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Stock code:300415

YIZUMI伊之密

Designed by Yizumi in December 2018

VM

立式塑料成型機
**Vertical Plastic Injection
Molding Machine**



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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品牌。

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資回報，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 YIZUMI-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資回報和客戶體驗。

使命:五年內成為中國領先的裝備製造商，並于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。
- 采用伺服控制器調控伺服電機驅動齒輪泵和螺杆，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

- 采用盟立電腦控制系統 (MH6117/MH9118),時鐘頻率140MHZ,運行速度快;
- 7"/8" TFT 256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,響應進度快,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.	省電高精密伺服全閉環系統 Power-saving high-precision fully-closed-loop system	30~40	0.3	60~70	40-50	
E.	高精密射出全閉環系統 High-precision-injection fully-closed-loop system	25~35	0.1	75~85	-	
F.	SP-ACC高速高精密射出全閉環系統 SP-ACC high-speed fully-closed-loop system	25~35	0.1	75~85	-	

A.PQ開環系統

PQ open-loop system



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



E.高精密射出全閉環系統 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



B.精密半閉環系統

Precision semi-closed-loop system



D.省電高精密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



F.SP-ACC高速系統 射速600mm/Sec

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



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	
		120	200	200	400	600	700	600	700	600	700	600	700
螺杆直徑 Screw diameter	mm	Φ20	Φ22	Φ25	Φ22	Φ25	Φ28	Φ32	Φ25	Φ28	Φ32	Φ36	Φ42
理論射出容量 Theoretical injection volume	cm ³	31.4	40	52	39.8	51.5	65	84	58.8	73	96	122	110
射出量 Maximum shot weight(PS)	g/Oz	28/0.98	36/1.3	46/1.3	35.6/1.25	46/1.6	58/2.0	75/2.6	525/1.85	66/2.3	86/3.0	109/3.8	52.5/1.85
射出壓力 Injection pressure	Kg/cm ²	1968	1627	1260	2342	1814	1446	1107	2329	1857	1421	1123	2848
射出速率 Injection rate	cm ³ /s	36	44	57	30.8	39.8	50	65	41	51	67	85	65
溫控區 Temperature control zone number	-	2	3	3	3	3	4	3	3	3	4	3	4
料斗容量 Hopper capacity	L	15	15	20	40	60	70	20	20	30	30	30	30
鎖模力 Clamping force	ton	12	20	40	60	100	120	120	160	210	250	300	350
開模力 Opening force	ton	6.3	6.6	8.3	8.3	13.5	13.5	13.5	13.5	20	20	23.7	23.7
最小模厚 Minimum mold height	mm	120/180	100/180	150/200	150/200	200/250	200/250	200/250	200/250	350	350	300	300
開模行程 Opening stroke	mm	160	180	200	200	250	250	250	250	400	400	450	450
最大開距 Maximum daylight	mm	280/340	280/360	350/400	350/400	450/500	450/500	450/500	450/500	750	750	750	750
容模尺寸 Mold dimensions	mm	280×145	360×230	415×250	460×310	500×340	500×340	500×340	500×340	600×400	600×400	670×720	670×720
頂針行程 Ejector stroke	mm	40	40	40	60	60	60	60	60	75	75	100	100
頂出力 Ejector force	ton	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	4.6	4.6	6.5	6.5
最大液壓 Maximum hydraulic pressure	Kg/cm ²	140	140	140	140	140	140	140	140	140	140	140	140
作動油量 Pump output	L	80	130	160	230	230	230	230	230	500	500	600	600
油泵電機 Pump motor power	KW	4	4	5.5	7.5	7.5	7.5	7.5	7.5	140	140	140	140
電熱容量 Heating capacity	KW	2.1	2.7	4.1	4.1	4.1	4.1	4.1	4.1	18.5	18.5	21.5	21.5
總用電量 Total wattage	KW	6.1	6.7	9.6	11.6	11.6	12	12	12	10.4	10.4	12.5	12.5
滑板行程 Sliding table stroke	mm	-	300	-	350	-	420	-	480	-	500	-	500
轉盤直徑 Rotary table diameter	mm	-	-	-	-	-	-	-	-	-	-	-	-
機械尺寸 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	2.0×1.35×2.8	2.2×1.1×3.3	2.0×1.3×2.9	2.1×1.1×3.5
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	3	3.5

★ 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	
		850	1000	1200	1600	2100	2500	3500	400	450	500	600	700
φ28	φ32	φ36	φ42	φ46	φ52	φ55	φ60	φ65	φ75	φ85	φ100	φ120	φ160
110	144	182	249	277	362	467	570	678	706	829	928	1077	1216
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	605/21.3	630/22.2	740/26	829/29.2
2848	2180	1732	1266	2083	1595	2193	1716	1856	1534	1749	1470	1588	1353
62	81	103	140	85	111	123	157	157	190	180	215	189	221
4	30	30	4	4	4	4	4	4	5	5	60	60	60
85	100	120	160	200	300	350	350	350	350	350	350	350	350
13.5	16	16	18	20	20	20	20	20	20	20	20	20	20
200/250	200	250	300	300	300	300	300	300	300	300	300	300	300
250	250	300	300	300	300	300	300	300	300	300	300	300	300
450/500	450	550	600	600	600	600	600	600	600	600	600	600	600
500×340	560×360	600×400	660×630	660×630	670×720	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
2.7	3.9	4.6	5.4	6.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
140	140	140	140	140	140	140	140	140	140	140	140	140	140
230	260	480	500	535	600	600	600	600	600	600	600	600	600
11	15	15	15	15	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
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
15.5	22.5	25.4	29										

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	600	700	600	700	600	700	600	700
Injection system	螺杆直徑 Screw diameter	mm	Φ22	Φ25	Φ28	Φ32	Φ25	Φ28	Φ32	Φ36	Φ28	Φ32	Φ36
	理論射出容量 Theoretical injection volume	cm ³ /Oz	39.8	51.5	65	84	58.8	73	96	122	58.8	73	96
	射出量 Maximum shot weight(PS)	g/Oz	35.6/12.5	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
	射出壓力 Injection pressure	Kg/cm ²	2342	1814	1446	1107	2329	1857	1421	1123	2329	1857	1421
	射出速率 Injection rate	cm ³ /s	30.8	39.8	50	65	41	51	67	85	65	81	106
	溫控區 Temperature control zone number	-	3	3	3	3	3	3	3	4	3	3	4
Clamping system	料斗容量 Hopper capacity	L	15	20	20	20	30	30	30	30	30	30	30
	鎖模力 Clamping force	ton	20	40	60	70	70	70	70	70	70	70	70
	開模力 Opening force	ton	6.6	8.3	8.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
	最小模厚 Minimum mold height	mm	100/180	150/200	150/200	200/250	200/250	200/250	200/250	200/250	200/250	200/250	200/250
	開模行程 Opening stroke	mm	180	200	200	250	250	250	250	250	250	250	250
	最大開距 Maximum daylight	mm	280/360	350/400	350/400	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500
Hydraulic system	頂針行程 Ejector stroke	mm	60	60	60	60	60	60	60	60	60	60	60
	頂針力 Ejector force	ton	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	最大液壓 Maximum hydraulic pressure	Kg/cm ²	140	140	140	140	140	140	140	140	140	140	140
	作動油量 Pump output	L	130	160	230	230	230	230	230	230	230	230	230
	油泵電機 Pump motor power	KW	4	5.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	電熱容量 Heating capacity	KW	2.7	4.1	4.1	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Others	總用電量 Total wattage	KW	6.7	9.6	11.6	12	12	12	12	12	12	12	12
	滑板行程 Sliding table stroke	mm	350	-	420	-	480	-	500	-	500	-	500
	轉盤直徑 Rotary table diameter	mm	-	Φ700	-	Φ900	-	Φ900	-	Φ1000	-	Φ1000	-
	機械尺寸 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	2.3×1.1×3.2	2.0×1.4×3.0	2.6×1.2×3.4
	機器重量 Machine weight	ton	1.5	1.6	1.95	3.2	2.4	3.2	2.9	3.4	3.7	4.1	4.8

