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WE WALK ALONGSIDE THE WORLD

Stock code:300415

YIZUMI伊之密

Designed by Yizumi in December 2018

VIM

立式塑料成型機

**Vertical Plastic Injection
Molding Machine**



廣東伊之密精密注壓科技有限公司
Guangdong Yizumi Precision Injection Molding and Die Casting Technology Co., Ltd.

地址:中國廣東省佛山市順德區大良五沙居委會順昌路12號
Address: No.12, Shunchang Road, Daliang, Shunde, Foshan, Guangdong Province, China 528306
TEL: 86-757-2926 2215 Email: imm@yizumi.com www.yizumi.com



伊之密公司簡介

立志成為所在領域世界級企業



伊之密順德容桂總部
Yizumi's headquarters in Ronggui, Shunde



順德五沙生產基地
Wusha production base in Shunde



蘇州吳江生產基地
Wujiang production base in Suzhou

輕合金及高分子複合材料模型成型工藝的廣泛應用，改變了近代的工業製造模式，使低成本大批量生產成為可能。今天，以鋁、鎂、鋅為代表的輕合金，及以塑膠、橡膠為代表的高分子複合材料，已成為工業製品和消費產品不可或缺的重要組成原料，從而帶動相關的模壓成型裝備的飛速發展。

2002年，公司在佛山市順德區容桂鎮四基生產出第一台伊之密塑膠注射成型機，隨後，伊之密相繼推出鋁、鎂、鋅合金壓鑄機、橡膠注射機和機器人自動化集成系統，並得到了越來越多模壓成型行業知名客戶的認可和信賴。現在，在中國市場，伊之密注塑機已經位列業內前三名，壓鑄機、橡膠機均位列行業前二。

2015年1月23日，伊之密成功登錄深交所A股市場，開啟企業發展的新征程。13年來，伊之密一直致力於讓中國裝備技術與世界同步，著力提高自身的技術實力、產品品質和服務。上市後，伊之密繼續朝著這個方向努力，鎖定“成為所在領域的世界級企業”的新目標，圍繞模壓成型專用機械設備領域多元化地延伸產品，創新產品研發和企業運營方式，積極佈局全球市

場，最終讓全球的客戶和同行都認可伊之密的產品和 brand。

今天，伊之密除了擁有占地8000m²的順德高新區生產基地外，順德五沙生產基地(占地81117m²)和蘇州吳江生產基地(一期占地33213m²)已全面投產，滿足伊之密未來五到十年的發展需要。另外，伊之密在全球市場運行“伊之密”和“HPM”雙品牌戰略，在北美、印度設立生產基地，開拓和鞏固伊之密的國外市場。

為進一步把產品做到精益求精，伊之密引入IPD產品集成研發管理模式，從客戶需求出發，以嚴謹的流程開發產品，完善產品升級換代。投入累計超過1.2億元人民幣，打造屬於伊之密自己的精密製造平臺，並投資建設恒溫計量檢測中心，全力升級產品品質。

為客戶創造更大價值及更佳的投资回報，是我們存在的意義。今後，我們將在節能技術、自動化技術、精密控制技術、產品無故障技術等領域作更大投入，持續保證產品的先進性和可靠性。同時，我們還將致力建設業內更佳服務體系，提供快速、準確的服務，為提高全球客戶競爭力不懈努力。

About Yizumi

We aspire to become a world-class enterprise in our field!

With the widespread application of compression molding technology of light alloy and polymer-based composite, the mode of modern industrial manufacture has been changed and massive production with low-cost becomes possible. Today, light alloy exemplified by aluminum, magnesium and zinc, and polymer composites represented by plastics and rubber have become indispensable raw materials of industrial and consumer products. The relevant molding machinery industry thus achieves rapid development.

At the beginning of 2002, Yizumi manufactured the first injection molding machine in Siji, Ronggui Subdistrict. Then Yizumi launched die casting machines for aluminum, magnesium and zinc alloy, rubber injection machines and robotic automated integrated systems, obtaining high recognition from more and more well-known customers in the molding industry. Yizumi ranks top three among Chinese injection molding machine manufacturers and top two among both Chinese die casting machine manufacturers and rubber injection machine manufacturers.

On January 23, 2015, Yizumi successfully launched an IPO on the A-share market of Shenzhen Stock Exchange, which was a new start for the company's development. Yizumi has been committed to improve Chinese equipment technology to walk alongside the world and enhance its technical strength, product quality and service for 13 years. Yizumi will keep forward as always, set the new goal as becoming a world-class enterprise in the industry, diversify the products around the area of molding machinery for special applications, make innovations in the research and development of products as

well as enterprise operation, so that Yizumi's products and brands are recognized by customers and counterparts worldwide.

In addition to the manufacturing base that covers an area of 80,000m² in Shunde National Hi-tech Industrial Zone, Yizumi's Wusha Factory (covering 81,117m²) and Suzhou factory (1st stage land area of 33,213m²) also have been put into use, which will meet the development needs of Yizumi in the next five to ten years. Yizumi also implements the YIZUM-HPM dual brand strategy in global markets and builds overseas bases in North America and India to develop and consolidate foreign markets.

To further improve the products, Yizumi introduces IPD mode to develop the products following strict procedures and upgrade the products based on customer needs. Yizumi has spent over 120 million RMB building its own precision manufacturing platform and invested in building a constant-temperature measuring and testing center to fully improve the product quality.

The greatest significance of Yizumi's existence lies in creating more value and better investment return for customers. In the future, the company will devote more input to areas such as technology of energy-saving, automation, precision control and trouble-free products so as to make sure our products are advanced and reliable. Meanwhile, we will be dedicated to setting up the better service system in the industry to provide rapid and quality service, making unremitting endeavor to improve the competitiveness of customers worldwide.

宗旨: 我們致力於讓中國裝備技術與世界同步，並為全球客戶創造更佳的投资回報和客戶體驗。

使命: 五年內成為中國領先的裝備製造商，並於主要新興市場建立全球經營系統，成為真正的“全球化”企業。

願景: 成為一家經營好、管理好、文化好、讓員工引以為傲，為社會仰慕及尊敬的企業，永續經營。

Aim: We are dedicated in providing global clients with better investment return and customer experience.

Mission: We are determined to become a leading Chinese machine manufacturer in five years and a real globalized enterprise with establishment of global business system in major rising markets.

Vision: We wish to become a long-lasting enterprise with effective operation, efficient management and excellent culture, of which the employees are proud and to which social respect are showed.

電動·油電複合注塑機

Electric & Hybrid Injection Molding Machines

- **空間效率、工作效率、時間效率，成型機已全面追求效率化。**

Injection molding machines have started chasing space efficiency, work efficiency and time efficiency in an all-round way.

- **因這些效率需要，催生了高科技產品：電動注塑機、油電複合注塑機。**

The pursuit of efficiency has facilitated the emergence of high-tech products: electric injection molding machines and high-speed hybrid injection molding machines.

- **高回應射出：最高射速1000mm/s,適應各種薄壁、精密射出成型需要。**

High-response injection: maximum injection speed of 1000mm/s, meeting all kinds of thin-wall precision injection molding needs.

電動·油電複合注塑機 Electric & Hybrid Injection Molding Machines

- 集中體現了液壓式和電動式兩種類型注塑機的優點，突出了高節能、快響應、高精度、高效率的特點。

- 採用伺服控制器調控伺服電機驅動齒輪泵和螺桿，對流量、壓力實施閉環控制，實現鎖模、射膠的多段速度、壓力和儲料塑化的精確控制。

- 與常規機相比節能40%-70%。

- 適合超薄型和高精度產品的注塑成型。

- 射膠響應時間≤20ms,射膠速度達1000mm/s
制品重量誤差≤0.5%。

- Combining advantages of hydraulic and electric machines and highlighting high energy savings, fast response, high precision and high efficiency

- Servo-motor-driven gear pump and screw regulated by servo controller, closed-loop control of flow and pressure, accurate multi-stage speed and pressure control of injection and clamping and plasticizing

- Using 40%-70% less energy than conventional machines

- Suitable for injection molding of ultra-thin and high-precision products

- Injection response time≤20ms, injection speed up to 1000mm/s, part weight tolerance ≤0.5%

電控系統

Electrical System

- 採用盟立電腦控制系統 (MH6117/MH9118),時鐘頻率140MHZ,運行速度快;
- 7"/8"TFT256色LCD顯示,顯示部份獨立CPU控制;
- 主機控制頻率為140MHZ,掃描時間1ms,響應速度快,控制精度高;
- 100組工模參數存儲空間,帶USB接口;
- 品質監控管理,主要工藝參數列表統計;
- 料筒溫度控制PID參數自動調整功能。

- Using Mirle control system (MH6117/MH9118) with clock rate of 140MHZ and high operating speed.
- 7"/8"TFT LCD display, with 256 colours and independent CPU Control.
- Controlling frequency at 140MHZ, scanning time at 1ms, with fast response and high precision.
- 100 sets of mold data saving, with USB interface.
- SPC production quality control.
- PID temperature control.

