



煙達機械股份有限公司 (TAIWAN)
YUH-DAK MACHINERY CO., LTD.

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Ont3y 8c6, Canada

土耳其辦事處 (TURKEY)
AKSOY PLASTIK VE MAKİNE SAN. TİC. LTD. ŞTİ.
Kucukyali Is Merkezi Girne Mah Irmak Sok.
E-Blok No:4 Malte, Istanbul, Turkey

常州辦事處 (CHINA)
常州市麗華新村62幢丙1號

東莞市石碣冠明機械廠 (CHINA)
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HEAD OFFICE(AHMEDABAD / MUMBAI)
Plot No. 7611/3, GIDC VATVA, Phase 4, Ahmedabad –
382445

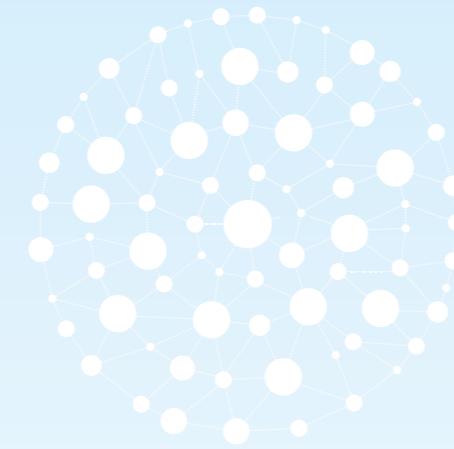
BRANCH Office(DELHI)
Tower No.11, Flat No.11192 ATS ONE HEMLET SEC 104
noida, Gautam budh nagar U P, Noida-201301.

BRANCH Office(PUNE/MUMBAI)
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600056, Tamilnadu, INDIA



煙達機械股份有限公司



立式射出成型機
Vertical Injection Molding Machine

追求創新高品質 • 產業結盟創價值

Quality-Innovation Appreciated by Industry Alignment

www.yuhdak.com.tw



ISO 9001



Designed by Polaris 2017-07,+886-4-24517070

追求創新高品質 產業結盟創價值

Quality-Innovation Appreciated by Industry Alignment



累積過往經驗，造就今日實力

煜達機械股份有限公司，乃為一專精於直立式塑膠射出成型機的專業製造廠，成立於 1986 年 4 月，至今擁有了三十多年豐富的製造經驗與市場趨勢觀察，故具備了高精度、易維修以及符合時代潮流等特性。

全力配合客戶，積極研發機種

煜達機台的生產乃是配合著客戶的實際需求來從事設計與製造，並可依據客戶所需而另有直立式專用射出機台之周邊設備的整合規劃、設計與製造。

組織規模相當，傲居廣大市場

煜達公司於台灣與中國大陸兩地，各有其分公司與廠房的設立。在台灣，煜達已屬於直立式塑膠射出機中的三大廠之一。

We have accumulated rich experience so as to create today's strength.

YUH-DAK Machinery Co., Ltd. is a manufacturer specializing in making vertical plastic injection molding machines. The company was established in April 1986. Since then, with thirty years of rich experience in manufacturing and keen observation of market trends, our products have possessed the features of high accuracy, easy maintenance and conformity to the trend of times.

We make every endeavor to fully cooperate with customers, and actively develop new models.

YUH-DAK's machines are made to follow customers' actual needs in terms of design and manufacture. By the request of customers, we can make integral planning, design and manufacture of vertical professional injection molding machine and the peripheral installation.

The organization is quite sizable, dominating in a large market.

YUH-DAK Machinery Co., Ltd. has set up its branch offices and factories in both Taiwan and mainland China. In Taiwan, Yuhdak has become one of three big top manufacturers in the market of vertical professional plastic injection molding machines.

煜達台灣總公司 - YUH-DAK Taiwan Headquarters

經營理念
Operational Idea

煜達機械股份有限公司

乃秉持著專業的品質技術與服務；不斷提升自動化能力，並積極地邁向個性化機台設計形式路線，堅持做業者最能信賴的伙伴。

未來，將致力發展自動化專用機市場，著力於特殊機台的設計製造，以期未來在專業直立塑膠射出機製造上，能提供客戶更寬廣的專業服務。

YUH-DAK Machinery Co., Ltd.

Is committed to offering quality, technology and service in profession. In an endless effort, we will promote automation, and aggressively stride toward the way to make customised machinery design. We insist on being the most trusted partners in industry.

In the future, we will be committed to the development of automatic machines in the market, focusing on design and manufacture of special machines. We hope we may be able to provide even more broad and professional service to our customers in the manufacture of professional vertical plastic injection machines.

CE Identification

Certification File Number :
MDC1448
MDC1449



品質認證
Quality Certification

研發是優勢，品質是優質

研發能力一直是煜達公司的優勢，其不斷配合客戶需求而加以研發創新，力求設計出精度夠且維修方便的高品質直立式塑膠射出機器，以協助客戶製造出最優良的射出產品。

重視安全環保，認證肯定信譽好

降低成本、提高效率乃為煜達的生產目標，重視工作的安全性、響應環保觀念與一等一的品管政策執行等，已使煜達於品質保證上獲得了 ISO、CE、QS 等多項認證的肯定，也因如此，優良的品質保證促使煜達深獲客戶信賴，進而擁有了分佈於世界各地的大量忠實客戶群，而也擁有了直立式塑膠射出機械市場的廣大行銷世界版圖。

The R&D is our advantage for a better quality

The R & D capabilities have been Yuhdak's advantage. The company constantly works together with our customers to do research and innovation, and strive to design vertical plastic injection machines in high quality and precision as well as easy maintenance. We aim to assist our customers in making the best injection products.

Being environmentally friendly is our emphasis; certification ensures good reputation

Being environmentally friendly is our emphasis; certification ensures good reputation. Yuhdak company would reduce costs, and improve efficiency to achieve the production goal. The company also pays much attention to work safety. We act diligently with an environmentally friendly concept and first-class quality control policies, enabling Yuhdak to obtain some certifications, such as ISO, CE, QS and others. Consequently, such excellent quality assurances have led Yuhdak to be greatly trusted by customers. Furthermore, a great number of faithful customers come from every corner of the world. Vertical plastic injection machine therefore have been sold to the world market.

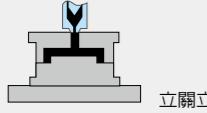
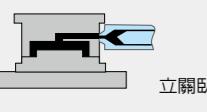
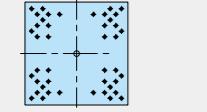
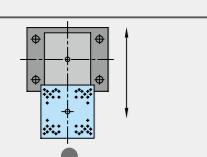
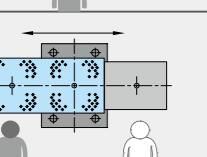
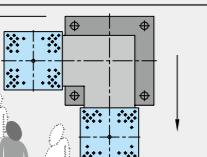
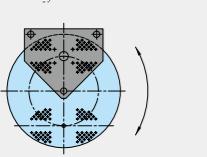
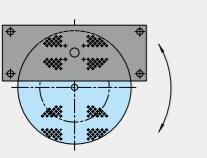
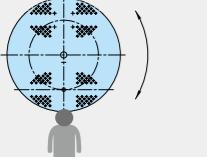
ISO9001:2008

Certification File Number : QA100711



機種選擇 MODEL SELECTION

機種概述圖表 (鎖模 / 脫出 / 模板) Various models overview chart (clamping / injection / template)

方式概述 OVERVIEW MODE		機種系列 MODEL SERIES					
		YH	YR	YQ	YT	YL	YC
	有柱式 Tie-bar	●	●	●			
	無柱式 Tie-barless					●	
	有柱式 Tie-bar				●		
	無柱式 Tie-barless						●
	固定模 (V) Fixed bottom platen	●		●	●	●	●
	單滑模 (1S) Single Slipper Table	●		●	※	●	
	雙滑模 Double Slipper Table 180° (2S)	●		●	●		●
	雙滑模 Double Slipper Table 90° (2SL)			●			
	三柱圓盤 (3R2) Three Columns Rotary Table		●		●		
	四柱圓盤 (4R2) Four Columns Rotary Table		※		※		
	無柱圓盤 (R) Tie-barless Rotary Table					●	●

補充說明：
1. ● 表示標準機種 2. ※ 表示特殊機種 3. 雙料管射出請參閱雙色單元

Additional information:
1. ● Represent standard model 2. ※ Represent particular model
3. Double injection please refer two color unit

控制系統 CONTROL SYSTEM

AF-1000



- 高速中斷模式 250 μs / 全機軟體校正：1. 可編成 D/A 比例輸出，可依 DA 值或壓力值、速度值調整。2. 線性 D/A 輸出。
- 正負電壓 D/A 輸出。4.A/D 線性化軟體調校，調機容易。
- 控制精準度：1. 模糊 PID 控制模式，溫度控制精準度為 0.5°C 溫度顯示為 0.1°C。
2. 0.1mm 位置控制，高速偵測模式 10 μs。
3. 0.1kg/cm² 壓力控制，256 階向量。
4. 0.1% 速度控制，56 階向量。
- LCD 分辨率：800X600 1.AF08C: 標準搭載 8" TFT LCD 面板，LED 背光及亮度可透過軟體調整。2.AF10E: 標準搭載 10.4" TFT LCD 面板，LED 背光及亮度可透過軟體調整。
- 支援多國語言，標準 6 種 (中、英文，預留 4 種) / 使用 USB 介面。