★ 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	400	500	600	700	800
Φ36	Φ42	Φ42	Φ48	Φ46	Φ52	Φ50	Φ55	Φ60	Φ60	Φ65	Φ65	Φ75	Φ75
182	249	277	362	365	467	471	570	678	706	829	928	1077	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
85	100	120	160	200	250	300	350	400	400	400	400	450	450
13.5	16	16	18	20	20	20	20	20	20	20	20	23.7	23.7
200/250	200	250	300	300	300	300	350	350	350	350	350	300	300
250	250	300	300	300	300	300	400	400	400	400	400	400	450
450/500	450	550	600	600	750	750	750	750	750	750	750	750	750
60	100	100	100	100	150	150	150	150	150	150	150	150	150
2.7	3.9	4.6	5.4	5.4	6.2	6.2	6.5	6.5	6.5	6.5	6.5	7	7
140	140	140	140	140	140	140	140	140	140	140	140	140	140
230	260	480	500	500	535	535	600	600	600	600	600	600	700
11	15	15	18.5	18.5	21.5	21.5	30	30	30	30	30	30	37
4.5	7.5	10.4	10.5	10.5	12.5	12.5	16.8	16.8	16.8	16.8	16.8	19.8	19.8
15.5	22.5	25.4	29	29	34	34	46.8	46.8	46.8	46.8	46.8	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									

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 800g



YC系列滑板機

YC Series Double Slide Machine



YC系列轉盤機

YC Series Rotary Machine



型號 MODEL		單位 UNIT	規格 Specifications								規格 Specifications											
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		
			120		200				450		750		850				1200					
Injection system	螺杆直徑 Screw diameter	mm	φ22	φ25	φ28	φ32	φ32	φ36	φ45	φ36	φ40	φ45	φ36	φ40	φ45	φ46	φ52					
	理論射出容量 Theoretical injection volume	cm ³	40	52	65	84	120	152	238	172	213	270	172	213	270	365	467					
	射出量 Maximum shot weight(PS)	g/Oz	36/1.3	46/1.3	58/2.0	75/2.6	108/3.8	136/4.8	213/7.5	154/5.4	190/6.7	241/8.5	154/5.4	190/6.7	241/8.5	325/11.4	415/14.6					
	射出壓力 Injection pressure	Kg/cm ²	1627	1260	1785	1367	1531	1210	774	1620	1313	1037	1620	1313	1037	2193	1716					
	射出速率 Injection rate	cm ³ /s	44	57	53	70	72	91	143	109	135	171	109	135	171	123	157					
	溫控區 Temperature control zone number	-	2		3			4			4			4			4		4			
Clamping system	料鬥容量 Hopper capacity	L	15		15			30			60			60			60		60			
	鎖模力 Clamping force	ton	12		20			45			75			85			120					
	開模力 Opening force	ton	6		14			8.3			11.5			17			16					
	最小模厚 Minimum mold height	mm	120		310			175			200			200			250					
	開模行程 Opening stroke	mm	150		490			200			270			270			300					
	最大開距 Maximum daylight	mm	270		800			375			470			470			550					
electric Hydraulic system	容模尺寸 Mold dimensions	mm	-		-			-			-			-			-		-			
	射嘴中心 Nozzle center height	mm	-		-			150±20			170±20			170±20			200±20					
	頂針行程 Ejector stroke	mm	60		60			60			90			90			90					
	頂出力 Ejector force	ton	1.3		2			1.8			2.7			2.7			4.6					
	最大液壓 Maximum hydraulic pressure	Kg/cm ²	140		140			140			140			140			140					
	作動油量 Pump output	L	80		130			180			280			280			480					
Others	油泵電機 Pump motor power	KW	4		5.5			7.5			11			11			15					
	電熱容量 Heating capacity	KW	2.1		2.7			6.35			10.45			10.45			10.4					
	總用電量 Total wattage	KW	6.1		8.2			13.85			21.45			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	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	4.8	4.9	5.1	5	4.8	4.9	5.1	5	

★ YC: 標準機 / Standard machine

★ YC-DS: 雙滑板機 / Double-slide machine

★ YC-S: 單滑板機 / Single-slide machine

★ YC-R: 轉盤機 / Rotary machine

★ 說明:本公司保留對樣本中描述產品進行改進的權利,規格如有變更,恕不另行通知。樣本中的產品照片僅供參考,產品以實物為準。

Remark: We reserve the right to make any product improvement or specifications change without prior notice.

Product photos shown in catalogue are for reference only.