液壓單元選配參考

Reference for Hydraulic Unit Selection

No.	系統名稱 System name	Item 項目	應答性(ms) Responsiveness (ms)	重複性(%) Repeatability (%)	噪音(Hb) Noise (Hb)	節能(%) Energy saving (%)
A.	PQ開環系統 PQ open-loop system		80	3	75~85	-
B.	精密半閉環系統 Precision semi-closed-loop system		30~75	0.5	45~85	-
C.	省電閉環系統 Power-saving closed-loop system		30~75	0.5	65~75	20-40
D.	省電高精度伺服全閉環系統 Power-saving high-precision fully-closed-loop system		30~40	0.3	60~70	40-50
E.	高精度射出全閉環系統 High-precision-injection fully-closed-loop system		25~35	0.1	75~85	-
F.	SP-ACC高速高精度射出全閉環系統 SP-ACC high-speed fully-closed-loop system		25~35	0.1	75~85	-

A. PQ開環系統

PQ open-loop system

雙比例閥
Double-proportion valve



B. 精密半閉環系統

Precision semi-closed-loop system

BOSCH高響應(半閉)PQ閥
BOSCH High-response(semiclosed) PQ valve



C. 省電閉環系統省電20-40%

Power-saving closed-loop system, saving energy by 20-40%

BOSCH 電子閉環變數泵
BOSCH electronic closed-loop variable displacement pump



D. 省電高精度伺服全閉環系統省電40-50%

Power-saving high-precision fully-closed-loop system, saving energy by 40-50%

匯川伺服系統
INOVANCE servo system



E. 高精度射出全閉環系統 重複精度0.1-0.15%

High-precision-injection fully-closed-loop system, repeatability of 0.1-0.15%

BOSCH伺服閥
BOSCH servo valve



F. SP-ACC高速系統 射速600mm/Sec

SP-ACC high-speed system, injection speed up to 600mm/sec

ACC



備註：選擇不同的液壓系統,機器價格會有所差異。

Note: The price of machine may vary due to the selection of different hydraulic system.

YV系列標準機

YV Series Standard Machine

立式四柱鎖模、立式注射、鎖模力12-2000噸，射出量30克—3000克，方便嵌入零件。

Vertical four-tie-bar clamp, vertical injection unit, clamping force from 12 to 2000T, shot weight from 30 to 3000g, convenient for part insertion



YV系列單滑板機

YV Series Single-slide Machine



規格 Specifications																		
型號 MODEL		單位 UNIT	YV		YV-S		YV		YV-S		YV		YV-S		YV		YV-S	
			120		200		400		600		700		700		700		700	
注射系統 Injection system	螺桿直徑 Screw diameter	mm	φ20	φ22	φ25	φ22	φ25	φ28	φ32	φ25	φ28	φ32	φ36	φ28	φ32	φ36	φ42	
	理論射出容量 Theoretical injection volume	cm	31.4	40	52	39.8	51.5	65	84	58.8	73	96	122	58.8	73	96	122	
	射出量 Maximum shot weight(PS)	g/Oz	28/0.98	36/1.3	46/1.3	35.8/1.25	46/1.6	58/2.0	75/2.6	52.5/1.85	66/2.3	86/3.0	109/3.8	52.5/1.85	66/2.3	86/3.0	109/3.8	
	射出壓力 Injection pressure	Kg/cm	1968	1627	1260	2342	1814	1446	1107	2329	1857	1421	1123	2329	1857	1421	1123	
鎖模系統 Clamping system	射出速率 Injection rate	cm ³ /s	36	44	57	30.8	39.8	50	65	41	51	67	85	65	81	106	135	
	溫控區 Temperature control zone number	-	2		3		3		3		4		4		4		5	
	料門容量 Hopper capacity	L	15		15		20		20		30		30		30		30	
	鎖模力 Clamping force	ton	12		20		40		60		70		70		70		70	
	開模力 Opening force	ton	6.3		6.6		8.3		8.3		13.5		13.5		13.5		13.5	
	最小模厚 Minimum mold height	mm	120/180		100/180		150/200		150/200		200/250		200/250		200/250		200/250	
	開模行程 Opening stroke	mm	160		180		200		200		250		250		250		250	
	最大開距 Maximum daylight	mm	280/340		280/360		350/400		350/400		450/500		450/500		450/500		450/500	
	容模尺寸 Mold dimensions	mm	280×145		360×230		415×250		460×310		500×340		500×340		500×340		500×340	
	頂針行程 Ejector stroke	mm	40		40		60		60		60		60		60		60	
	頂出力 Ejector force	ton	1.3		1.3		1.3		1.3		2.7		2.7		2.7		2.7	
液壓系統 Hydraulic system	最大液壓 Maximum hydraulic pressure	Kg/cm ²	140		140		140		140		140		140		140		140	
	作動油量 Pump output	L	80		130		160		230		230		230		230		230	
	油泵電機 Pump motor power	KW	4		4		5.5		7.5		7.5		7.5		7.5		7.5	
	電熱容量 Heating capacity	KW	2.1		2.7		4.1		4.1		4.5		4.5		4.5		4.5	
	總用電量 Total wattage	KW	6.1		6.7		9.6		9.6		11.6		11.6		11.6		11.6	
其它 Others	滑板行程 Sliding table stroke	mm	-	300	-	350	-	420	-	480	-	500	-	500	-	500	-	500
	轉盤直徑 Rotary table diameter	mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	機尺寸 Machine dimensions(L×W×H)	m	1.3×0.85×2.35	1.6×1.0×2.5	1.65×1.0×2.5	1.85×1.0×2.45	1.9×1.1×2.45	2.15×1.1×2.6	1.9×1.2×2.7	2.0×0.9×2.6	2.0×1.135×2.8	2.2×1.1×3.3	-	-	-	-	-	-
	機器重量 Machine weight	ton	0.66	0.7	0.96	1.25	1.6	1.7	1.9	2.1	2.8	3.0	-	-	-	-	-	-

- ★ YV: 標準機 / Standard machine
- ★ YV-S: 單滑板機 / Single-slide machine

規格 Specifications																			
YV		YV-S		YV		YV-S		YV		YV-S		YV		YV-S		YV		YV-S	
850		1000		1200		1600		2100		2500		3500		3500		3500		3500	
φ28	φ32	φ36	φ42	φ42	φ48	φ46	φ52	φ50	φ55	φ55	φ60	φ60	φ65	φ65	φ75	-	-	-	-
110	144	182	249	277	362	365	467	471	570	570	678	706	829	829	1077	-	-	-	-
98.8/3.4	129/4.5	162/5.7	222/7.8	247/8.7	323/11.3	325/11.4	415/14.6	420/14.8	509/17.9	509/17.9	605/21.3	630/22.2	740/26	829/29.2	961/33.8	-	-	-	-
2848	2180	1732	1266	2083	1595	2193	1716	1856	1534	1749	1470	1588	1353	1590	1194	-	-	-	-
62	81	103	140	85	111	123	157	157	190	180	215	189	221	347.6	462.8	-	-	-	-
4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	-	-	-	-
30	30	30	30	30	30	30	30	30	60	60	60	60	60	60	60	-	-	-	-
85	100	120	160	160	210	210	210	210	210	210	250	250	250	250	250	-	-	-	-
13.5	16	16	18	18	20	20	20	20	20	20	20	20	20	20	20	-	-	-	-
200/250	200	250	300	300	350	350	350	350	350	350	350	350	350	350	350	-	-	-	-
250	250	300	300	300	400	400	400	400	400	400	400	400	400	400	400	-	-	-	-
450/500	450	550	600	600	600	600	600	600	600	600	600	600	600	600	600	-	-	-	-
500×340	560×360	600×400	660×630	670×720	700×720	700×720	700×720	700×720	700×720	700×720	700×720	700×720	700×720	700×720	700×720	-	-	-	-
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	-	-	-	-
2.7	3.9	4.6	5.4	5.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	-	-	-	-
140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	-	-	-	-
230	260	480	500	500	535	535	535	535	535	535	535	535	535	535	535	-	-	-	-
11	15	15	18.5	18.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	-	-	-	-
4.5	7.5	10.4	10.5	10.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	-	-	-	-
15.5	22.5	25.4	29	29	34	34	34	34	34	34	34	34	34	34	34	-	-	-	-
-	500	-	600	-	750	-	800	-	950	-	950	-	950	-	950	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.0×1.3×2.9	2.1×1.1×3.5	2.15×1.35×2.94	2.6×1.2×3.4	2.1×1.65×4	2.5×1.2×3.7	2.7×1.45×4.0	3.2×1.4×4.1	2.8×1.3×4.6	3.6×1.5×4.8	2.8×1.7×4.6	4.3×1.5×4.9	3.2×1.8×5.1	4.5×1.8×5.1	4.5×1.8×5.1	4.5×1.8×5.1	-	-	-	-
3	3.5	4.5	4.7	6.5	6.7	7.2	7.4	9.2	9.5	10.3	10.5	12.9	13	13	13	-	-	-	-

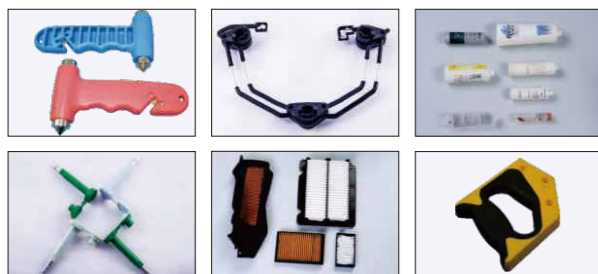
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YV系列雙滑板機