BL-870



- 熟悉介面：沿襲 AMC500, 700 系列操作介面及功能，老客戶好操作，好上手。學習曲線低：線上求助子畫面，每畫面都有說明，還有針對各可輸入項目詳細說明，警報也有說明。資料庫：塑料溫度設定查詢。
- 安全檢查：提示最大最小範圍值，如資料輸入超過範圍，用聲音提示，並自動回復原值。
- 大字報：大型字體，美觀容易看，功能排列簡潔，容易操作。
- 完全掌控：儀表板子畫面，在任何時候，隨時瞭解機台狀態。超強記憶：模組記憶可記憶 200 組。
- 身歷其境：連線程式介面與機台面板介面完全相同，不需另外學習，身在辦公室，也可直接瞭解機台的狀態。
- 萬國語言：具有多種語言顯示模式，可隨時切換，方便不同地區人員操作。3D 動畫：機械動作全程動畫顯示。
- Familiar interface: To follow AMC500, 700 series interface and functions, former customers can have an easy and better operation. Low learning curve: It installs online help sub-screen, and each screen has given description. There are detailed instructions for each item as well as alarm. Database: plastic temperature setting and search.
- Security checks: Tip of values in a maximum and minimum range; if data entry goes out of range, it will be prompted in voice, and automatically return to the original value.
- Poster: In a large font, good-looking and easy to look at. Functions are arranged in simplicity, easy to operate.
- Complete control: Panel screen can display the status of the machine at any time. Extremely powerful memory: Module Memory can have 200 units in memory.
- Virtual Reality: Linking program interface is completely identical to the panel interface so there is no need to learn again. The staff can directly monitor the status of the machine even though he/she stays in the office.
- Universal languages: a multilingual display mode is available for personnel to switch at any time for the use in different regions. 3D Animation: mechanical movement process display in animation.

YH-V / 1S / 2S 立式關模立式射出系列

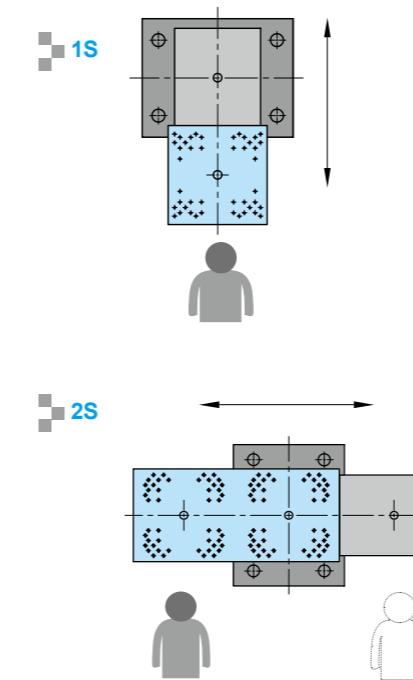
YH-V / 1S / 2S Vertical Clamping Vertical Injection Series

功能特點

- 立式四柱直立鎖模，直立射出，採長方形柱內設計，便於嵌入。
- 射出採用雙缸平衡式結構，射出平穩有力。
- 結構簡約，佔地空間小。
- 直立式鎖模，能快速下降合模與慢速低壓合模，對模具的壽命，更能持久。
- 1S單滑模：在開模後下模自動滑移到操作者正前方，更便於鑲嵌件成型作業。
- 2S雙滑模(交替式雙滑模)：一模在注塑成型，一模在外做取件與放鑲嵌件的工作，生產效能更高。

Features

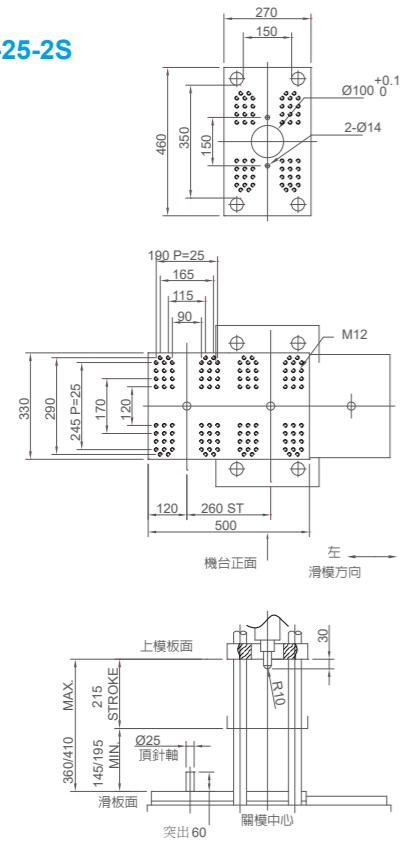
- Four-column/vertical clamping, vertical injection. Rectangular shape between tie bars for easy insert.
- Twin injection cylinder balanced for smooth and powerful injection.
- Simple structure, small occupancy.
- Double action clamping cylinder for fast clamping, slow speed high pressure clamping.
- Single sliding pushes the lower mold out for easy loading/unloading.
- Double sliding use two lower mold, machine molding the parts while the operator is loading the other mold, to increase productivity.



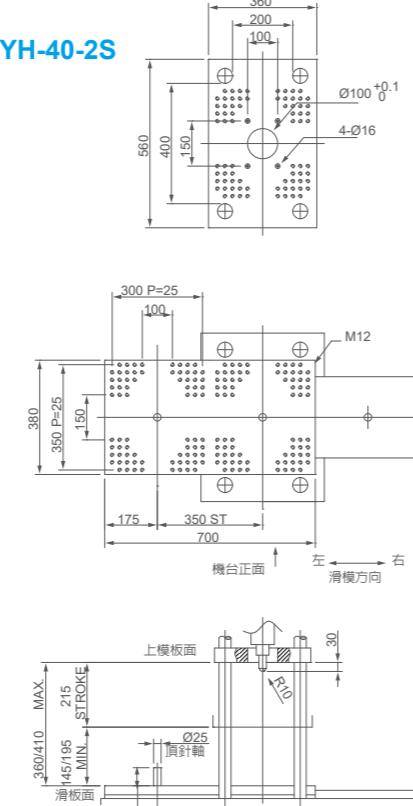
主要規格 Main Specification

型 號	MODEL	YH-25			YH-40			YH-60			YH-90			YH-120			YH-160			YH-200			YH-250			
		V	1S	2S	V	1S	2S	V	1S	2S	V	1S	2S	V	1S	2S	V	1S	2S	V	1S	2S	V	1S	2S	
射 出 系 統 INJECTION UNIT																										
螺 桿 直 徑	Screw Diameter	mm	24	30	28	32	36	32	36	40	34	38	42	38	44	50	42	50	46	55	55	65				
射 出 壓 力	Injection Pressure	kgf / cm ²	2333	1493	2009	1538	1215	1914	1512	1225	1932	1546	1266	2080	1551	1201	2000	1411	2034	1423	2083	1491				
理 論 射 出 容 積	Injection Capacity	cm ³	47	74	83	109	137	125	158	195	150	187	229	204	274	353	277	393	366	523	594	830				
最 大 射 出 重 量	Max. Injection Weight (P.S)	gr	43	67	75	98	124	112	142	175	135	168	206	184	246	318	249	353	329	470	535	747				
		oz	1.5	2.4	2.6	3.4	4.4	4.0	5.0	6.2	4.7	5.9	7.2	6.5	8.7	11.2	8.8	12.4	11.6	16.6	18.8	26.3				
射 出 率	Injection Rate	cm ³ / sec	30	47	46	61	77	59	74	91	70	88	107	85	114	148	110	155	128	193	171	236				
射 出 速 度	Injection Speed	mm / s	66		75			73			77			75			79			77			72			
鎖 模 系 統 CLAMPING UNIT																										
鎖 模 力	Clamping Force	tf	25		40			60			90			120			160			200			250			
鎖 模 行 程	Clamping Stroke	mm	215		215			215			250			300			300			350			400			
最 大 開 距	Max. Open Distance	mm	360 / 410		360 / 410			415 / 465			450 / 500			550 / 600			550 / 600			650 / 700			800 / 850			
最 小 模 厚	Min. Mold Height	mm	145 / 195		145 / 195			200 / 250			200 / 250			250 / 300			250 / 300			300 / 350			400 / 450			
柱 内 空 間	Dimension of Tie Bar (H x V)	mm	350 x 150		400 x 200			450 x 250			510 x 310			580 x 340			650 x 380			750 x 400			850 x 450			
頂 出 力	Hydraulic Ejector Force	tf	1.7		1.7			1.7			2.7			2.7			3.3			4.5			4.5			
頂 出 高 度 (模 面)	Ejector Stroke	mm	40	60		40	60		40	60		70	60		70	100		80	125		100	150		100	150	
滑 模 系 統 SLIDE UNIT																										
滑 模 行 程	Slide Stroke	mm	240		260		320		350		370		400		480		550		520		570		580		630	
滑 模 尺 寸	Slide Dimension	mm	330 x 260		500 x 330		380 x 350		700 x 380		420 x 400		800 x 420		480 x 550		1100 x 480		540 x 570		1140 x 540		630 x 630		1260 x 630	
其 他 OTHER																										
電 動 機	Drive Motor	kw (hp)	3.7(5)		3.7+2.2 (5+3)		5.5 (7.5)		5.5+2.2 (7.5+3)		7.5 (10)		7.5+2.2 (10+3)		11.2 (15)		11.2+2.2 (15+3)		14.9 (20)		14.9+2.2 (20+3)		18.7 (25)		18.7+2.2 (25+3)	
電 熱	Heater	kw	3.5																							