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
			900				1200				1600			
Injection system	螺杆直徑 Screw diameter	mm	φ36	φ40	φ45	φ46	φ52	φ45	φ50	φ55	φ50	φ55	φ60	φ70
	理論射出容量 Theoretical injection volume	cm³	203	251	317.9	365	467	381	471	570	549	664	791	928
	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	490/17.3	593/21	706/24.9	1077
	射出壓力 Injection pressure	Kg/cm²	2570	2082	1645	2193	1716	2291	1856	1534	2280	1890	1588	950
	射出速率 Injection rate	cm³/s	105	129	164	123	157	127	157	190	122	159	189	1131
	溫控區 Temperature control zone number	-	-	4	-	4	-	4	-	4	4	5	5	5
Clamping system	料斗容積 Hopper capacity	L	60	-	60	-	60	-	60	60	60	60	60	60
	鎖模力 Clamping force	ton	90	-	120	-	160	-	210	250	350	400	400	500
	開模力 Opening force	ton	7.25	-	7.25	-	7.25	-	9.2	9.2	13	15	15	15
	最小模厚 Minimum mold height	mm	250	-	250	-	250	-	300	300	300	350	350	450
	開模行程 Opening stroke	mm	300	-	300	-	350	-	400	450	450	600	600	600
	最大開距 Maximum daylight	mm	550	-	550	-	600	-	700	750	750	950	950	1150
Hydraulic system	容模尺寸 Mold dimensions	mm	530×410	-	570×450	-	600×460	-	700×560	735×600	830×600	900×680	900×680	1000×750
	射嘴中心 Nozzle center height	mm	125±20	-	160±20	-	180±20	-	200±20	200±20	200±20	200±20	200±20	200±20
	頂針行程 Ejector stroke	mm	75	-	100	-	100	-	150	150	150	200	200	200
	頂出力 Ejector force	ton	3.9	-	4.6	-	5.4	-	5.4	6.1	6.1	7	7	7
	最大液壓 Maximum hydraulic pressure	Kg/cm²	140	-	140	-	140	-	140	140	140	140	140	140
	作動油量 Pump output	L	380	-	480	-	480	-	535	600	700	700	700	800
Electric system	油泵電機 Pump motor power	KW	15	-	15	-	18.5	-	22	30	37	41	41	48
	電熱容量 Heating capacity	KW	10.45	-	10.4	-	14.65	-	15	17.5	19.8	19.8	19.8	22
	總用電量 Total wattage	KW	25.45	-	25.4	-	33.15	-	37	47.5	56.8	60.8	60.8	70
Others	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	2.9×2×2.8	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-DS: 雙滑板機 / Double-slide machine

★ YH-S: 單滑板機 / Single-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			
								2100						2500				3500				4000		5000	
φ50	φ55	φ60	φ50	φ55	φ60	φ60	φ65	φ70	φ60	φ55	φ60	φ65	φ70	φ70	φ75	φ80	φ70	φ75	φ80	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													
			60			60			60			60													
			210			250			350			400													
			9.2			9.2			13			15													
			300			300			300			350													
			400			450			450			600													
			700			750			750			950													
			700×560			735×600			830×600			900×680													
			200±20			200±20			200±20			200±20			</										

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。
- 氮化鋼螺杆、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 | ● 全電腦螢屏顯示電控 |
| ● 螺杆冷料保護裝置 | ● 雙扣扣開關安全起動裝置 |
| ● 緊急停止安全開關 | ● 快速鎖模，低壓安全鎖模裝置 |
| ● P.I.D比例式溫度控制 | ● 自動洗料裝置 |
| ● 自動故障顯示及停機 | |

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
- 高耐磨耐腐蝕螺杆料筒組
- 自動潤滑（自動集中供油裝置）

選擇配置

- | | | | | |
|--------------|-------------|----------------|--|---|
| ● 彈簧料嘴裝置 | ● 電磁快速換模系統 | ● 模具溫度顯示（顯示屏內） | ● Spring nozzle | ● Electromagnetic quick mold change system |
| ● 自動警報裝置 | ● 液壓快速鎖模系統 | ● 液壓射嘴 | ● Automatic alarm device | ● Hydraulic fast clamping system |
| ● 特殊液壓單元配置 | ● 加長開模行程 | ● 氣動料鬥滑塊 | ● Special configuration of hydraulic unit | ● Longer opening stroke |
| ● 特殊電氣控制單元配置 | ● 熱流道時序控制裝置 | ● 橫開式安全門 | ● Special configuration of electrical control unit | ● Hot runner time sequence controller |
| ● 乾燥料斗或自動吸料機 | ● 熱流道內置集成 | ● 特殊原料專用螺杆 | ● Drying hopper or auto loader | ● Hot runner built-in integrated circuit |
| ● 抽芯裝置 | ● 液壓舉模裝置 | ● 模腔壓力反饋監測 | ● Core pulls | ● Hydraulic mold lifting device |
| ● 拉鏈機吹氣裝置 | ● 歐規強制頂針 | ● 可視分水閥 | ● Zipper machine air-blowing device | ● Compulsory ejector according to European standard |
| ● 機械保護裝置 | ● 上頂出結構 | ● 油溫恒溫 | ● Mechanical protective device | ● Upper ejection structure |

