HTW/PET injection moulding machine:

- Specially designed machine for the efficient production of PET bottle preforms
- Excellent plasticising rate, good colour dispersion and moulding stability
- A specially designed screw geometry virtually eliminates the production of harmful acid acetaldehydes

HTW/F SERIES

Injection Molding Machine

HTW/F series injection molding machines adopt optimized hydraulic system and high output volume of pump and motor. The injection rate can be increased greatly.





Main advantages of HTW/F high speed injection molding machine:

- Optimised hydraulic system produces very high injection rates and high injection pressures - up to 290 MPA
- Special screw geometry greatly increases plasticising rate
- Boosted plasticising rates, mould opening and closing speeds, ejection speeds etc.
- Clamping unit with improved rigidity meets the requirements of high injection speeds and pressures, and extends the service life of the mould
- Hydraulic accumulator is available as optional extra, with injection rate over 400mm per second

HTW/JB SERIES

Injection Molding Machine

The HTW/JB series injection molding machines use a fast response variable pump that has a very high efficiency and low noise. The variable pump continuously adjusts the output pressure and volume of the pump to match the values called for on the screen for the various parts of the moulding process. This system contrasts with fixed delivery pumps employing valves to control the required pressure and volume, and dumping excess oil to tank. This can result in energy savings of 20%-40% compared with normal machines.







Main advantages of HTW/JB variable pump injection molding machine:

- Energy saving
 Fast system response and short cycle times
- Greatly decreases oil temperature of the system
- Smoother mould opening and locking, prolonging the life of the machine and the mould
- Prolongs working life of the hydraulic oil and hydraulic components, thereby reducing frequency of maintenance and maintenance costs
- The extra oil filtration requirements are met by special imported filter components

HTW/UPVC SERIES



Main Advantages Of Htw/Upvc Injection Moulding Machine:

- Air cooling fans on barrel, for fast reaction time and precise temperature control
- New special screw geometry optimised for UPVC, achieving stabilised plasticising and excellent production
- Wider moving safety doors at back and front, to accommodate bulky core pulling cylinders
- Machine equipped with core pulling controls
- Automatic oil lubrication pump
- Equipped with automatic mould height adjustment system

Item Specif		HTW90			HTW110			HTW140		HTW160					
iterii <u>specii</u>	Callon	Α	В	С	A	В	С	А	В	С	Α	В	С		
INJECTION UNIT															
Screw diameter	mm	30	32	35	32	35	38	38	42	45	42	45	50		
Screw L/D ratio	L/D	23.5	22	20.1	24.1	22	20.2	22.1	20	18.6	23.6	22	19.8		
Shot volume(theoretical)	cm ³	117	133	158	137	163	192	193	235	270	305	350	432		
Injection weight(ps)	g	106	121	144	125	148	175	176	213	246	277	319	393		
Injection rate	g/s	71	81	97	74	89	105	94	115	132	138	160	196		
Injection pressure	MPa	230	203	170	260	219	186	205	170	147	203	177	143		
Screw speed	rpm		225			210			190			180			
CLAMPING UNIT															
Clamping force	KN		900			1100			1400			1600			
Open stroke	mm		320			350			380		435				
Space between tie bars(WxH)	mm		355x330			410x410			410x410			460x460			
Max.Mold height	mm		350			380			450			520			
Min.Mold height	mm		150			150			160			180			
Ejector stroke	mm		90			100			120			135			
Ejector force	KN		30			38			50			45			
OTHERS															
Max.Pump pressure	MPa		16			16			16			16			
Pump motor power	KW		11			13			13			18.5			
Heating power	KW		7.55			8.2			7.9			12.5			
Machine dimension(LxWxH)	m		3.81x1.19x1.77	,	q	4. 15x1.12x1.9	0		4.48x1.11x1.90)		4.86x1.30x2.10			
Oiltank cubage	L		180			230			270			300			
Machine weight	t		2.8			3.4			4			6			
Platen Dimensions		\$ 8.8.2	400 420 350 280 140 140 140 140 140 140 140 140 140 14	40-M16		90 920 920 920 140 140 920 920 920 920 920 920 920 92	8 2 5 8 2 5 8 2 5		490 450 350 350 210 40 40 40 40 40 40 40 40 40 40 40 40 40	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUM		550 450 50 280 140 150 150 150 150 150 150 150 15	60-M16		
Mould Space Dimensions			\$16 \$R10	30		SR10 SR10	220		SR10 SR10 380 160-450	270		Shis 180-520	295 30		