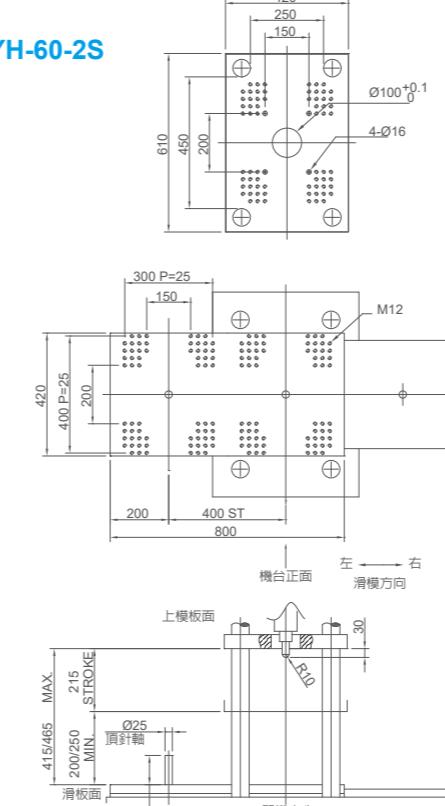
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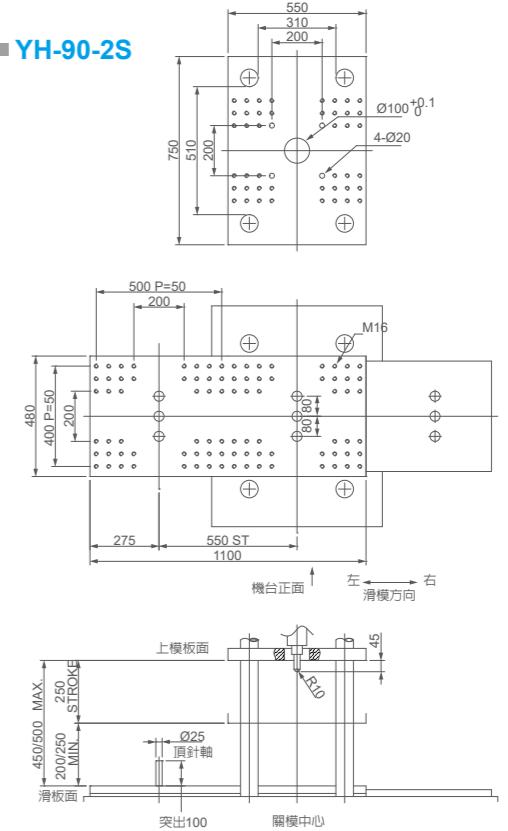
YH-40-2S