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

SPECIAL FEATURES

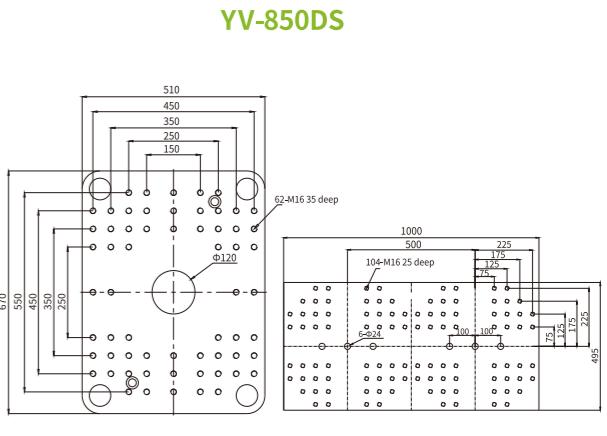
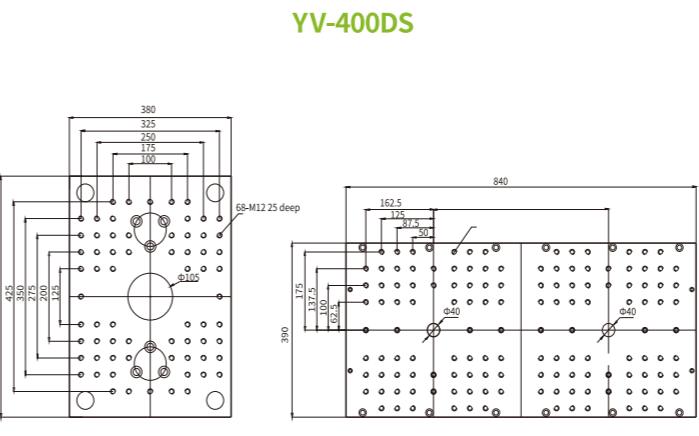
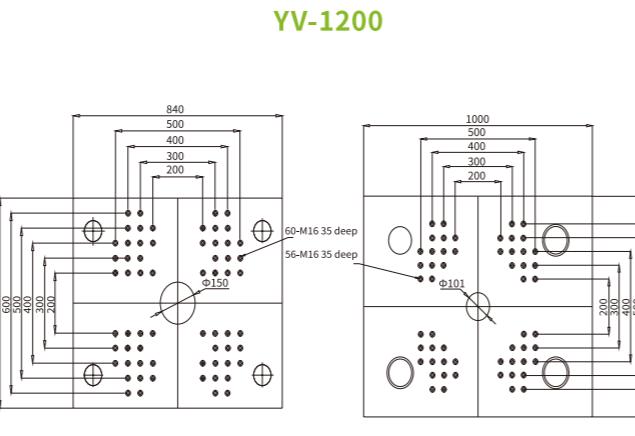
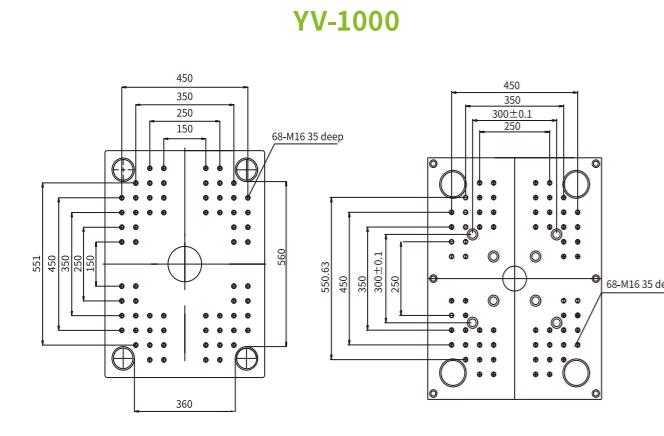
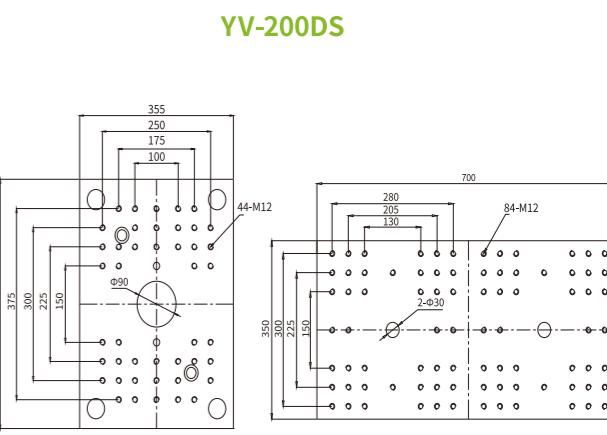
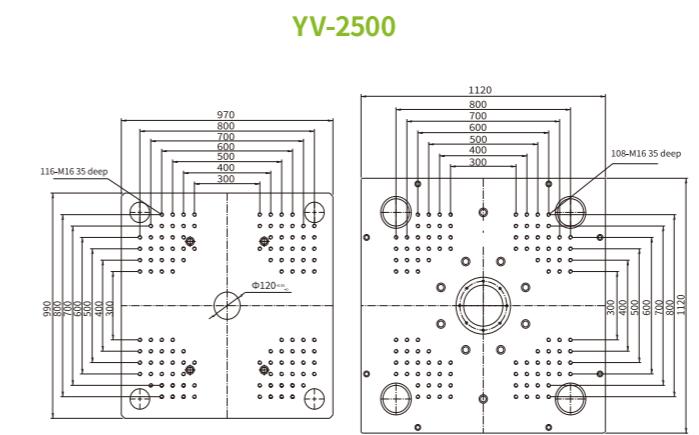
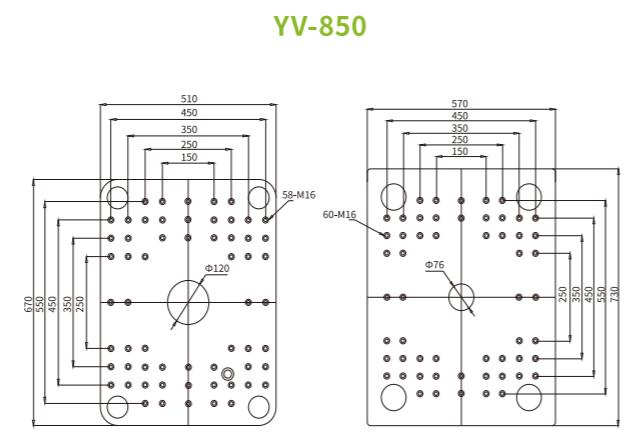
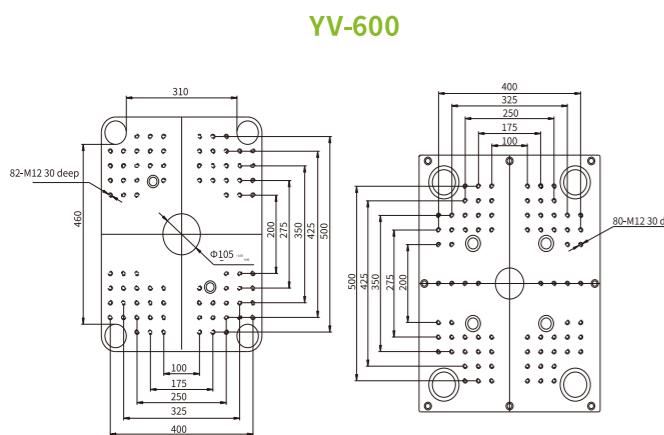
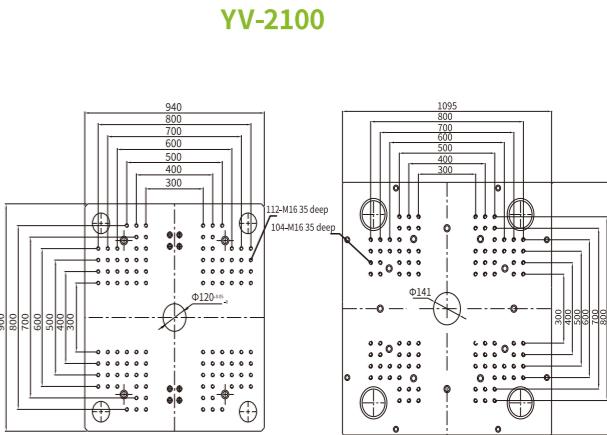