YV Series Double-slide Machine

立式四柱鎖模、立式注射、鎖模力12-2000噸，射出量30克-3000克，方便嵌入零件。

Vertical four-tie-bar clamp, vertical injection unit, clamping force from 12 to 2000T, shot weight from 30 to 3000g, convenient for part insertion



YV系列轉盤機

YV Series Rotary Machine



規格 Specifications																		
型號 MODEL		單位 UNIT	YV-DS		YV-R		YV-DS		YV-R		YV-DS		YV-R					
			200		400		600		700									
射注系統 Injection system	螺桿直徑 Screw diameter	mm	φ22	φ25	φ28	φ32	φ25	φ28	φ32	φ36	φ25	φ28	φ32	φ36	φ42			
	理論射出量 Theoretical injection volume	cm	39.8	51.5	65	84	58.8	73	96	122	58.8	73	96	122	110	144	182	249
	射出量 Maximum shot weight(PS)	g/Oz	35.6/12.5	46/1.6	58/2.0	75/2.6	52.8/1.85	66/2.3	86/3.0	109/3.8	52.5/1.85	66/2.3	86/3.0	109/3.8	98.8/3.4	129/4.5	162/5.7	222/7.8
	射出壓力 Injection pressure	Kg/cm	2342	1814	1446	1107	2329	1857	1421	1123	2329	1857	1421	1123	2848	2180	1723	1266
鎖模系統 Clamping system	射出速率 Injection rate	cm ³ /s	30.8	39.8	50	65	41	51	67	85	65	81	106	135	53	69	87	119
	溫控區 Temperature control zone number	-	3		3		3		4									
	料鬥容量 Hopper capacity	L	15		20		20		30									
	鎖模力 Clamping force	ton	20		40		60		70									
其他 Others	開模力 Opening force	ton	6.6		8.3		8.3		13.5									
	最小模厚 Minimum mold height	mm	100/180		150/200		150/200		200/250									
	開模行程 Opening stroke	mm	180		200		200		250									
	最大開距 Maximum daylight	mm	280/360		350/400		350/400		450/500									
射注系統 electric system	頂針行程 Ejector stroke	mm	60		60		60		60									
	頂出力 Ejector force	ton	1.3		1.3		1.3		2.7									
	最大液壓 Maximum hydraulic pressure	Kg/cm ²	140		140		140		140									
	作動油量 Pump output	L	130		160		230		230									
射注系統 electric system	油泵電機 Pump motor power	KW	4		5.5		7.5		7.5									
	電熱容量 Heating capacity	KW	2.7		4.1		4.1		4.5									
	總用電量 Total wattage	KW	6.7		9.6		11.6		12									
	滑板行程 Sliding table stroke	mm	350		420		480		500									
轉盤直徑 Rotary table diameter	mm	φ700		φ900		φ900		φ1000										
機架尺寸 Machine dimensions(L×W×H)	m	1.8×0.9×2.7		1.2×1.6×2.6		1.9×1.1×2.7		2.0×1.6×2.8		2.0×0.9×2.7		2.0×1.2×2.7		2.3×1.1×3.4		1.9×1.3×3.0		
機器重量 Machine weight	ton	1.5		1.6		1.95		3.2		2.4		3.2		2.9		3.4		

★ YV-DS: 雙滑板機 / Double-slide machine
★ YV-R: 轉盤機 / Rotary machine

規格 Specifications															
YV-DS		YV-R		YV-DS		YV-R		YV-DS		YV-R		YV-DS		YV-R	
850		1000		1200		1600		2100		2500		3500			
φ36	φ42	φ42	φ48	φ46	φ52	φ50	φ55	φ55	φ60	φ60	φ65	φ65	φ75		
182	249	277	362	365	467	471	570	570	678	706	829	928	1077		
162/5.7	222/7.8	247/8.7	323/11.3	325/11.4	415/14.6	420/14.8	509/17.9	509/17.9	605/21.3	630/22.2	740/26	829/29.2	961/33.8		
1732	1266	2083	1595	2193	1716	1856	1534	1749	1470	1588	1353	1590	1194		
103	140	85	111	123	157	157	190	180	215	189	221	347.6	462.8		
4	4	4	4	4	4	4	5	5							
30	30	30	30	30	30	30	60	60	60	60	60	60	60		
85	100	100	120	120	160	160	210	210	250	250	350	350	350		
13.5	16	16	16	16	18	18	20	20	20	20	23.7	23.7	23.7		
200/250	200	250	250	250	300	300	350	350	350	350	300	300	300		
250	250	300	300	300	300	300	400	400	400	400	450	450	450		
450/500	450	550	550	600	600	750	750	750	750	750	750	750	750		
60	100	100	100	100	100	150	150	150	150	150	150	150	150		
2.7	3.9	4.6	4.6	5.4	5.4	6.2	6.2	6.2	6.5	6.5	7	7	7		
140	140	140	140	140	140	140	140	140	140	140	140	140	140		
230	260	480	480	500	500	535	535	535	600	600	700	700	700		
11	15	15	15	18.5	18.5	21.5	21.5	21.5	30	30	37	37	37		
4.5	7.5	10.4	10.4	10.5	10.5	12.5	12.5	12.5	16.8	16.8	19.8	19.8	19.8		
15.5	22.5	25.4	25.4	29	29	34	34	34	46.8	46.8	56.8	56.8	56.8		
500	-	600	-	750	-	800	-	950	-	950	-	950	-		
-	φ1000	-	φ1100	-	φ1224	-	φ1480	-	φ1600	-	φ1800	-	φ1800		
2.3×1.1×3.2	2.0×1.4×3.0	2.6×1.2×3.4	2.3×1.7×3.5	2.9×1.2×3.7	2.3×1.7×3.8	3.7×1.2×4.1	3.1×1.7×4.1	4.3×1.3×4.7	3.6×2.0×4.7	5.2×1.6×4.9	3.8×2.2×4.9	5.5×1.9×5.1	3.8×2.2×5.1		
3.7	4.1	4.8	5	6.9	7	7.6	7.9	9.8	10	10.7	11	13.2	13.1		

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YC系列標準機

YC Series Standard Machine

立式鎖模、橫式注射、無立柱、三面開放,特別方便成型件取放,鎖模力12噸-130噸,射出量80克-8000克。

Vertical clamp without tie bar, horizontal injection unit, particularly convenient for part insertion and removal from three sides, clamping force from 12 to 130T, shot weight from 80 to 8000g



YC系列滑板機

YC Series Double Slide Machine



YC系列轉盤機

YC Series Rotary Machine



規格 Specifications													規格 Specifications														
型號 MODEL		單位 UNIT	YC	YC-S	YC-DS	YC-R	YC	YC-S	YC-DS	YC-R	YC	YC-S	YC-DS	YC-R	YC	YC-S	YC-DS	YC-R	YC	YC-S	YC-DS	YC-R	YC	YC-S	YC-DS	YC-R	
注射系統 Injection system	螺桿直徑 Screw diameter	mm	120				200				450				750				1200								
	理論射出容量 Theoretical injection volume	cm ³	40				65				152				238				467								
	射出量 Maximum shot weight(PS)	g/Oz	36/1.3				58/2.0				136/4.8				213/7.5				415/14.6								
	射出壓力 Injection pressure	Kg/cm ²	1627				1785				1620				1313				2193								
	射出速率 Injection rate	cm ³ /s	44				53				91				143				157								
	溫控區 Temperature control zone number	-	2				3				4				4				4								
鎖模系統 Clamping system	料鬥容量 Hopper capacity	L	15				15				30				60				60								
	鎖模力 Clamping force	ton	12				20				45				75				120								
	開模力 Opening force	ton	6				14				8.3				11.5				16								
	最小模厚 Minimum mold height	mm	120				310				175				200				250								
	開模行程 Opening stroke	mm	150				490				200				270				300								
	最大開距 Maximum daylight	mm	270				800				375				470				550								
	容模尺寸 Mold dimensions	mm	-				-				-				-				-								
	射嘴中心 Nozzle center height	mm	-				-				150±20				170±20				200±20								
液壓系統 Hydraulic system	頂針行程 Ejector stroke	mm	60				60				90				90				90								
	頂出力 Ejector force	ton	1.3				2				1.8				2.7				4.6								
	最大液壓 Maximum hydraulic pressure	Kg/cm ²	140				140				140				140				140								
	作動油量 Pump output	L	80				130				180				280				480								
	油泵電機 Pump motor power	KW	4				5.5				7.5				11				15								
	電熱容量 Heating capacity	KW	2.1				2.7				6.35				10.45				10.45								
其他 Others	總用電量 Total wattage	KW	6.1				8.2				13.85				21.45				25.4								
	滑板行程 Sliding table stroke	mm	-	300	300	-	-	350	350	-	-	450	450	-	-	570	570	-	-	570	570	-	-	750	750	-	
	轉盤直徑 Rotary table diameter	mm	-	-	-	φ580	-	-	-	φ700	-	-	-	φ900	-	-	-	φ1000	-	-	-	φ1000	-	-	-	φ1224	
	機械尺寸 Machine dimensions(L×W×H)	m	1.3×0.8×2.3	1.3×1.2×2.4	1.6×1.4×2.4	1.1×0.8×2.6	1.6×1.1×3.2	1.6×1.6×3.2	1.6×1.8×3.2	1.6×0.8×3.2	2.2×0.8×2.1	2.2×1.2×2.2	2.2×1.6×2.2	2.2×1.1×2.2	2.6×0.9×2.6	2.6×1.8×3.0	3.0×2.1×3.0	3.5×1.2×3.0	2.6×0.9×2.6	2.6×1.8×3.0	3.0×2.1×3.0	3.5×1.2×3.0	3.5×1.2×2.8	3.5×1.2×2.8	3.5×2.5×2.8	3.5×3.0×2.8	3.5×1.6×2.8
	機器重量 Machine weight	ton	0.66	0.7	0.73	0.75	0.96	1.25	1.5	1.6	3	3.1	3.5	3.5	4.8	4.9	5.1	5	4.8	4.9	5.1	5	6	6.2	6.3	6.3	