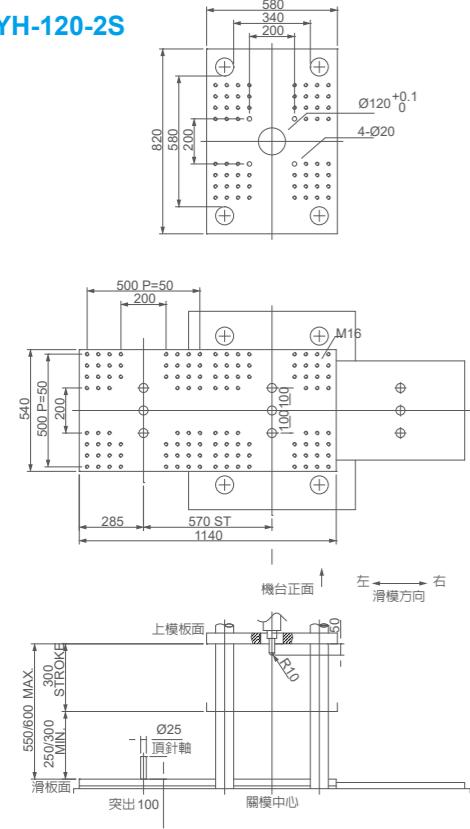
YH-60-2S



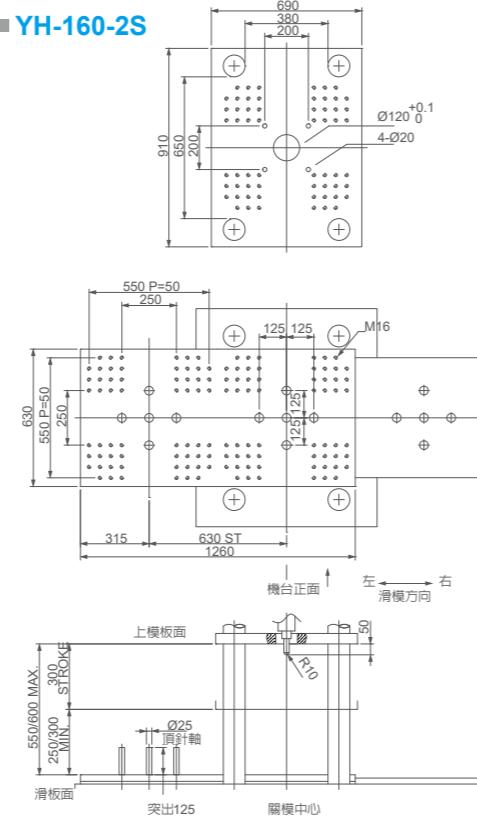
YH-90-2S



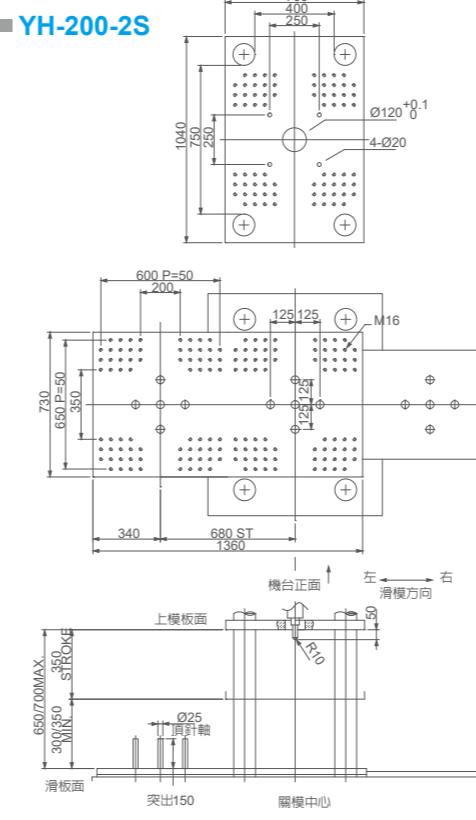
YH-120-2S



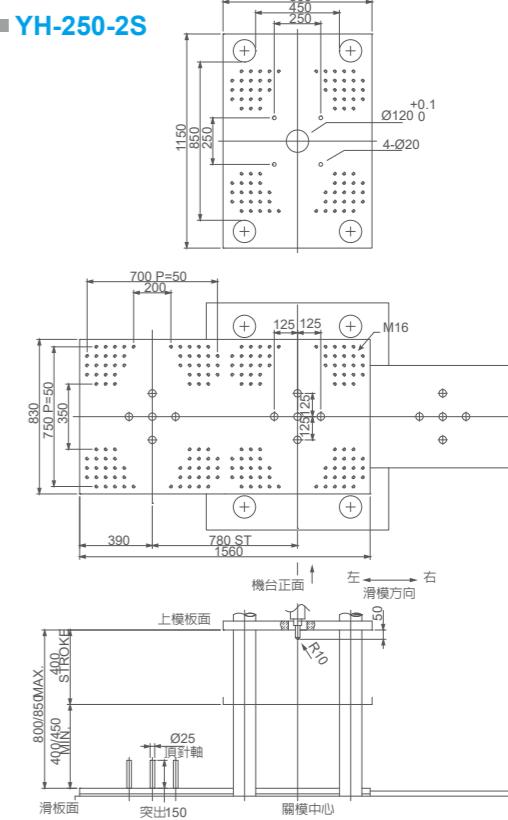
YH-160-2S



YH-200-2S



YH-250-2S



YR 系列 YR SERIES

YR 多重嵌入射出機圓盤系列

YR Multiple Embedded Rotary Injection Molding Machine Series

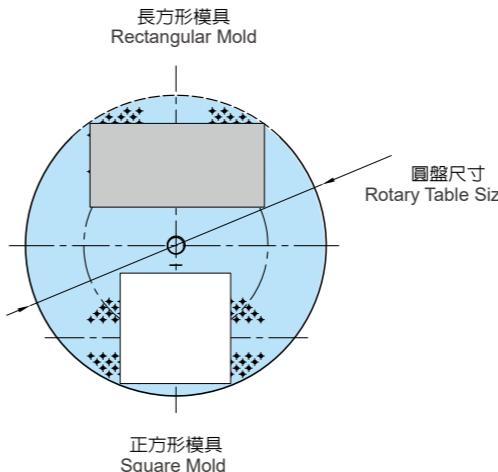
功能特點

- 立式直立鎖模，直立射出。
- 圓盤在同一水平面做180°來回交替旋轉，可讓操作者在固定操作面做取件與放嵌件，工作方便生產效率高。
- 圓盤面的定位，以固定銷鎖住，可確保圓盤旋轉停止後，能有高精度的定位，讓成型上下模具更準確合模。
- 可加裝自動嵌入與取出等自動化裝置，達成全機全自動化的運轉。
- 標準圓盤為2站，有特殊需求可另選3站或4站，達到更方便得操作，及與自動化連線規劃，增加產能。
- 標準圓盤為立式三柱直壓鎖模，有特殊模具需求，也可為立式四柱直壓鎖模。

Features

- Vertical clamping with vertical injection.
- Rotary table oscillate 180°, rotate back / forth for easy loading and finished parts pick out, to increase productivity.
- Rotary table with location pin, accurate positioning for mold alignment and automation.
- Robot interface capability for complete automation.
- Standardized with 2-station function, and capable for 3-station or 4-station function & automation linkup for advanced efficiency.
- Standardized with 3-columns clamp, and available for 4-columns clamping upon request.

圓盤模具 Rotary Table Mold



主要規格 Main Specification

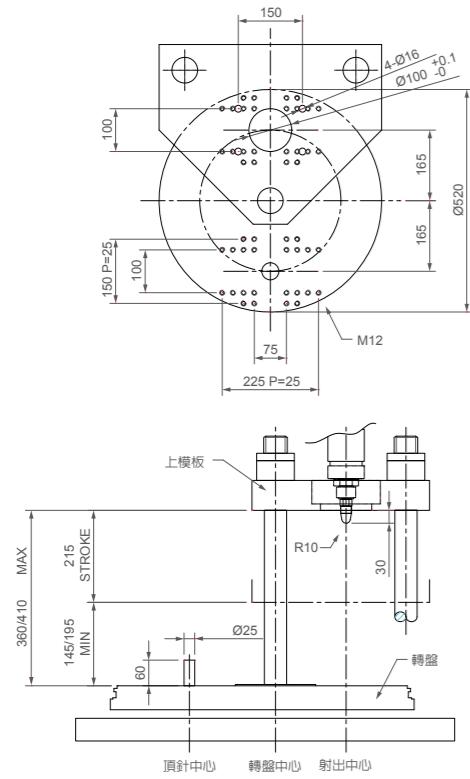
型 號	MODEL	YR-25-3R		YR-40-3R			YR-60-3R			YR-90-3R			YR-120-3R			YR-160-3R		YR-200-3R		YR-250-3R			
射 出 系 統																							
螺 桿 直 徑	Screw Diameter	mm	24	30	28	32	36	32	36	40	34	38	42	38	44	50	42	50	46	55	55	65	
射 出 壓 力	Injection Pressure	kgf / cm ²	2333	1493	2009	1538	1215	1914	1512	1225	1932	1546	1266	2080	1551	1201	2000	1411	2034	1423	2083	1491	
理 論 射 出 容 積	Injection Capacity	cm ³	47	74	83	109	137	125	158	195	150	187	229	204	274	353	277	393	366	523	594	830	
最 大 射 出 重 量	Max. Injection Weight (P.S)	gr	43	67	75	98	124	112	142	175	135	168	206	184	246	318	249	353	329	470	535	747	
		oz	1.5	2.4	2.6	3.4	4.4	4.0	5.0	6.2	4.7	5.9	7.2	6.5	8.7	11.2	8.8	12.4	11.6	16.6	18.8	26.3	
射 出 率	Injection Rate	cm ³ / sec	30	47	46	61	77	59	74	91	70	88	107	85	114	148	110	155	128	193	171	239	
射 出 速 度	Injection Speed	mm / s	66		75			73			77			75			79		77		72		
鎖 模 系 統																							
鎖 模 力	Clamping Force	tf	25		40			60			90			120			160		200		250		
鎖 模 行 程	Clamping Stroke	mm	215		215			215			250			300			300		350		400		
最 大 開 距	Max. Open Distance	mm	360 / 410		360 / 410			415 / 465			450 / 500			550 / 600			550 / 600		650 / 700		800 / 850		
最 小 模 厚	Min. Mold Height	mm	145 / 195		145 / 195			200 / 250			200 / 250			250 / 300			250 / 300		300 / 350		400 / 450		
頂 出 力	Hydraulic Ejector Force	tf	1.7		1.7			1.7			2.7			2.7			3.5		4.5		4.5		
頂 出 高 度 (模 面)	Ejector Stroke	mm	60		60			100			100			100			125		150		150		
轉 盤 系 統																							
轉 盤 直 徑	Rotary Diameter	mm	Φ 520		Φ 750			Φ 856			Φ 980			Φ 1172			Φ 1350		Φ 1550		Φ 1750		
模 具 尺 寸	The MAX. Mold Size Square Mold 正方	mm	150 x 150		220 x 220			260 x 260			300 x 300			400 x 400			450 x 450		500 x 500		550 x 550		
	The MAX. Mold Size Rectangular Mold 長方	mm	150 x 200		170 x 300			200 x 350			250 x 450			300 x 500			400 x 550		450 x 600		500 x 650		
其 他																							
電 動 機	Drive Motor	kw (hp)	3.7+2.2 (5+3)		5.5+2.2 (7.5+3)			7.5+2.2 (10+3)			11.2+2.2 (15+3)			14.9+2.2 (20+3)			18.7+2.2 (25+3)		22.4+2.2 (30+3)		29.8+2.2 (40+3)		
電 热	Heater	kw	3.5		4.5			6			7.5			9			11		13		15		
油 箱 容 量	Oil Tank Capacity	L	200		225			250			300			350			400		450		500		
機 械 尺 寸	Dimension of Machine (L x W x H)		L (m)	1.8		2.0			2.2			2.4			2.7			3		3.2		3.6	
	W (m)	1.3																					