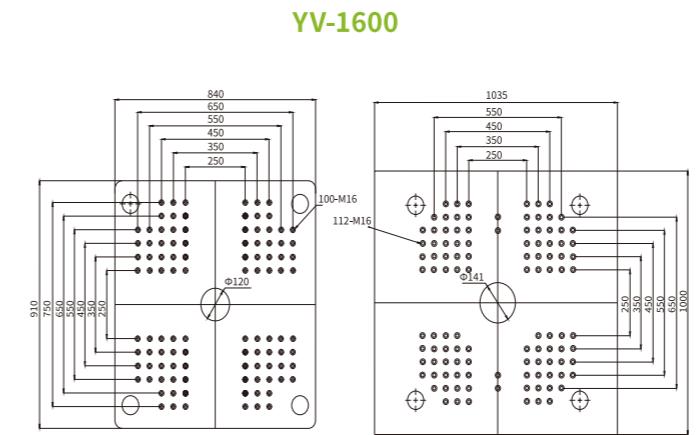
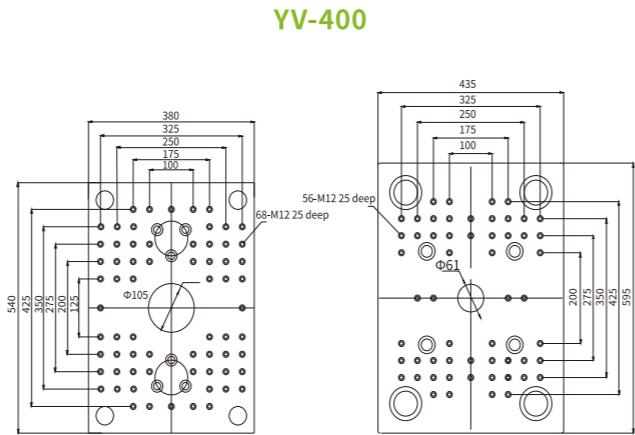
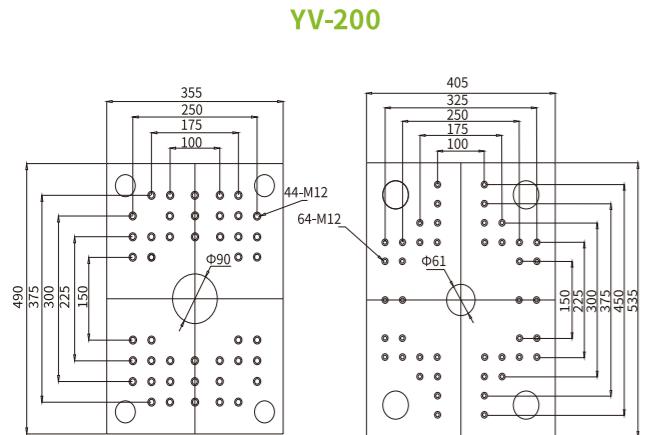
- Additional single-platen or double-platen sliding table, increasing productive efficiency by 30%-50%
- Additional two or three-station rotary table, safe and time-saving, increasing productive efficiency by 40%-80%
- Automatic insert system (special design)
- Thermoset injection molding system
- Screw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