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Item Specif	ication		HTW200			HTW250			HTW280			HTW320			
item opecin	Callon	А	В	С	Α	В	С	Α	В	С	А	В	С		
INJECTION UNIT															
Screw diameter	mm	45	50	55	50	55	60	55	60	65	67	70	75		
Screw L/D ratio	L/D	23.3	21	19.1	23	21	19.2	22.9	21	19.4	22.5	21.5	20		
Shot volume(theoretical)	cm ³	340	420	510	455	550	655	676	805	945	1181	1289	1480		
Injection weight(ps)	g	310	383	466	416	503	600	615	732	859	1076	1175	1349		
Injection rate	g/s	124	154	186	187	227	270	223.5	266	312.2	337	368	422		
Injection pressure	MPa	207	168	139	205	169	142	202.3	170	144.9	186	170	148		
Screw speed	rpm		155	2		180			220			190			
CLAMPING UNIT															
Clamping force	KN		2000			2500			2800			3200			
Open stroke	mm		475			540			590		660				
Space between tie bars(WxH)	mm		530x530			580x580			610x610		660×660				
Max.Mold height	mm		530			550			630			720			
Min.Mold height	mm		200			200			200			250			
Ejector stroke	mm		140			145			150		160				
Ejector force	KN		70			70			70			70			
OTHERS															
Max.Pump pressure	MPa		16			16			16			16			
Pump motor power	KW		18.5			22			30			37			
Heating power	KW		13.6			15			18.3			24.7			
Machine dimension(LxWxH)	m		5.22x1.57x2.21			5.82x1.55x2.23	3		5.98x1.66x2.37			7.21x1.90x2.34			
Oiltank cubage	L		300			380			385			620			
Machine weight	t		7			8			9		12.5				
Platen Dimensions		88889	\$50 \$20 \$20 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	88888	700 560 - 220 - 220 - 140 - 140 - 200 - 20	44 M20		560 500 500 500 500 500 500 500 500 500	M20	S.R.R.S.R.	100 100 100 100 100 100 100 100 100 100	32.M20		
Mould Space Dimensions			33 30 38 35 38 37 38 37 38 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	25		SR15 SR15	385		590 200-630	322	30. 30. 30. 30. 30. 30. 30. 30. 30. 30.				

Item Specif	ication		HTW400			HTW460			HTW500			HTW600			HTV	/730	
item Speci	Callon	А	В	С	Α	В	С	Α	В	С	А	В	С	Α	В	С	D
INJECTION UNIT																	
Screw diameter	mm	70	75	80	75	80	85	75	80	85	90	95	100	90	95	105	110
Screw L/D ratio	L/D	23.6	22	20.6	22.7	21	20	22.7	21	20	23.2	22	20.9	23.2	22	19.9	19
Shot volume(theoretical)	cm ³	1500	1723	1960	1767	2010	2270	1900	2161	2440	2863	3190	3534	3181	3544	4330	4752
Injection weight(ps)	g	1365	1567	1784	1608	1830	2066	1729	1967	2220	2605	2903	3216	2895	3225	3940	4324
Injection rate	g/s	335	384	437	382	442	499	386	442	499	552	612	679	574	640	781	858
Injection pressure	MPa	199	173	152	191	168	148	191	168	148	184	165	149	195	175	143	130
Screw speed	rpm		150			160			130		"	150			11	15	
CLAMPING UNIT																	
Clamping force	KN		4000			4600			5000			6000			73	00	
Open stroke	mm		705			740			770			870			95	50	
Space between tie bars(WxH)	mm		730x730			780x780			820x800			870x870			950:	(950	
Max.Mold height	mm		780			800			810			900			96	80	
Min.Mold height	mm		250			280			330			350				00	
Ejector stroke	mm		180			200			240			250			28	30	
Ejector force	KN		110			110			150			150			2	10	
OTHERS																	
Max.Pump pressure	MPa		16			16			16			16			1	6	
Pump motor power	KW		45		55				55			30+37			37-	-37	
Heating power	KW		29.3			31.4			31.4			42.95			56	.7	
Machine dimension(LxWxH)	m	7	7.61x1.86x2.4	11	8	3.20x2.00x2.8	0		8.4x1.92x2.76	6	1		11.43x2	40x3.14			
Oiltank cubage	L.		700		750			900			1100			1200			
Machine weight	t		16		18			18.5			28			37			
Platen Dimensions		83838R 12-66	• • • • • • • • • • • • • • • • • • •	35-400 25-308 25-308 27-31 21-31 35-308	\$38388	300 300 300 300 300 300 300 300 300 300	36-420 10-40 10-40 10-40 10-40 10-40 10-40 10-40 10-40 10-40	8 3 8 9 9 1	\$60 \$60 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$7	30 S S S S S S S S S S S S S S S S S S S	S 8 8 8 8 9 9 9	1120	3333		138	Semental Sem	33 8 8
Mould Space Dimensions			9 3 5 6 8 8 15 8 15 740 250-780	190		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			770 330-810	475		\$8.50 \$8.50 \$8.50 \$8.50	550		950	675 35 35 88 88 88 88 88 88 88 88 88 88 88 88 88	