YR 系列 YR SERIES

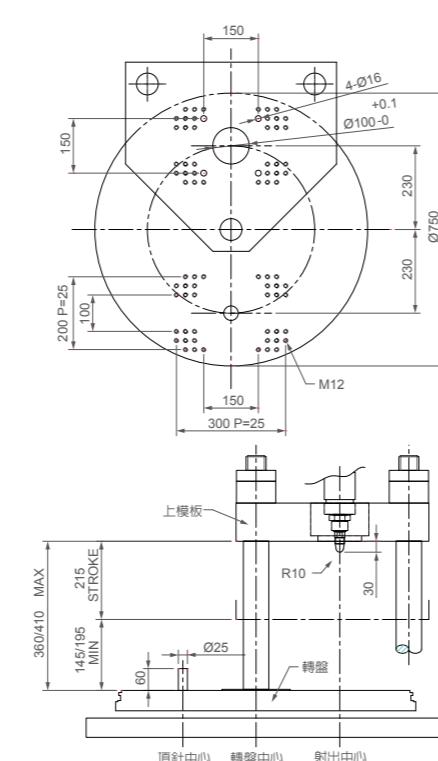
模板尺寸圖

Series Template Size

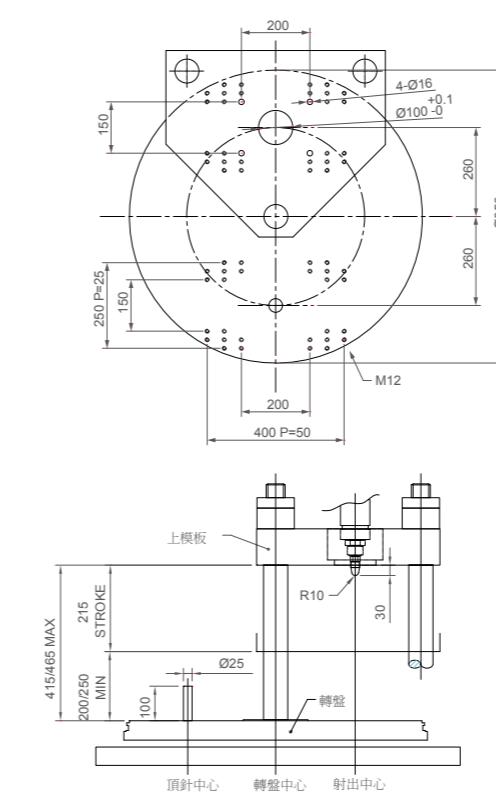
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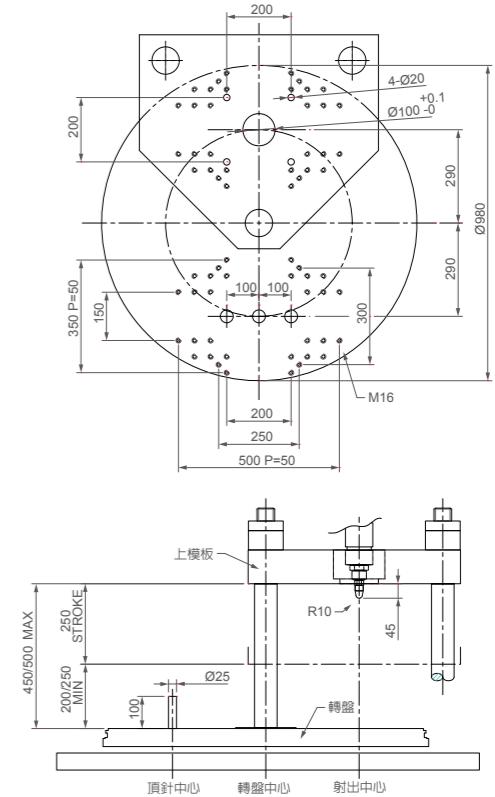
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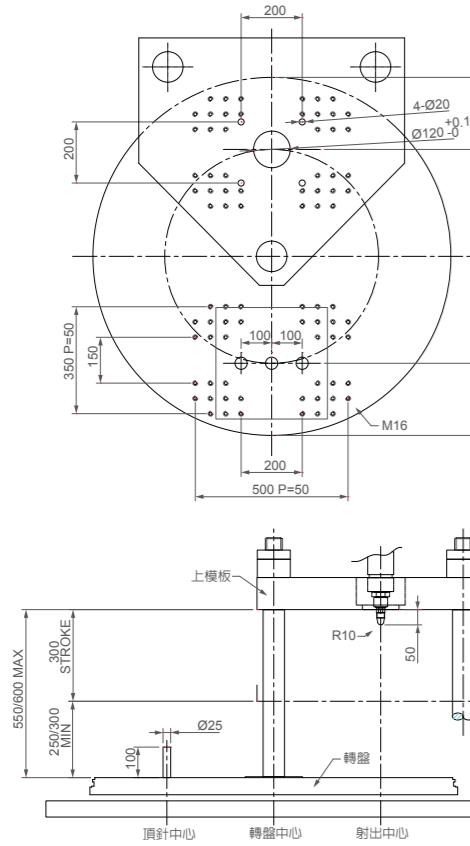
YR-60-3R2



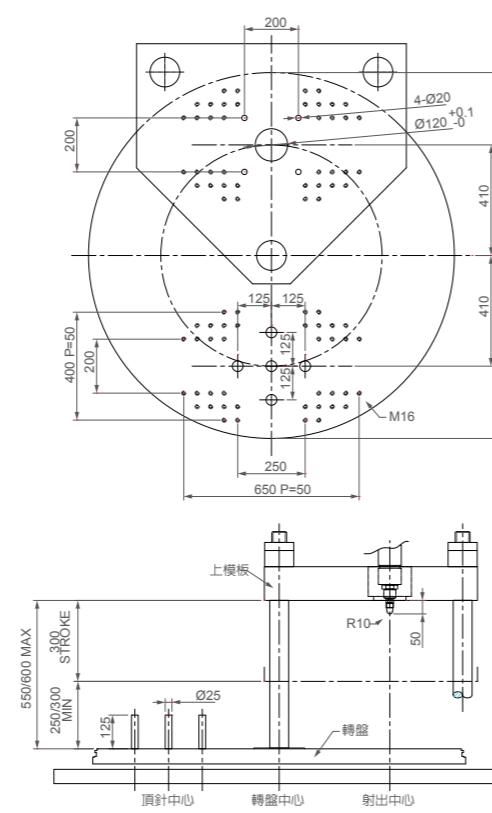
YR-90-3R2



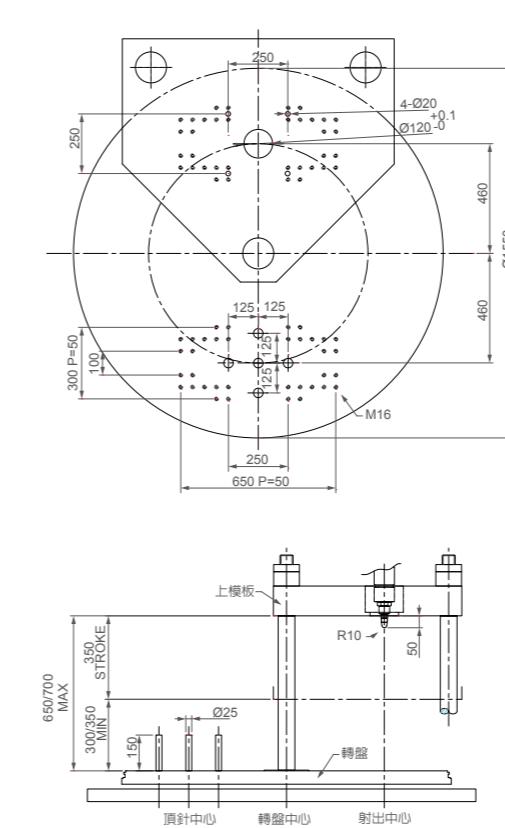
YR-120-3R2



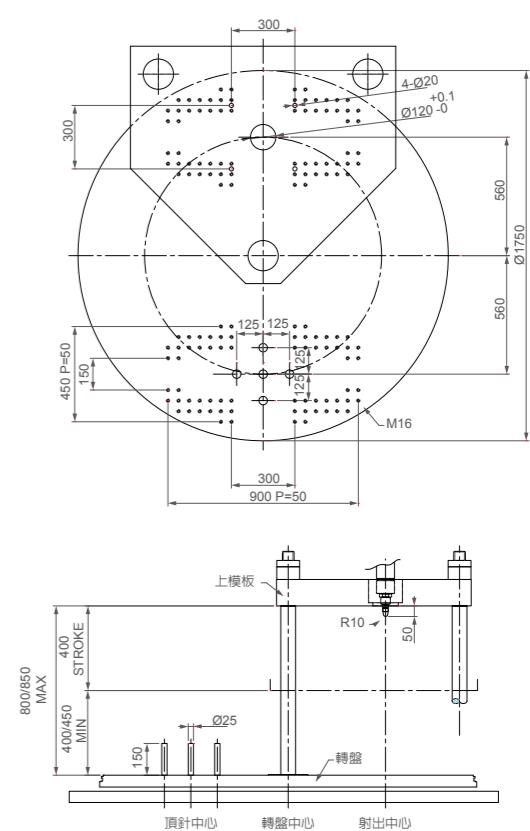
YR-160-3R2



YR-200-3R2



YR-250-3R2



YC 無柱立式關模臥式射出系列

YC Vertical Clamping Horizontal Injection Tie-barless Series

功能特點

- 立式關模，無機柱的機體方式，配合臥式射出，機械結構性強，射出有力，適合較大型嵌合件成型加工。
- 三面空間的開放，使鑲嵌件及成品取放，對特殊長條狀或帶有導線的產品，更加容易作業，更可配合自動連線規劃。
- 操作面的高度，符合人體工學，且整體機器高度低，讓作業環境有更多額外利用空間。
- 多樣化的油路設計，可配合客戶的選擇要求。

Features

- Vertical clamping, without machine column design, the mechanical constitutive property is strong, Injection powerfully, suit large-scale embedment to take shape the processing.
- Three-sides open space, easier operation for embedded parts and finished products, and able to combine automation connecting planning.
- The height of operating surface is ergonomic, and the height of the machine is low. The operating environment can have more additional space to use.
- Variety of logic design complies with the customer's requirement.