OPTIONAL FEATURES

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

模板尺寸

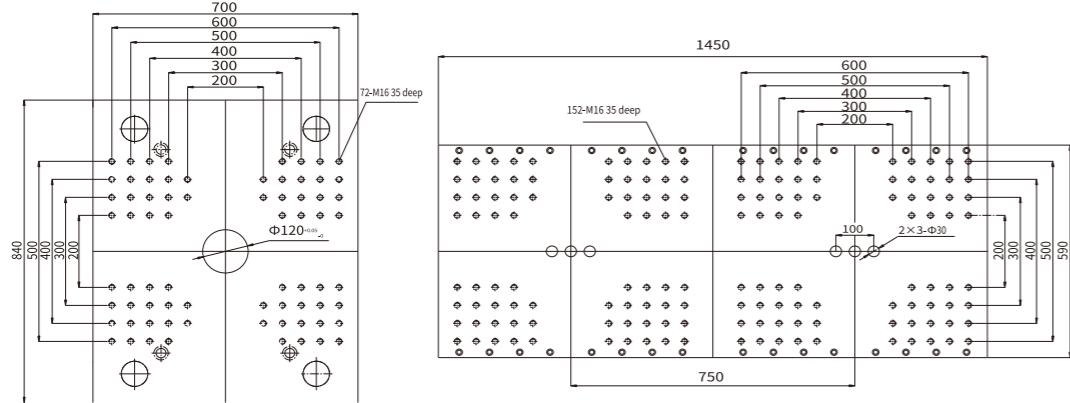
Platen Dimensions



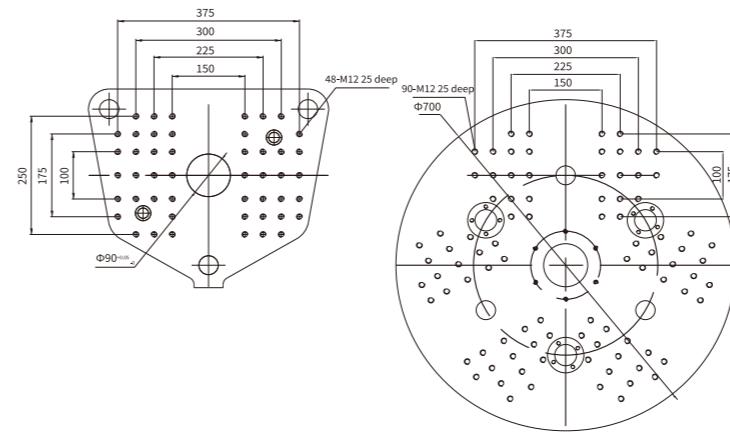
模板尺寸

Platen Dimensions

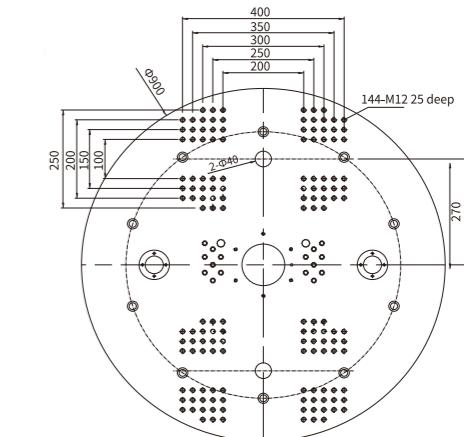
YV-1200DS



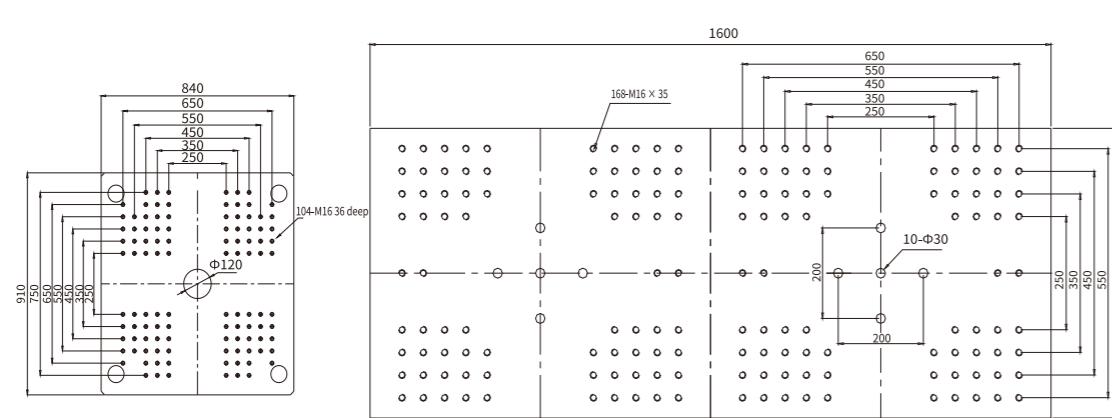
YV-200.3R



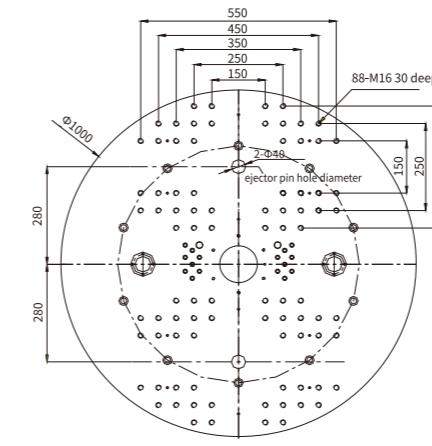
YV(YH)-550.2R



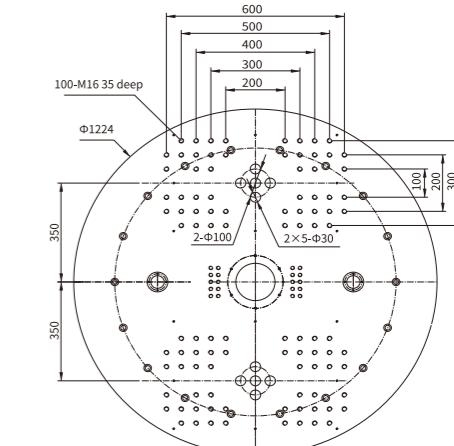
YV-1600DS



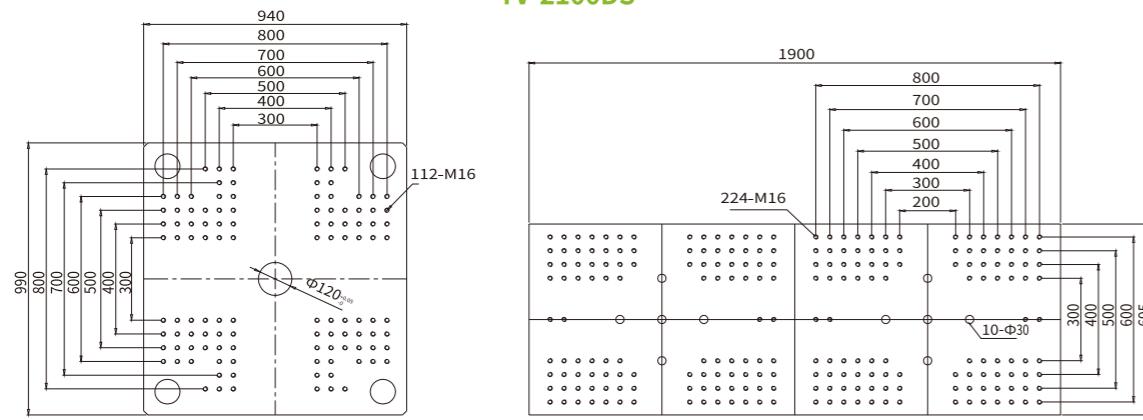
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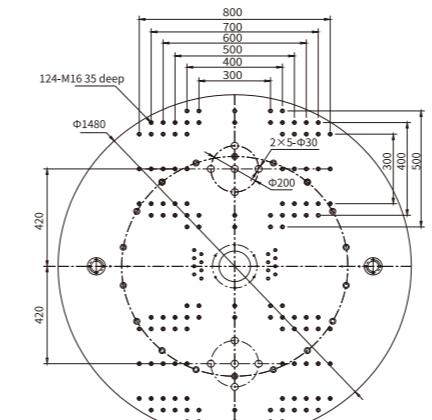
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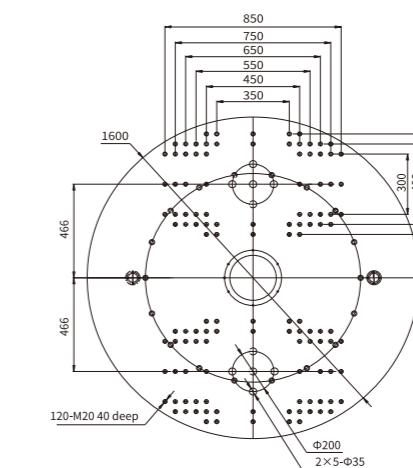
YV-2100DS