tem Specif	ication		HTW	1000			HTW	/1100			HTW	1200		HTW1400				
leiii <u>opecii</u>	Callon	Α	В	С	D	Α	В	С	D	А	В	С	D	Α	В	С	D	
NJECTION UNIT																		
Screw diameter	mm	90	100	110	115	100	110	120	125	110	115	120	125	110	120	130	140	
Screw L/D ratio	L/D	25.5	23	20.9	20	25.2	23	21	20	23	22	21	20.2	25.7	24	22	20	
Shot volume(theoretical)	cm ³	3244	4006	4847	5297	4163	5037	5994	6504	5270	5760	6272	6805	6271	7463	8759	1015	
njection weight(ps)	g	2952	3645	4410	4821	3788	4583	5455	5919	4796	5242	5707	6193	5706	6791	7970	924	
njection rate	g/s	580	717	867	948	793	867	944	1024	793	867	944	1024	815	970	1138	132	
njection pressure	MPa	216	176	146	133	207	171	144	132	186	170	156	144	208	175	150	129	
Screw speed	rpm		10	00			1	00			9	00		90				
CLAMPING UNIT																		
Clamping force	KN		110	000			11	000			120	000		14000				
Open stroke	mm		10	00			12	200			11	80		1350				
Space between tie bars(WxH)	mm		1080	1000			1160	x1100			1220	x1100		1310x1310				
Max.Mold height	mm		11	00			12	200			12	200		1400				
Min.Mold height	mm		40	00			4	50			4.	50			6	00		
ejector stroke	mm		32	25			3	25			3	25			3	60		
jector force	KN		34	15			2	45			2	45			2	60		
THERS																		
Max.Pump pressure	MPa		1	6			1	6			1	6	16					
ump motor power	KW		37-	-45			45	+45			45	+55		55+55				
leating power	KW		5	9			68	3.4			66	3.1		86				
Machine dimension(LxWxH)	m		12.1x2.	64x3.00			12.30x2	.60x3.00			12.54x2	.66x3.27		15.2x3.00x4.13				
Diltank cubage	L		17					50				00		2900				
Machine weight	t		5	3			5	8			6	60		90				
ten Dimensions					3-vo.		28 57 1	12.00 Sign and a				12-040 13-040						