主要規格 Main Specification

型 號	MODEL	YC-40			YC-60			YC-90			YC-120			
		V	2S	R	V	2S	R	V	2S	R	V	2S	R	
射 出 系 統														
螺 桿 直 徑	Screw Diameter	mm	28	36	32	40	34	42	38	50				
射 出 壓 力	Injection Pressure	kgf / cm ²	2008	1215	1914	1225	1931	1265	2079	1200				
理 論 射 出 容 積	Injection Capacity	cm ³	83	137	124	194	149	228	204	353				
最 大 射 出 重 量	Max. Injection Weight (P.S.)	gr	74	123	112	175	134	205	183	319				
		oz	2.6	4.3	3.9	6.1	4.7	7.2	6.4	11.1				
射 出 率	Injection Rate	cm ³ / sec	47	78	56	92	67	108	81	141				
鎖 模 系 統														
CLAMPING UNIT														
鎖 模 力	Clamping Force	tf	40		60		90		120					
鎖 模 行 程	Clamping Stroke	mm	200		200		250		300					
最 大 開 距	Max. Open Distance	mm	375		400		500		550					
最 小 模 厚	Min. Mold Height	mm	175		200		250		250					
模 板 尺 寸	Mold Size	mm	420 x 240		480 x 280		580 x 380		650 x 420					
頂 出 力	Hydraulic Ejector Force	tf	1.7		1.7		2.7		2.7					
頂 出 高 度 (模 面)	Ejector Stroke	mm	突出 40		突出 40		突出 40		突出 40					
射嘴中心高度	Height of Nozzle Center	mm	140 ± 25		140 ± 25		150 ± 25		150 ± 25					
模 中 心 至 射 嘴 距	Distance From Mold Center to Nozzle	mm	min75		min75		min125		min125					
滑 模 系 統														
SLIDE UNIT														
滑 模 行 程	Slide Stroke	mm	450		500		600		650					
滑 模 尺 寸	Slide Dimension	mm	870 x 240		980 x 280		780 x 380		1290 x 420					
圓 盤 系 統														
ROTARY UNIT														
圓 盤 尺 寸	Rotary Dimension	mm		Φ750		Φ856		Φ980		Φ1172				
其 他														
電 動 機	Drive Motor	kw (hp)	5.5(7.5)	5.5+2.2(7.5+3)	7.5(10)	7.5+2.2(10+3)	11.1(15)	11.1+2.2(15+3)	14.9(20)	14.9+2.2(20+3)				
電 熱	Heater	kw	4.5		6		7.5		9.5					
油 箱 容 量	Oil Tank Capacity	L	200		220		250		300					
機 械 尺 寸	Dimension of Machine (L x W x H)	L (m)	2.5	2.6	3.0	2.7	2.8	3.3	2.9	3.0	3.7	3.0	3.1	4.2
		W (m)	1.3	1.4	1.4	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.7	1.7
		H (m)	2.5	2.6	2.7	2.6	2.7	2.8	2.7	2.8	2.9	3.0	3.0	3.1
機 械 重 量	Weight of Machine	T	3.5	4.0	4.8	4.1	4.6	5.5	5.5	6.0	7.2	7.0	7.8	9.5

* 規格若修改，恕不另行通知。 * 螺桿及鎖模力可選擇使用。 *Figures shown herein are subject to change without notice.*Screw and clamping force can be set as customer's request.

模板尺寸圖
Series Template Size

C — 臥式射出

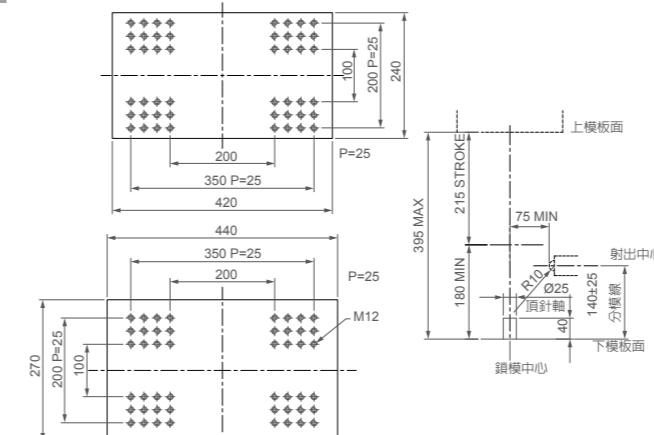
- 可調整的射嘴水平高度，易于模具的中心校准，安装模具迅速方便。
 A. 可选择加装双滑模（交替式滑模）——模注塑成形，一模取件与放嵌件的工作，作业安全性高，又可提高工作效率。
 B. 可选择加装圆盘。

C — Horizontal Injection

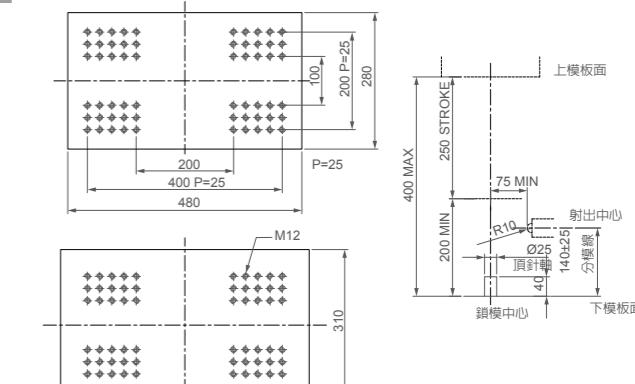
- The adjustable horizontal height of nozzle is easy for center calibration of mold, mold installation is quick and easy.
 A. Able to equip the double sliding (Alternating double sliding): One mold for injection molding, another mold for taking out and putting on embedded parts operation. With high operational safety and high production efficiency.
 B. Installation of disc is optional.



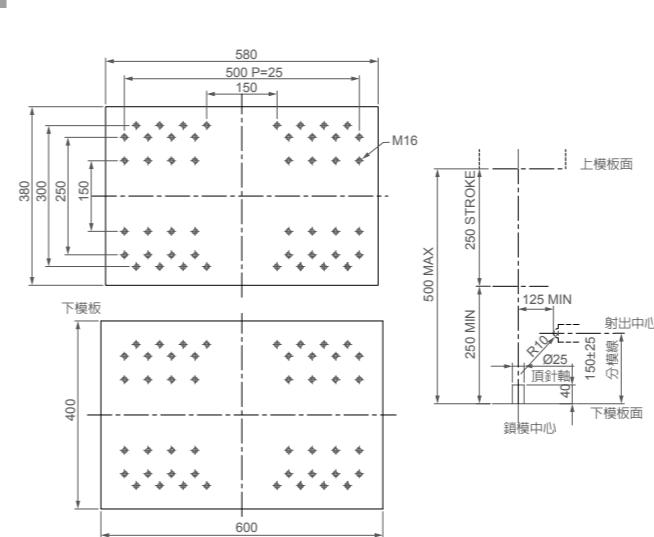
YC-40-V



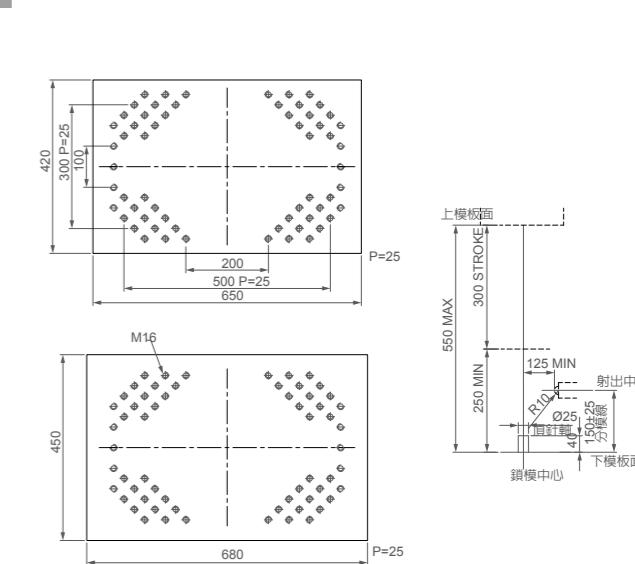
YC-60-V



YC-90-V



YC-120-V



YL 系列 YL SERIES

YL 無柱關模立式射出系列 YL Vertical Clamping Vertical Injection Tie-barless Series

功能特點

- 立式關模，無機柱的機體方式，配合立式射出，機械結構性強，射出有力，適合較大型嵌合件成型加工。
- 三面空間的開放，使鑲嵌件及成品取放，對特殊長條狀或帶有導線的產品，更容易作業，更可配合自動連線規劃。
- 操作面的高度，符合人體工學，且整體機器高度低，讓作業環境有更多額外利用空間。
- 多樣化的油路設計，可配合客戶的選擇要求。

Features

- Vertical clamping, without machine column design, the mechanical constitutive property is strong, Injection powerfully, suit large-scale embedment to take shape the processing.
- Three-sides open space, easier operation for embedded parts and finished products, and able to combine automation connecting planning.
- The height of operating surface is ergonomic, and the height of the machine is low. The operating environment can have more additional space to use.
- Variety of logic design complies with the customer's requirement.