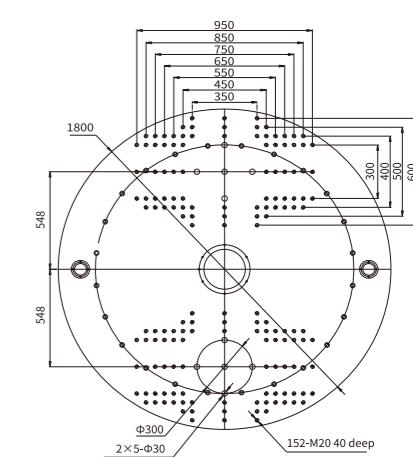
YV(YH)-1600.2R



YV (YH)-2100.2R



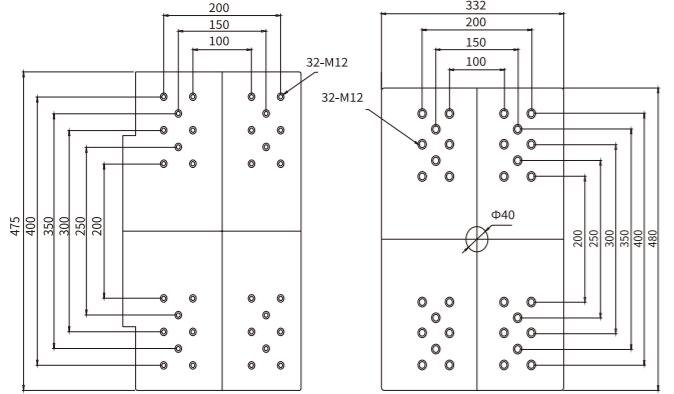
YV (YH)-2500.2R



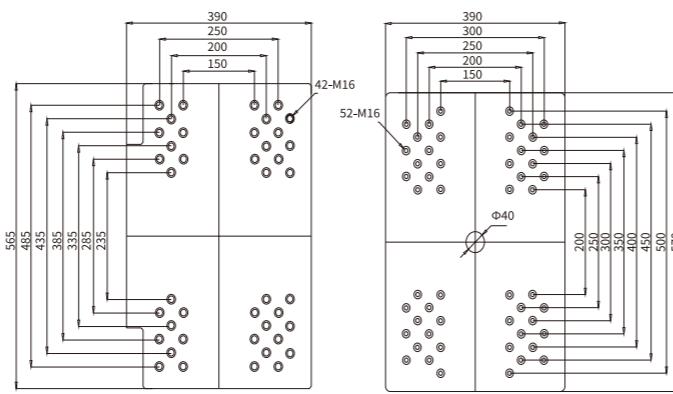
模板尺寸

Platen Dimensions

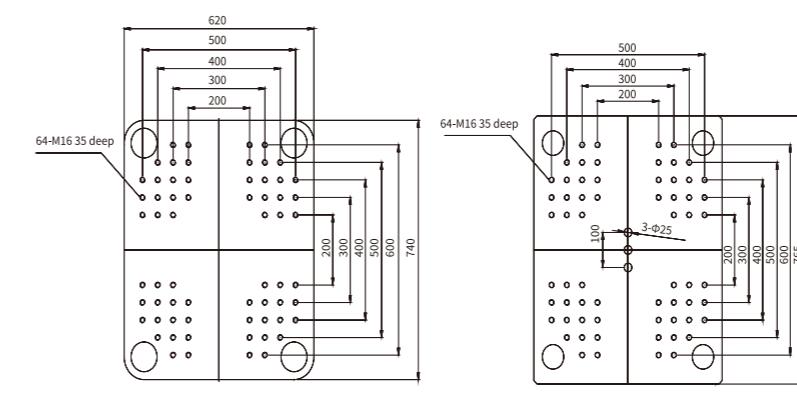
YC-450



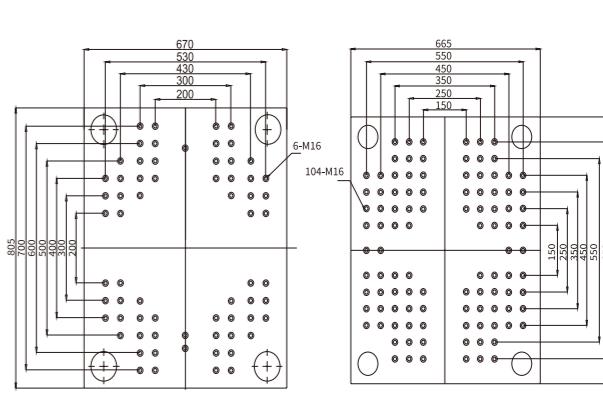
YC-750



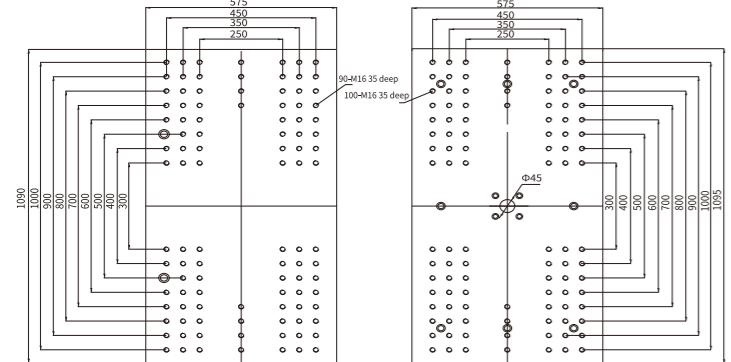
YH-900



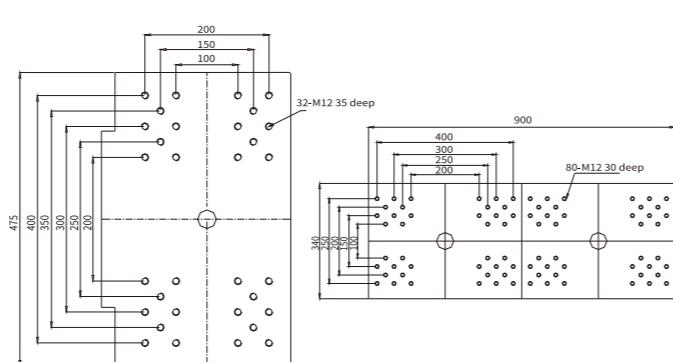
YH-1600



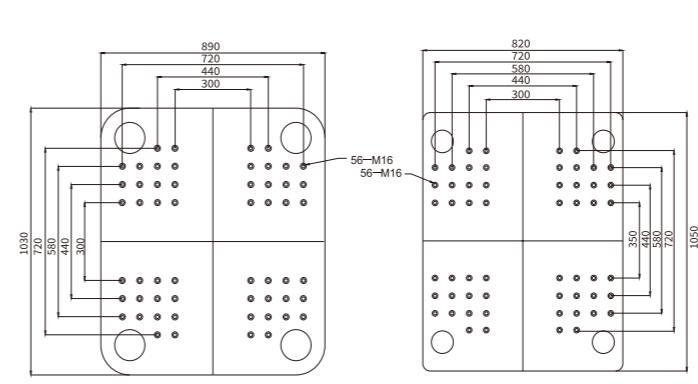
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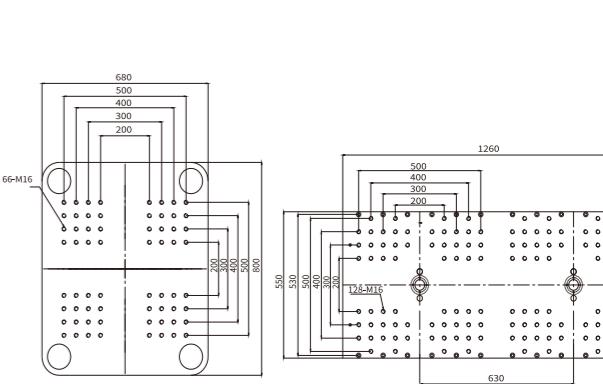
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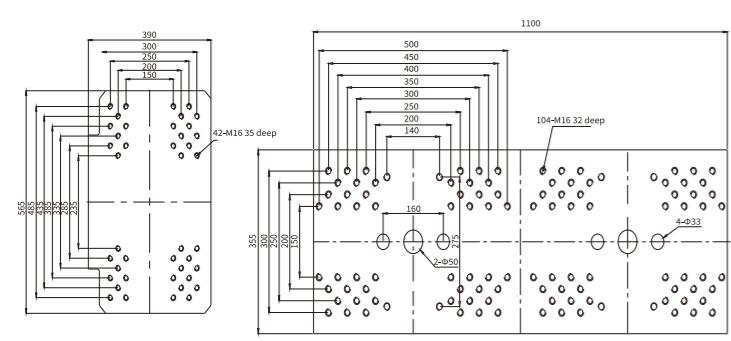
YH-2100



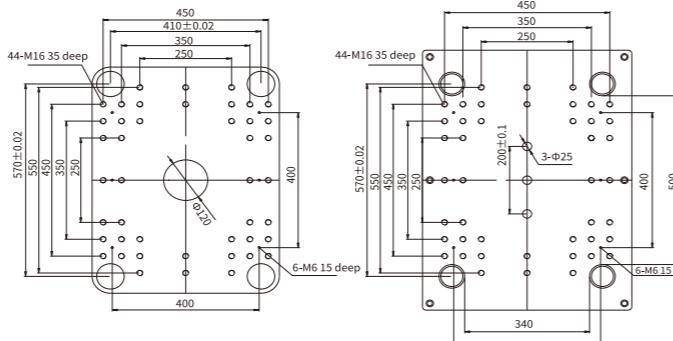
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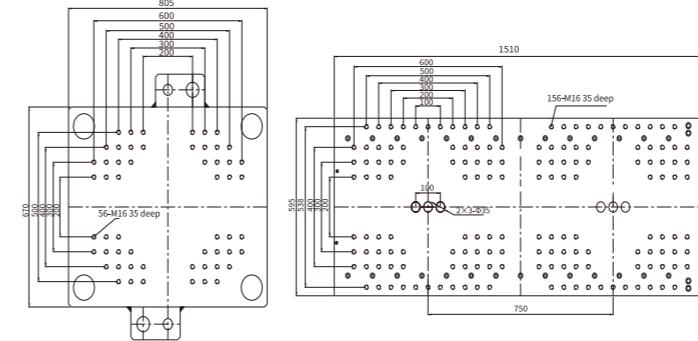
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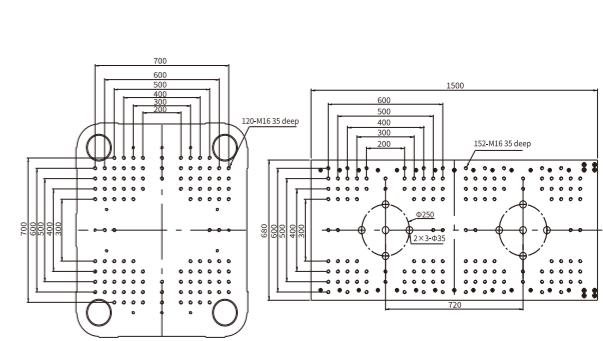
YH-700