★ YC: 標準機 / Standard machine
★ YC-S: 單滑板機 / Single-slide machine

★ YC-DS: 雙滑板機 / Double-slide machine
★ YC-R: 轉盤機 / Rotary machine

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YH系列滑板機

YH Series Double Slide Machine

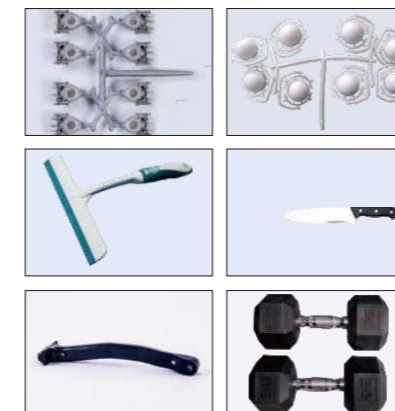
立式四柱鎖模、橫式注射、鎖模力 90–2500噸，射出量180克—8000克，比例式壓力、流量油路控制，機械結構合理、壓力高、速度快，適合較大型嵌件產品的加工。

Vertical four-tie-bar clamp, horizontal injection unit, clamping force from 90 to 2500T, shot weight from 180 to 8000g, proportional hydraulic pressure and flow control, well-designed mechanical structure, high pressure and speed, suitable for processing large inserts



YH系列轉盤機

YH Series Rotary Machine



規格 Specifications														
型號 MODEL		單位 UNIT	YH	YH-S	YH-DS	YH-R	YH	YH-S	YH-DS	YH-R	YH	YH-S	YH-DS	YH-R
射出系統 Injection system	螺桿直徑 Screw diameter	mm	φ36	φ40	φ45	φ46	φ52	φ45	φ50	φ55				
	理論射出容量 Theoretical injection volume	cm ³	203	251	317.9	365	467	381	471	570				
	射出量 Maximum shot weight(PS)	g/Oz	181/6.3	224/8.8	284/10	325/11.4	415/14.6	340/11.9	420/14.8	509/17.9				
	射出壓力 Injection pressure	Kg/cm ²	2570	2082	1645	2193	1716	2291	1856	1534				
	射出速率 Injection rate	cm ³ /s	105	129	164	123	157	127	157	190				
	溫控區 Temperature control zone number	-		4			4			4				
鎖模系統 Clamping system	料鬥容量 Hopper capacity	L		60			60			60				
	鎖模力 Clamping force	ton		90			120			160				
	開模力 Opening force	ton		7.25			7.25			7.25				
	最小模厚 Minimum mold height	mm		250			250			250				
	開模行程 Opening stroke	mm		300			300			350				
	最大開距 Maximum daylight	mm		550			550			600				
	容模尺寸 Mold dimensions	mm		530×410			570×450			600×460				
	射嘴中心 Nozzle center height	mm		125±20			160±20			180±20				
液電力系統 Hydraulic system	頂針行程 Ejector stroke	mm		75			100			100				
	頂出力 Ejector force	ton		3.9			4.6			5.4				
	最大液壓 Maximum hydraulic pressure	Kg/cm ²		140			140			140				
	作動油量 Pump output	L		380			480			480				
	油泵電機 Pump motor power	KW		15			15			18.5				
	電熱容量 Heating capacity	KW		10.45			10.4			14.65				
其它 Others	總用電量 Total wattage	KW		25.45			25.4			33.15				
	滑板行程 Sliding table stroke	mm	-	600	600	-	-	630	630	-	-	620	620	-
	轉盤直徑 Rotary table diameter	mm	-	-	-	φ1100	-	-	-	φ1224	-	-	-	φ1480
	機械尺寸 Machine dimensions(L×W×H)	m	2.9×1.4×2.7	3.3×1.4×2.8	2.9×2.2×2.8	3.8×1.6×2.9	3.6×1.5×2.9	4.0×1.5×2.9	3.6×2.4×2.9	4.1×1.9×2.9	3.6×1.5×3.0	4.1×1.5×3.0	3.7×2.7×3.0	4.5×2.3×3.0
機器重量 Machine weight	ton	4	4.2	4.5	4.7	6.8	7	7.1	7.2	7.2	7.4	7.5	7.5	

★ YH: 標準機 / Standard machine
★ YH-S: 單滑板機 / Single-slide machine

★ YH-DS: 雙滑板機 / Double-slide machine
★ YH-R: 轉盤機 / Rotary machine

規格 Specifications																			
YH	YH-S	YH-DS	YH-R	YH	YH-S	YH-DS	YH-R	YH	YH-S	YH-DS	YH-R	YH	YH-S	YH-DS	YH-R				
		2100				2500				3500				4000					
φ50	φ55	φ60	φ50	φ55	φ60	φ60	φ65	φ70	φ55	φ60	φ70	φ70	φ75	φ80					
549	664	791	491	594	706	791	928	1077	950	1131	1539	1847	2121	2413					
490/17.3	593/21	706/24.9	438/15.4	530/18.7	630/22.2	705/24.8	829/29.2	961/33.8	893/31.4	1063/37.4	1447/50.9	1648/58	1893/66.8	2153/76					
2280	1890	1588	2280	1890	1588	1866	1590	1370	2952	2481	1823	2057	1792	1575					
122	159	189	122	159	189	158	185.6	215.4	190	226	308	323	371	422					
		4			5			5			5			5					
		60			60			60			60			60					
		210			250			350			400			500					
		9.2			9.2			13			15			15					
		300			300			300			350			450					
		400			450			450			600			600					
		700			750			750			950			1150					
		700×560			735×600			830×600			900×680			1000×750					
		200±20			200±20			200±20			200±20			200±20					
		150			150			150			200			200					
		5.4			6.1			6.1			7			7					
		140			140			140			140			140					
		535			600			700			700			800					
		22			30			37			41			48					
		15			17.5			19.8			19.8			22					
		37			47.5			56.8			60.8			70					
		720	720			1100	1100			1300	1300			1350	1350				
				φ1600				φ1600			φ1800			φ1800					
38×1.5×3.3	4.3×1.6×3.3	3.8×2.8×3.3	4.5×2.3×3.3	4.3×1.6×3.6	5.1×1.6×3.7	4.3×2.7×3.7	5.5×2.4×3.8	4.5×1.7×3.7	5.7×1.7×3.8	4.5×3.1×3.8	5.7×2.4×3.9	4.8×1.8×4.0	6.1×1.8×4.1	4.8×3.2×4.1	6.0×2.7×4.2	5.3×2.0×4.4	6.6×2.0×4.5	5.3×3.2×4.5	6.5×2.7×4.6
9.9	10	10.2	10.3	11.2	12	12.4	12.3	12.9	13	13.2	13.1	13.6	14.3	12.4	14.2	15	15.4	15.8	15.6

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性能與配置

通用性能

- 下模固定, 上模活動, 適合嵌入件注塑成型。
- 氮化鋼螺桿、料管, 高扭矩液壓馬達驅動, 多段注塑壓力, 塑化性能好。
- 直壓式子母鎖模缸設計、高速低壓合模、多重壓力控制, 提高模具使用壽命, 安全性高。
- 電器保護裝置, 無誤動作發生, 維護操作人員安全。
- 射座可自動升降, 方便模具、原料更換。

標準配置

- 安全光柵裝置
- 螺桿冷料保護裝置
- 緊急停止安全開關
- P.I.D比例式溫度控制
- 自動故障顯示及停機
- 全電腦螢幕顯示電控
- 雙押扣開關安全起動裝置
- 快速鎖模, 低壓安全鎖模裝置
- 自動洗料裝置

特殊配置

- 滑板臺可加設單模滑板或雙滑板裝置, 能提高生產效率至30%-50%
- 轉盤臺可加設雙模位或參模位轉盤裝置, 安全省時, 能提高生產效率至40%-80%
- 自動化嵌入件系統(專用機設計)
- 熱固性注塑成型系統
- 高耐磨耐腐蝕螺桿料筒組
- 自動潤滑(自動集中供油裝置)