主要規格 Main Specification

型 號	MODEL	YL-40		YL-60		YL-90	
		V	1S	V	1S	V	1S
射 出 系 統 INJECTION UNIT							
螺 桿 直 徑	Screw Diameter	mm	28	32	32	36	34
射 出 壓 力	Injection Pressure	kgf / cm ²	2008	1537	1914	1512	1931
理 論 射 出 容 積	Injection Capacity	cm ³	83	108	124	157	149
最 大 射 出 重 量	Max. Injection Weight (P.S.)	gr	74	99	112	141	134
		oz	2.6	3.4	3.9	4.9	4.7
射 出 率	Injection Rate	cm ³ / sec	47	61	56	71	70
鎖 模 系 統 CLAMPING UNIT							
鎖 模 力	Clamping Force	tf	40	60	90		
鎖 模 行 程	Clamping Stroke	mm	215	250	250		
最 大 開 距	Max. Open Distance	mm	395	450	500		
最 小 模 厚	Min. Mold Height	mm	180	200	250		
模 板 尺 寸	Mold Space	mm	420 x 350	450 x 420	560 x 480		
頂 出 力	Hydraulic Ejector Force	tf	1.7	1.7	2.7		
頂 出 高 度 (模 面)	Ejector Stroke	mm	突出 40	突出 40	突出 40		
滑 模 系 統 SLIDE UNIT							
滑 模 行 程	Slide Stroke	mm	300	400	500		
滑 模 尺 寸	Slide Dimension	mm	460 x 320	550 x 410	600 x 450		
其 他 OTHER							
電 動 機	Drive Motor	kw (hp)	5.5 (7.5)	7.5 (10)	11.1 (15)		
電 熱	Heater	kw	4.5	6	7.5		
油 箱 容 量	Oil Tank Capacity	L	200	220	250		
機 械 尺 寸	Dimension of Machine (L x W x H)	L (m)	1.9	2.3	2.0	2.5	2.1
		W (m)	1.5	1.5	1.7	1.7	1.9
		H (m)	2.8	2.9	3.2	3.3	3.4
機 械 重 量	Weight of Machine	T	4.1	4.4	6.0	6.5	8.8

* 規格若修改，恕不另行通知。 * 螺桿及鎖模力可選擇使用。 *Figures shown herein are subject to change without notice. *Screw and clamping force can be set as customer's request.

模板尺寸圖 Series Template Size



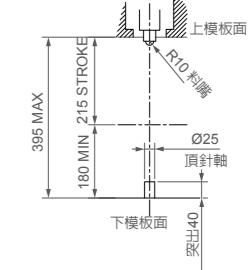
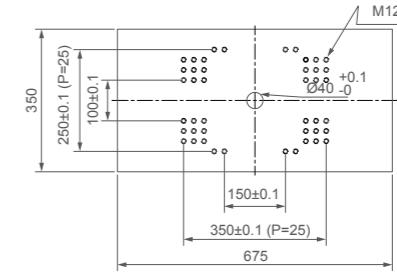
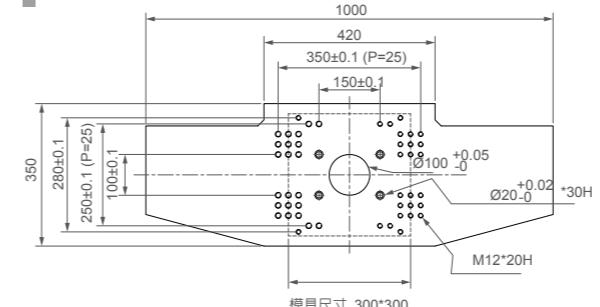
L—立式射出

- A. 可選擇加裝單滑模，讓成型作業更方便。
B. 可選擇加裝圓盤，可提高工作效率。

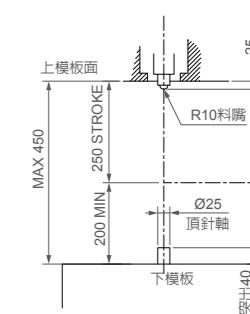
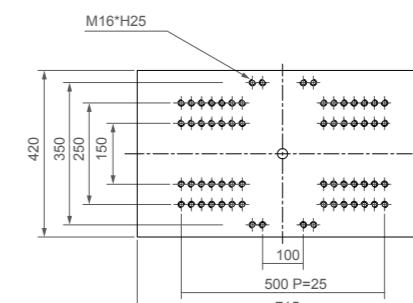
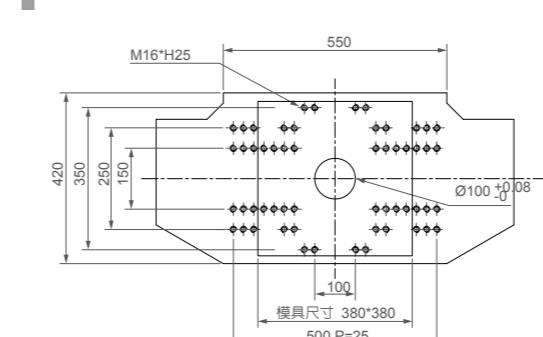
L — Vertical Injection

- A. Optional single sliding can be installed to make operation more convenient.
B. Optional installation disc to improve work efficiency.

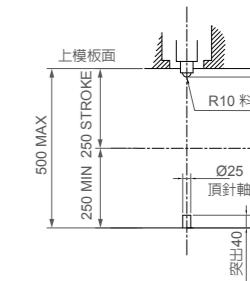
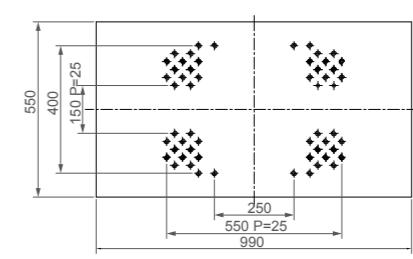
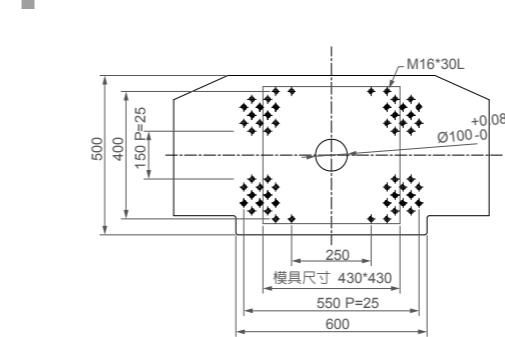
YL-40-V



YL-60-V



YL-90-V



YHL 立式塑膠、立式射出成形系列

Vertical plastic and injection molding machine YHL series

Equipment features

功能特點

- 立式直立鎖模，直立射出的機體方式，結構簡單，寬檯面。
- 採射出中心偏位元的設計方式，使三面空間更加開放，能適用長條狀汽車密封條接角成型或帶有導線產品成型，讓成型作業更加容易。
- 立式塑膠射出機，射出系統採標準、模組化設計，通用各類型的嵌件注塑成型，塑膠成型能力特優。
- 立式橡膠射出機，射出系統採螺杆進料，柱塞射出二階段的設計，能適應不同硬度的橡膠材料，橡膠注射穩定精確。
- 最優化的設計方案，如鎖模/注射/塑化等單元最可靠的射出成型設備之一。

Features

- Vertical upright clamping, straight shot structure, simple structure.
- The design method of shooting the center shifting element makes the three-sided space more open, and can be applied to the long strip-shaped automobile sealing strip to form a corner or to form a lead product, which makes the forming work easier.
- Vertical plastic injection machine, injection system adopts standard and modular design, universal injection molding of various types of inserts, and excellent plastic molding ability.
- Vertical rubber injection machine, injection system adopts screw feeding and plunger injection two-stage design, which can adapt to different hardness rubber materials, and rubber injection is stable and accurate.
- Optimized design, such as one of the most reliable injection molding equipment for clamping/injection/plasticizing.

適用

- | | |
|--------|-------------------|
| • 汽車配件 | • 醫療用品 |
| • 電源 | • 體育用品 |
| • 電子 | • 文具用品 |
| • 電氣配件 | • 家庭五金等需要嵌入的射出成型品 |

Applicable

- | | |
|--------------------------|--|
| • Auto parts | • Medical supplies |
| • Power | • Sporting goods |
| • Electronic | • Stationery |
| • Electrical accessories | • Home hardware and other injection molding products that need to be embedded. |

主要規格 Main Specification

型 號	MODEL	塑膠射出成型機						橡膠射出成型機	
		YHL-25-1S		YHL-40-1S		YHL-25-1S-CM			
射 出 系 統									
螺 桿 直 徑	Screw Diameter	mm	24	26	32	28	32	36	34
射 出 柱 塞 直 徑	Injection Plunger Diameter	mm							32
射 出 壓 力	Injection Pressure	kgf / cm ²	2333	1988	1312	2008	1537	1215	1500
理 讀 射 出 容 積	Injection Capacity	cm ³	47	55	84	83	108	139	160
最 大 射 出 重 量	Injection Weight (PS)	gr	43	50	75	74	97	123	
		oz	1.5	1.7	2.6	2.6	3.4	4.3	
射 出 率	Injection Rate	cc / s	30	35	52	47	61	78	64
射 出 速 度	Injection Speed	mm / sec	120	66		77			80
使 用 材 料	Material / Rubber								橡膠條 5T x 30 寬
鎖 模 系 統									
鎖 模 力	Clamping Force	tf		25		35		25	
鎖 模 行 程	Clamping Stroke	mm		215		215		215	
最 大 開 距	Max. Open Distance	mm	360	410	360	410		315	
最 小 模 厚	Min. Mould Height	mm	145	195	145	195		100	
柱 内 空 間	Dimension of inner Post (H×V)	mm	350 (依圖)			400 (依圖)			350 (依圖)
頂 出 力	Hydraulic Ejector Force	mm	1.3			1.3			
頂 出 高 度 (模 面)	Ejector Stroke	mm	40			40			
滑 模 系 統									
滑 模 行 程	Slidable Journey	mm	260			320			260
滑 板 尺 寸	Overall Size Of Slipform (H×V)	mm	330 x 280			380	350	330 x 300	
其 他									
電 動 機	Drive Motor	kw (hp)	3.7 (5hp)			5.5 (7.5hp)			5.5 (7.5hp)
電 热	Heater	kw	3.5			4.5			上熱板 4.8 / 下熱板 4.8
油 箱 容 量	Oil Tank Capacity	L	140			200			160
機 械 尺 寸	Dimension Of Machine	L (m)	1.5			1.5			1.5
		W (m)	1.1			1.3			1.1
		H (m)	3.5			3.45			3.1
重 量	Weight Of Machine	T	2.0			2.5			2.2
模 溫 機		KW							6.55