YH-1600DS

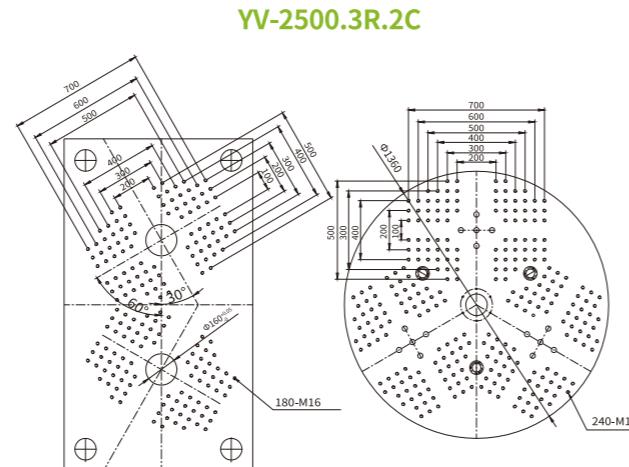
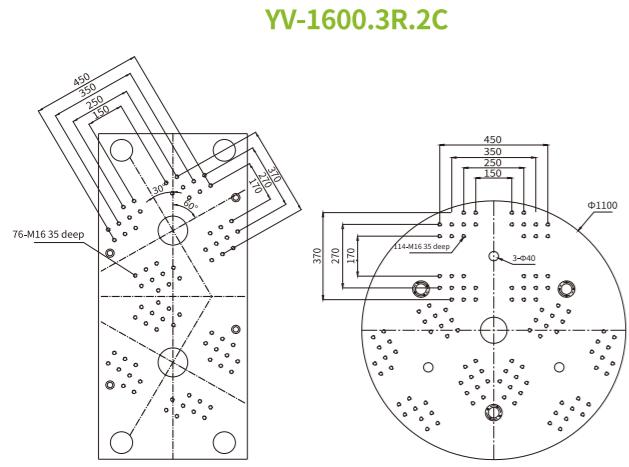
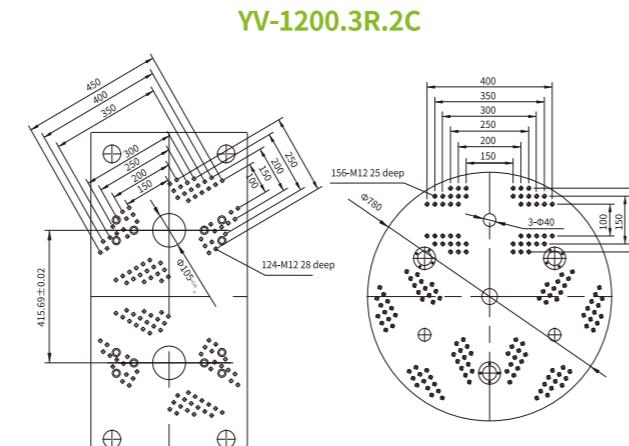
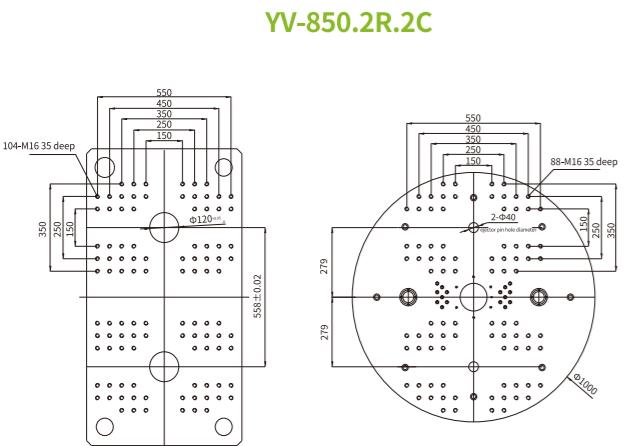
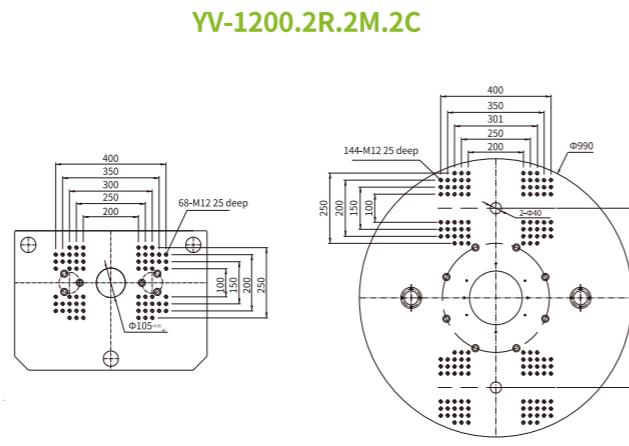
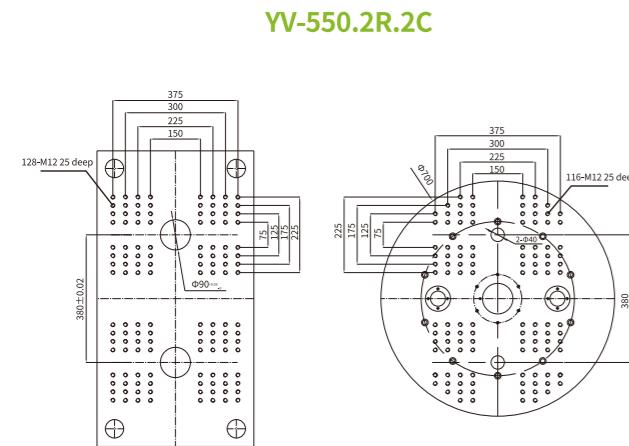


YH-2100DS



模板尺寸

Platen Dimensions



銷售服務網絡 Sales and Service Network