選擇配置

- 彈簧料嘴裝置
- 自動警報裝置
- 特殊液壓單元配置
- 特殊電氣控制單元配置
- 乾燥料斗或自動吸料機
- 抽芯裝置
- 拉鏈機吹氣裝置
- 機械保護裝置
- 電磁快速換模系統
- 液壓快速鎖模系統
- 加長開模行程
- 熱流道時序控制裝置
- 熱流道內置集成
- 液壓舉模裝置
- 歐規強制頂針
- 上頂出結構
- 模具溫度顯示(顯示屏內)
- 液壓射嘴
- 氣動料鬥滑塊
- 橫開式安全門
- 特殊原料專用螺桿
- 模腔壓力反饋監測
- 可視分水閥
- 油溫恆溫

Performance & Features

GENERAL PERFORMANCE

- Fixed lower platen and movable upper platen. Suitable for insert molding
- Nitrided steel screw and barrel, high-torque hydraulic motor-driven, multi-stage injection pressure, excellent plasticizing performance
- Vertical hydraulic clamping system with two cylinders, high-speed and low-pressure mold closing, multi-stage pressure control, longer mold life and more safety
- Protective devices of electrical components to avoid malfunction and maintain personal safety
- Movable injection carriage for easy replacement of material and mold

STANDARD FEATURES

- Light curtain
- Screw cold start protection
- Emergency stop safety switch
- PID proportional temperature control
- Automatic fault display and shutdown
- Control system with touchscreen
- Double-way safety starting switch
- High-speed low-pressure safety clamping device
- Automatic cleaning device

SPECIAL FEATURES

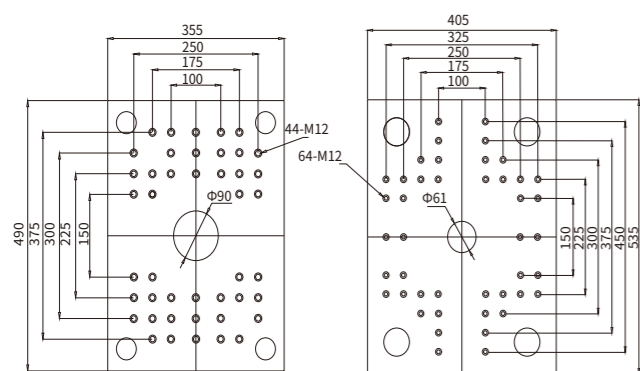
- Additional single-platen or double-platen sliding table, increasing productive efficiency by 30%-50%
- Additional two or three-station rotary table, safe and time-saving, increasing productive efficiency by 40%-80%
- Automatic insert system (special design)
- Thermoset injection molding system
- Screw and barrel assembly resistant to wear and corrosion
- Automatic lubrication (central lubricant supply device)

OPTIONAL FEATURES

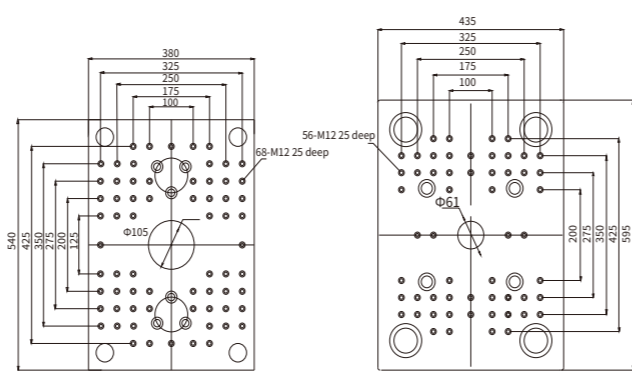
- Spring nozzle
- Automatic alarm device
- Special configuration of hydraulic unit
- Special configuration of electrical control unit
- Drying hopper or auto loader
- Core pulls
- Zipper machine air-blowing device
- Mechanical protective device
- Electromagnetic quick mold change system
- Hydraulic fast clamping system
- Longer opening stroke
- Hot runner time sequence controller
- Hot runner built-in integrated circuit
- Hydraulic mold lifting device
- Compulsory ejector according to European standard
- Upper ejection structure
- Mold temperature display (on screen)
- Hydraulic nozzle
- Pneumatic hopper slide block
- Horizontal safety gate
- Dedicated screw for special material
- Monitoring of mold cavity pressure
- Visible water-distributing valve
- Maintenance of constant oil temperature