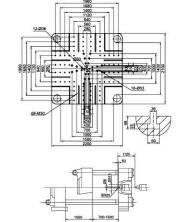
Mould Space Dimensions

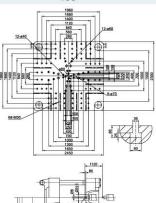
Technical parameters

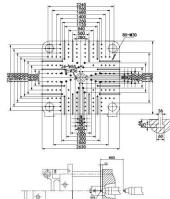
Item Specifi	ontion		HTW	1660		HTW2000					HTW2500		HTW3000			
i item — Speciii	Callon	Α	В	С	D	А	В	С	D	А	В	С	А	В	С	
INJECTION UNIT																
Screw diameter	mm	120 130 140 150		130	140	150	160	180	200	210	180	210	220			
Screw L/D ratio	L/D	25.4	23.4	21.7	18.9	25.9	24	22.4	20.9	24	24	24	24	24	22.9	
Shot volume(theoretical)	cm ³	7368	8759	10159	11662	9460	11238	12900	14678	28501	35186	4003	29390	40003	43904	
Injection weight(ps)	g	6704	7970	9244	10612	8608	10226	11739	13356	25935	32019	36402	26745	36402	39953	
Injection rate	g/s	1056	1240	1438	1650	1172	1360	1560	1776	1523	1880	2000	1468	2000	2200	
Injection pressure	MPa	195	165	145	126	190	163	142	125	193	156	142	210	155	141	
Screw speed	rpm		8	5			7	0			53		50			
CLAMPING UNIT																
Clamping force	KN	16600					200	000			25000		30000			
Open stroke	mm	1550					16	00			1900		2000			
Space between tie bars(WxH)	mm		1500	x1400			1650	x1500			1850x1700			1900x1750		
Max.Mold height	mm		15	00			16	20			1800		1900			
Min.Mold height	mm		70	00			80	00			700		1000			
Ejector stroke	mm		42	20			42	20			450		450			
Ejector force	KN		42	20			49	90			490		565			
OTHERS																
Max.Pump pressure	MPa		17	7.5			16	6.5			16		16			
Pump motor power	KW		45+4	5+45			45+5	5+55			45+45+55+55			55+55+55+55		
Heating power	KW		94	1.9		110.7					170.9		177			
Machine dimension(LxWxH)	m		16.35x3	.15x4.17			17.80x3	.35x4.28			18.50x4.10x3.6	5	22.00x5.50x5.00			
Oiltank cubage	L		30	00			37	00			3100		4500			
Machine weight	t		12	25			1!	56			180		220			
			- 10	60 _				960			2240			2780		

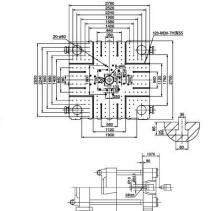
Platen Dimensions

Mould Space Dimensions











STANDARD & OPTIONAL FEATURES

haitai machine plastic injection molding machine

Clamp unit

- 5 x point double toggle system
- Special pre-tensioned tie bars for reliable endurance
- · Mechanical & electrical safety devices
- Special hydraulic safety devices (for machine above 500 tons)
- · Low pressure mould protection device
- Multi stage mold open/close pressure & speed control
- · Multi stage & function hydraulic ejection control
- · Fast mold closing device
- · Mechanical open-stop device
- Adjustable slide riding on hardened steel tracks to support the moving platen
- Robust casting construction with strengthened tie bar guides, for rigid support and platen alignment
- Automatic mould height adjustement function for clamp tonnage set up
- Fixed platen-set forward of machine frame, to allow oversize moulds to overhang the platen
- Hollow spherical casting designed with finite element analysis (for maximum rigidity)
- Toggle lubrication-automatic lube system with function monitor (oil pressure sensor and oil level sensor)
- Frame with catch tray and guide channels (to collect surplus oil and keep machine frame clean)
- Automatic toggle greasing system by central lubrication device
- · Hardened steel pins and bushes

Injection Unit

- · Multi-step pressure, speed and time control for plasticizing
- Injection cushion position monitoring function
- · Plasticizing cold start prevention function
- · Hopper slide
- Purge guard with limit switch interlock
- Injection unit anti-slip aluminum cover
- · PID barrel temperature control device
- Suck back function
- · Screw plasticizing back pressure control function
- · Cooling water manifold
- Multi stage injection hold pressure control
- Multi stage injection pressure control
- Nozzle centering alignment device

Hydraulics

- · Multi-step pressure, speed and time control for plasticizing
- · Injection cushion position monitoring function
- · Plasticizing cold start prevention function
- · Hopper slide
- · Purge guard with limit switch interlock
- Injection unit anti-slip aluminum cover
- · PID barrel temperature control device
- Suck back function
- · Screw plasticizing back pressure control function
- Cooling water manifold
- · Multi stage injection hold pressure control
- · Multi stage injection pressure control
- Nozzle centering alignment device

Optional Extras

- Wide selection of special screw for special customer applications Eg: Bimetalic screw and chamber for special materials
- Fully cover enclose injection unit (up to 160 tons) for operator safety
- · Back pressure control
- · Oil level alarm
- · Multi zone water flow control
- · Automatic water vlave
- Powered safety gate
- · Shut-off nozzles
- · Robot interface
- By-pass filter
 Extra core puller valves
- · Hydraulic mould un-screw control
- · Color doser signal
- · Color doser signal
- Auxiliary machine (hopper dryer, auto loader, color doser, dehumidifier, mold temperature controller, hopper magnet,granultor, mixer, chiller, cooling tower)

Controls

- · With 7,8 or 10 inch LCD colour screen
- · Mold data storage function
- · Swivel mounted control panel
- · Control cabinet with cooling fans
- Cabinet door fitted with combination door lock+main isolator switch
- · Elevated warning lamp
- · PID barrel+nozzle temperature control

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