模板尺寸 Platen Dimensions

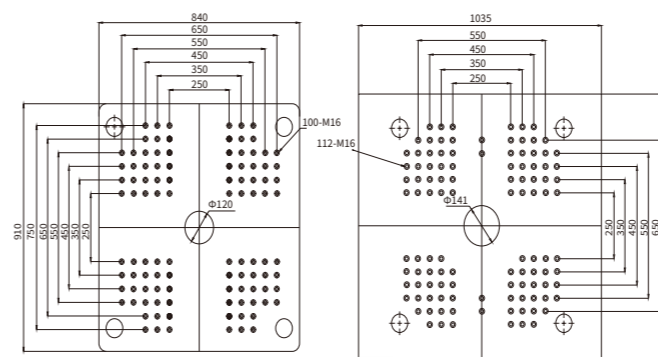
YV-200



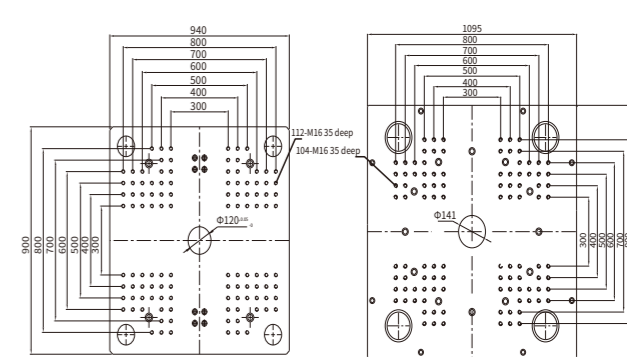
YV-400



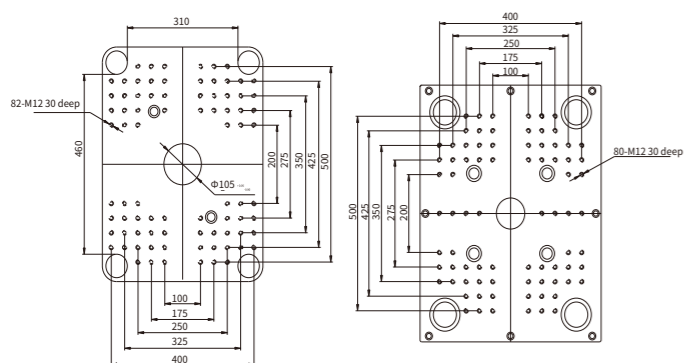
YV-1600



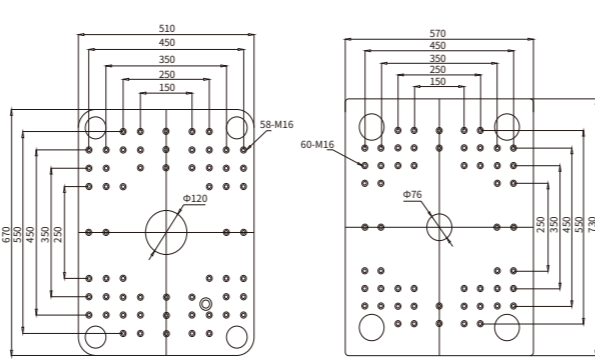
YV-2100



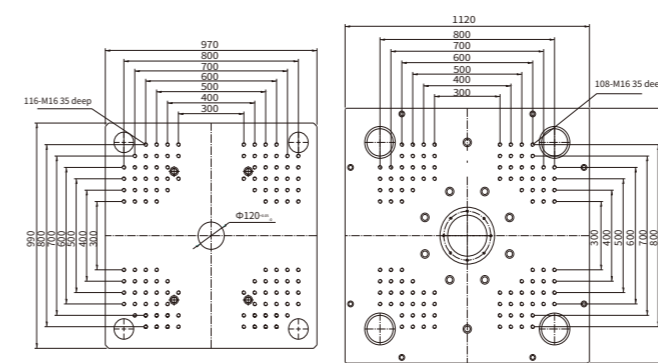
YV-600



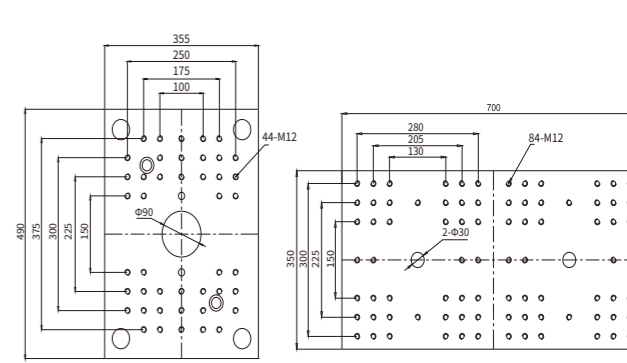
YV-850



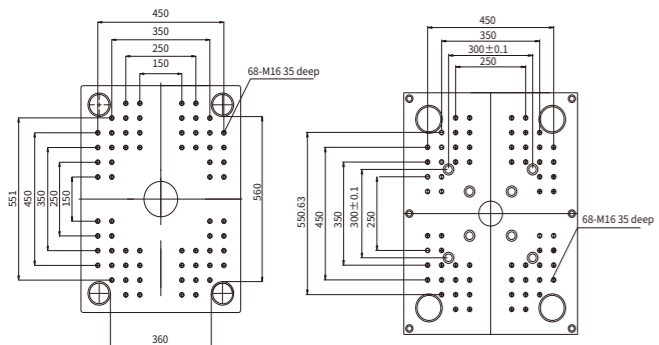
YV-2500



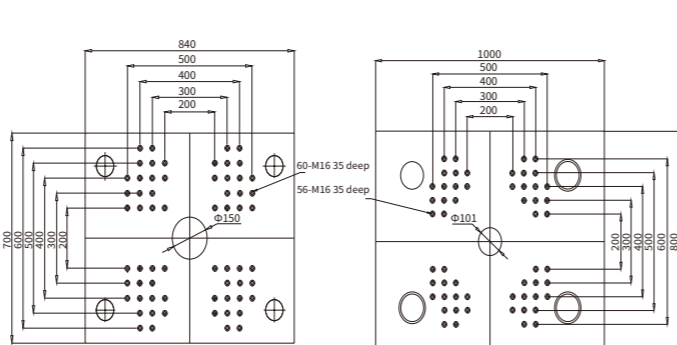
YV-200DS



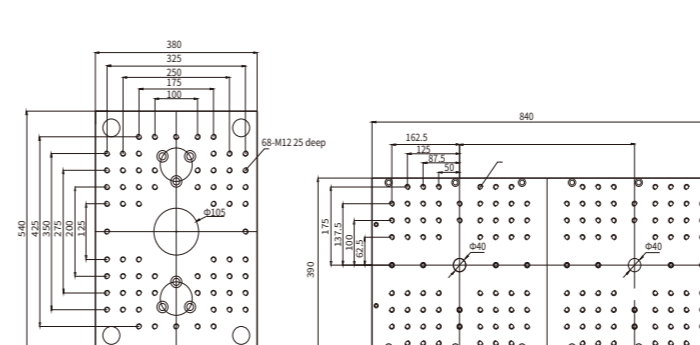
YV-1000



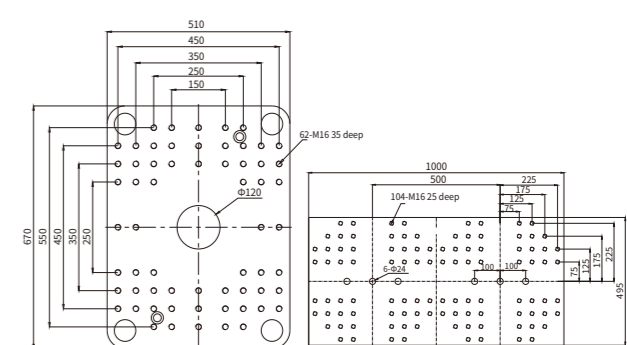
YV-1200



YV-400DS

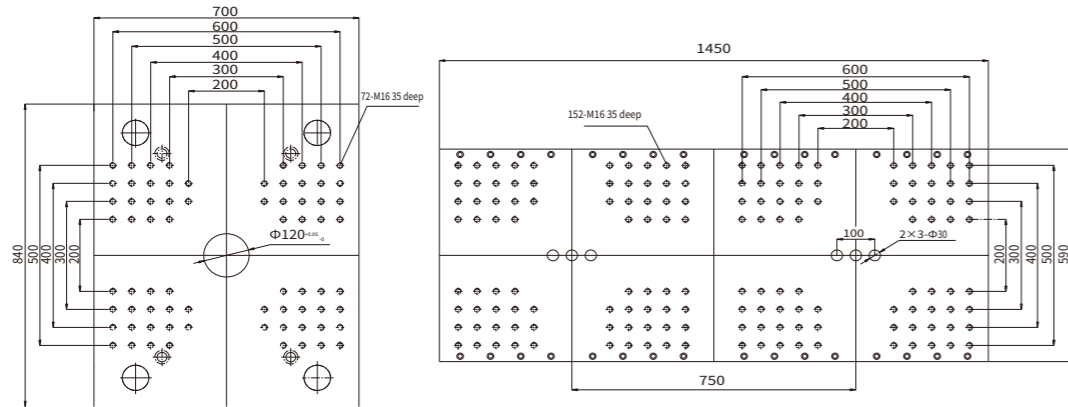


YV-850DS

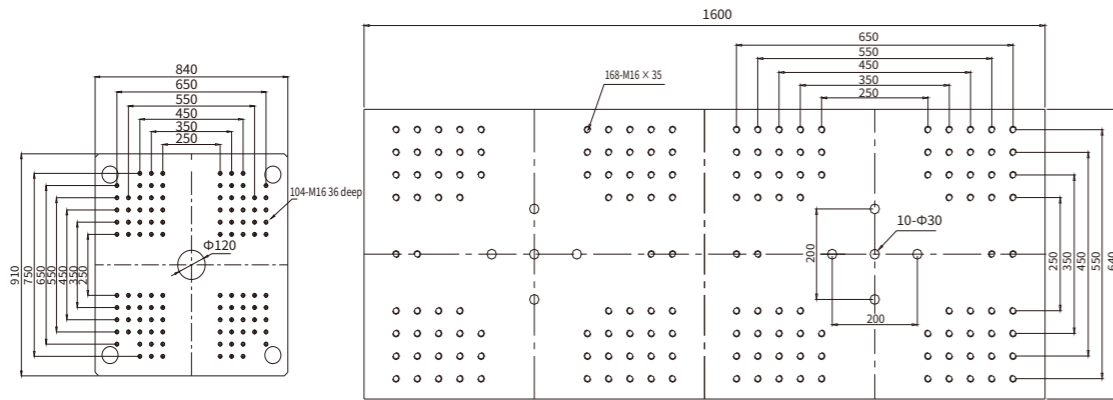


模板尺寸 Platen Dimensions

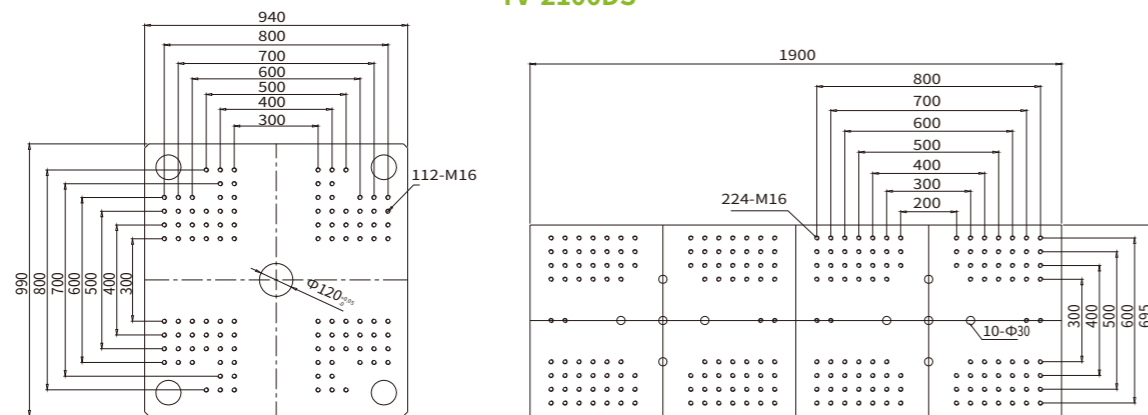
YV-1200DS



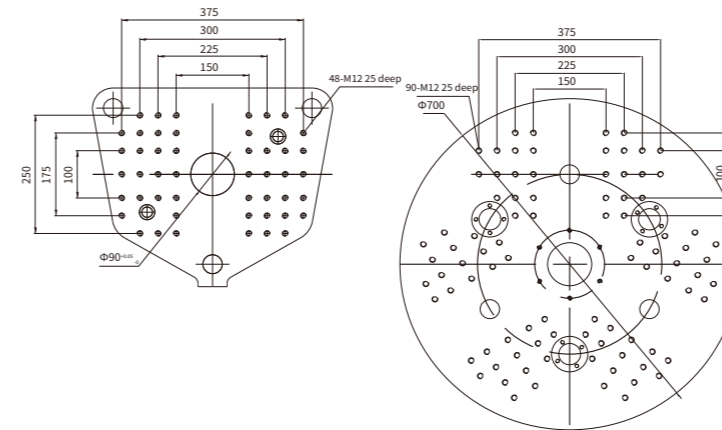
YV-1600DS



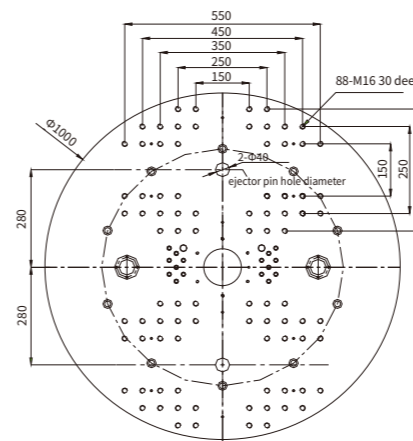
YV-2100DS



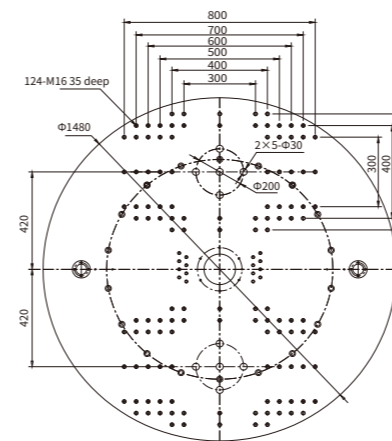
YV-200.3R



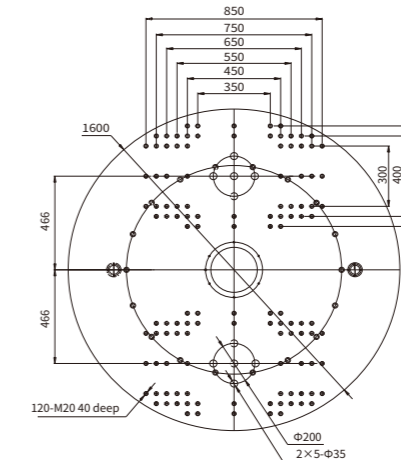
YV-850.2R(YH)-900.2R



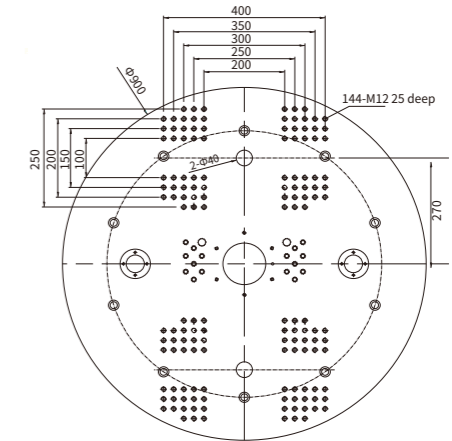
YV(YH)-1600.2R



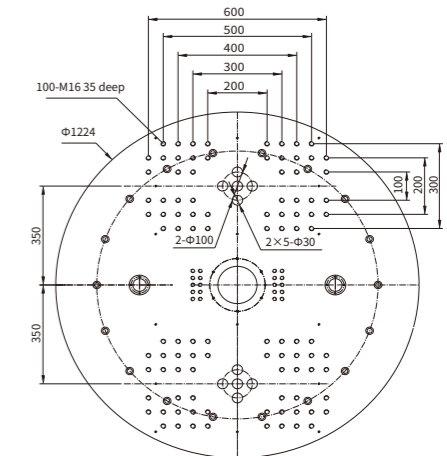
YV(YH)-2100.2R



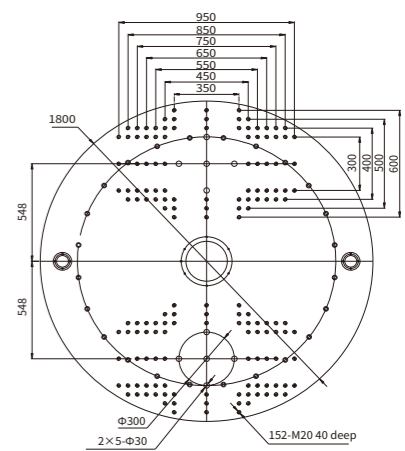
YV(YH)-550.2R



YV(YH)-1200.2R

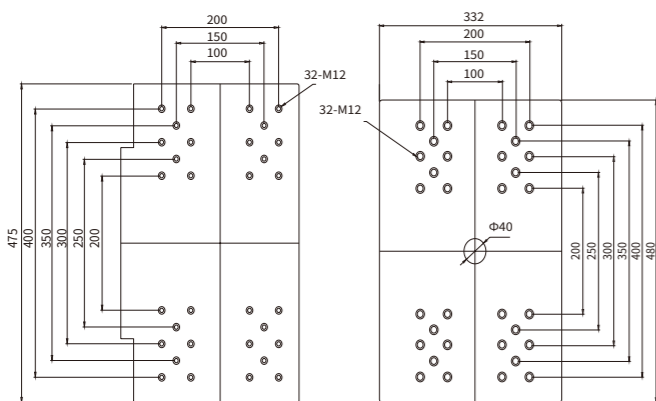


YV(YH)-2500.2R

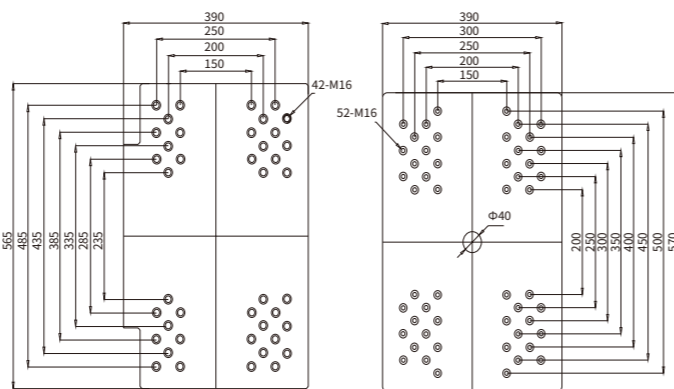


模板尺寸 Platen Dimensions

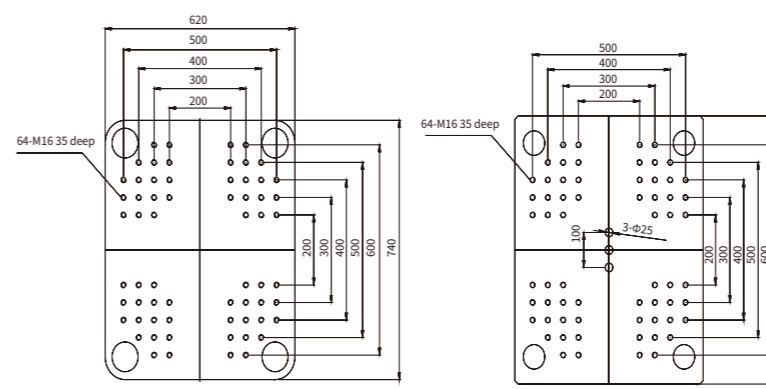
YC-450



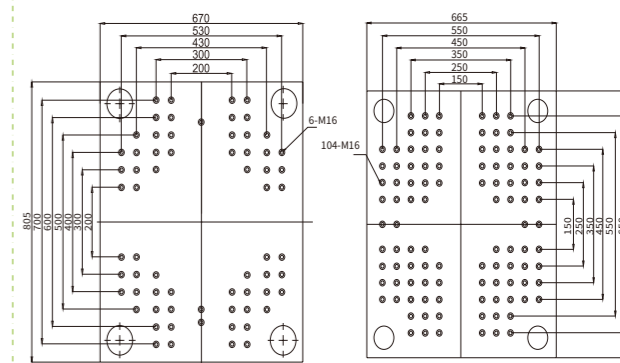
YC-750



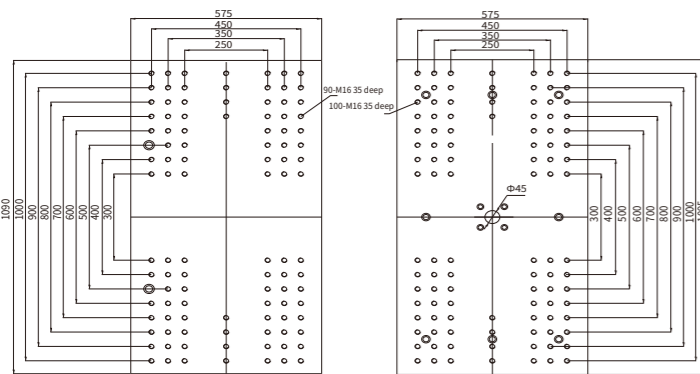
YH-900



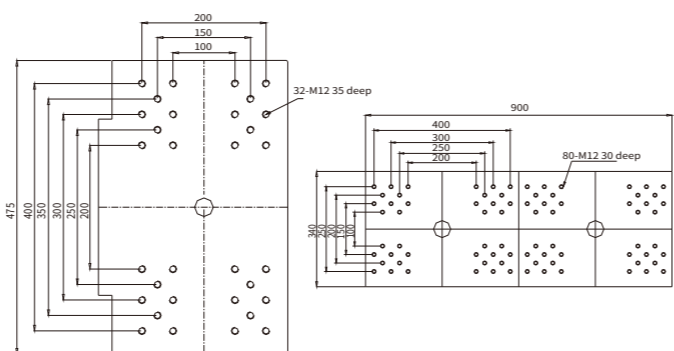
YH-1600



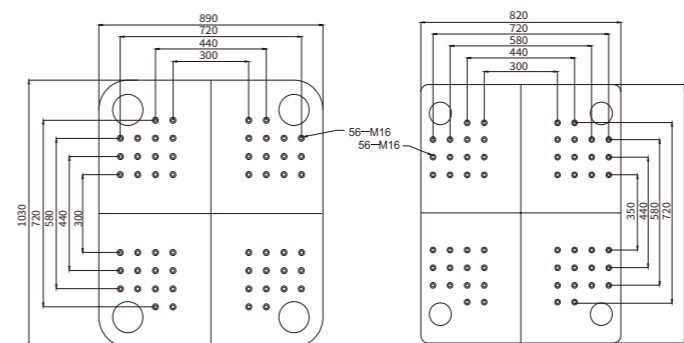
YC-1200



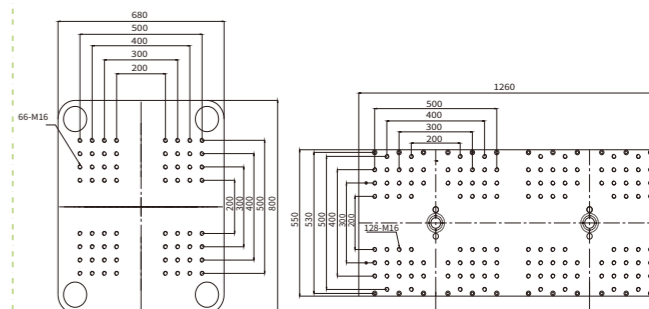
YC-450DS



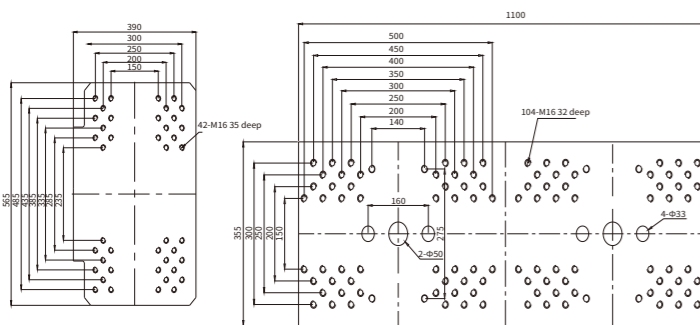
YH-2100



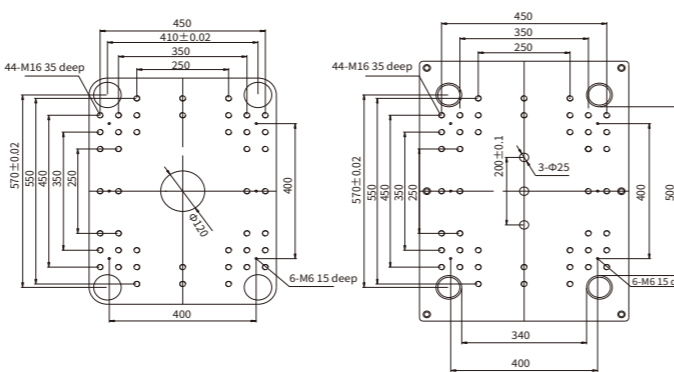
YH-1200DS



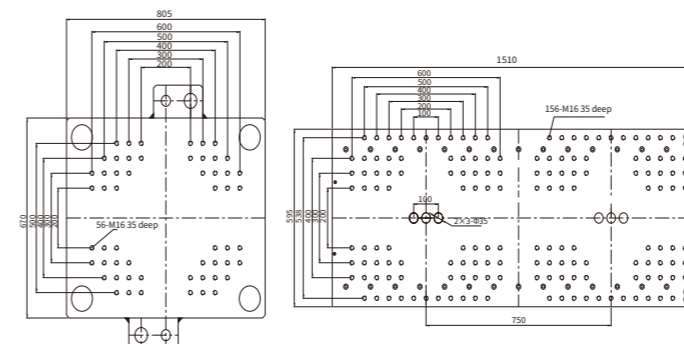
YC-750DS



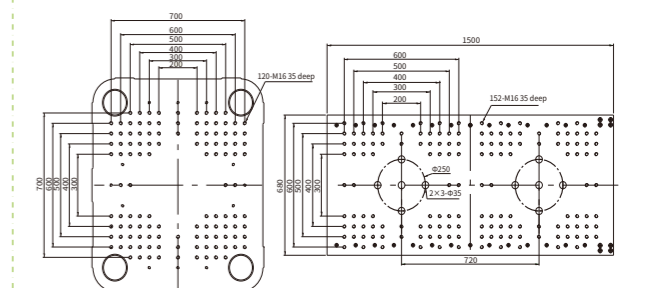
YH-700



YH-1600DS

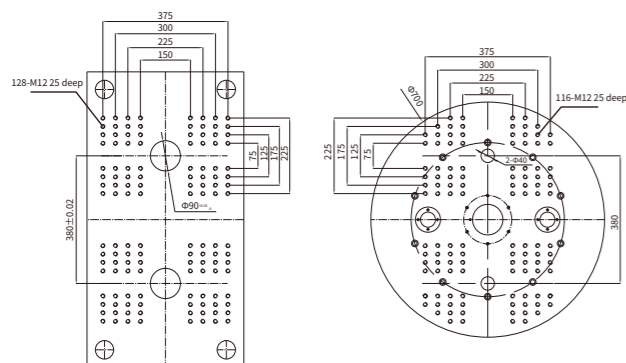


YH-2100DS

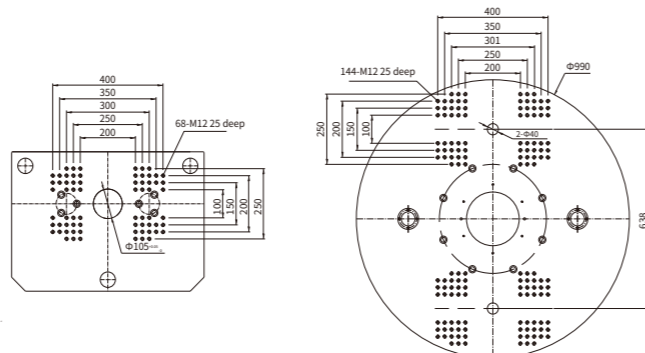


模板尺寸 Platen Dimensions

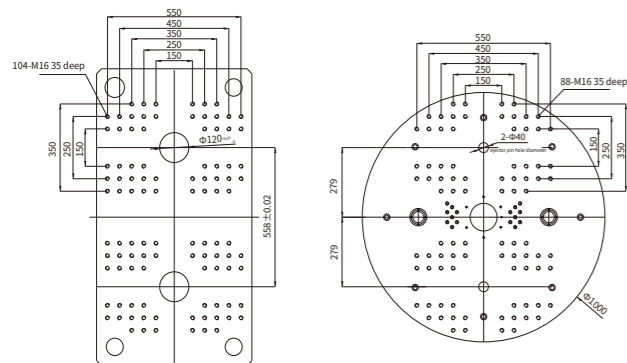
YV-550.2R.2C



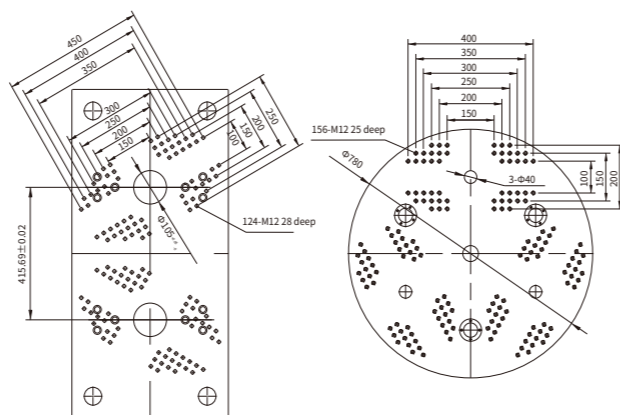
YV-1200.2R.2M.2C



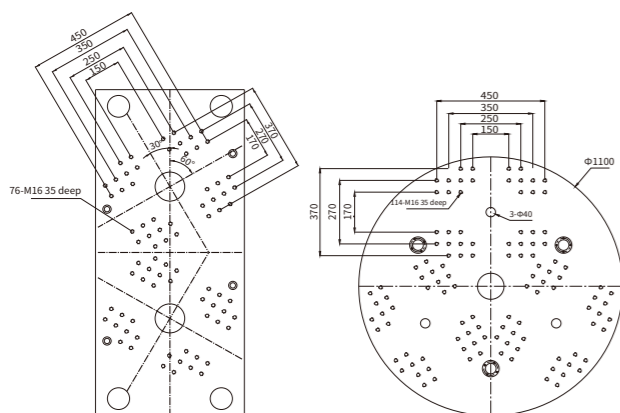
YV-850.2R.2C



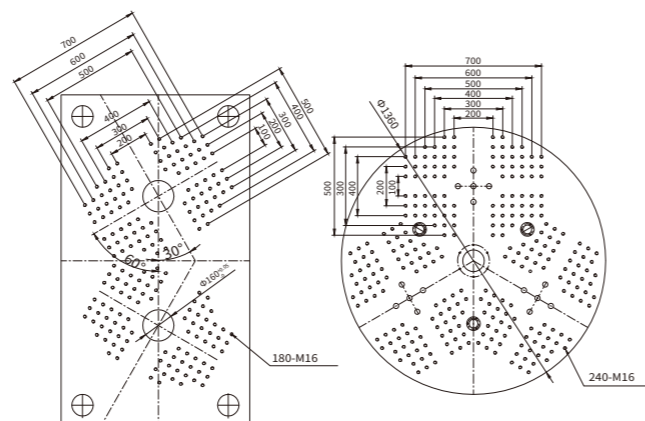
YV-1200.3R.2C



YV-1600.3R.2C



YV-2500.3R.2C



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