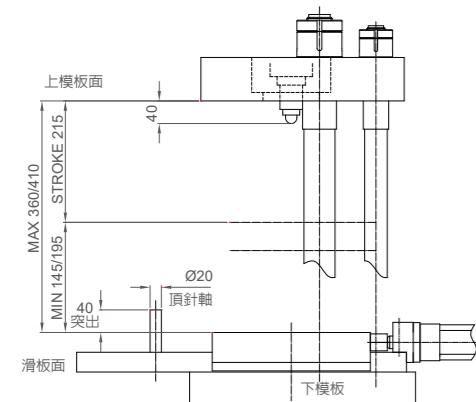
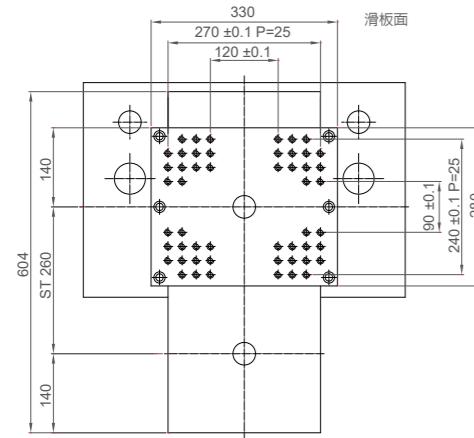
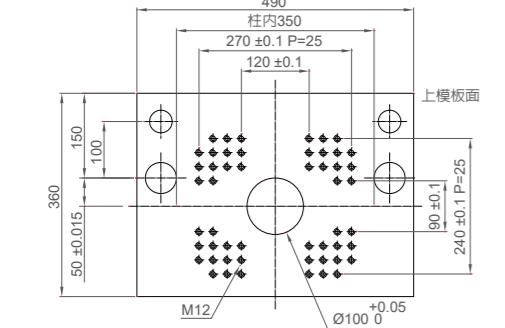
* 規格若修改，恕不另行通知。 * 螺桿及鎖模力可選擇使用。 *Figures shown herein are subject to change without notice. *Screw and clamping force can be set as customer's request.

YHL 系列 YHL SERIES

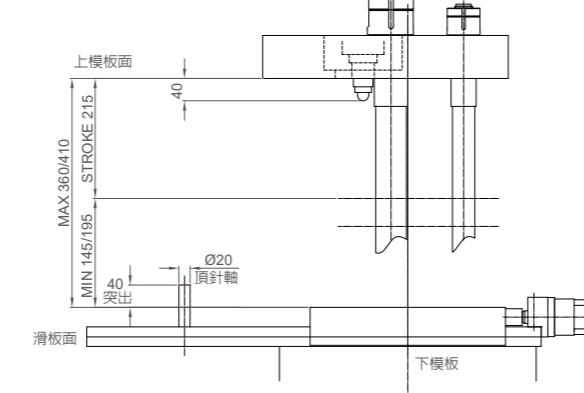
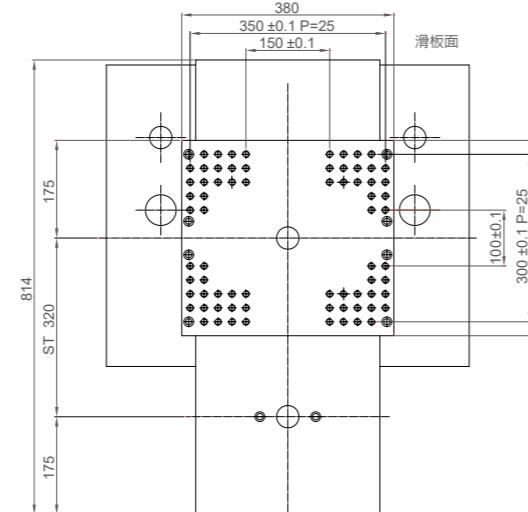
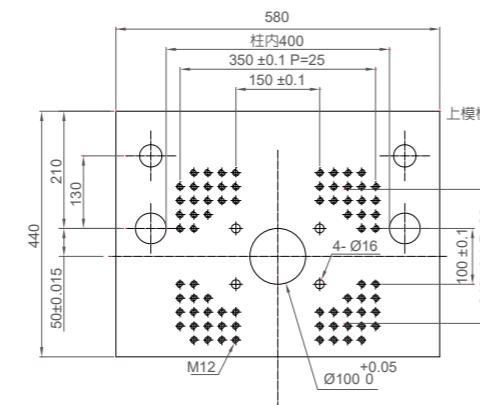
模板尺寸圖

Series Template Size

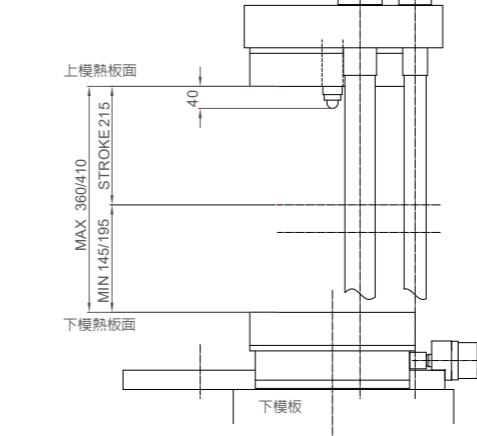
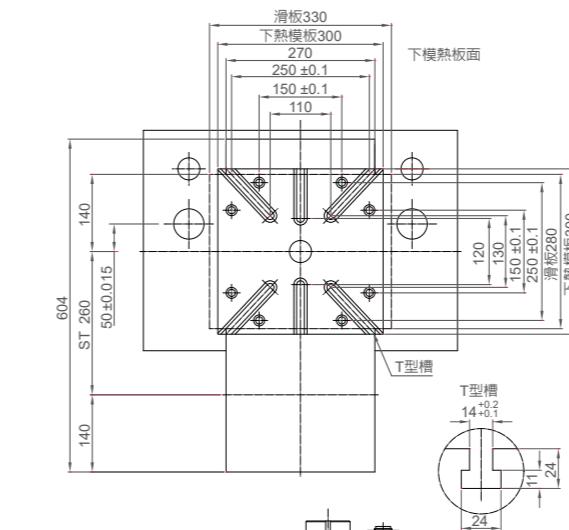
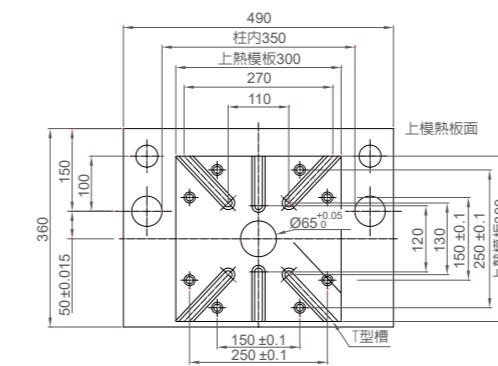
YHL-25-1S



YHL-40-1S



YHL-25-1S-CM



*規格若修改，恕不另行通知。*螺桿及鎖模力可選擇使用。*Figures shown herein are subject to change without notice. *Screw and clamping force can be set as customer's request.

YQ 立式關模立式射出成型機

YQ Vertical Injection Molding Machine

功能特點

- 立式四柱直立鎖模，直立射出。
 - 採正方形柱內設計，容模尺寸特大，且柱內空間讓客戶更容易加裝自動嵌入與取出成品等自動化裝置，而達成全機全自動。
 - 1S單滑模：在開模後，下模自動滑移到操作者正前方便於鑲嵌件成型作業。
 - 2S雙滑模（交替式雙滑模）：一模在注塑成形，一模在外做取件與放鑲嵌件的成型作業。
 - 2SL雙滑模(90° 交替式雙滑模)：只需一位操作者即可獨立作業，一模在注塑成形，一模在外做取料與放鑲嵌件，且兩個滑模呈 90° 方位交替，降低生產成本，效能更高。

Features

- Vertical four-column vertical clamping, with vertical injection.
 - The square pillar design comes with large mold size. The space within the column allows customers to install devices of automatic embedding and removing products. This allows automation for the whole machinery.
 - 1S single slide: After mold opening, the lower mold will automatically slip in front of the operator for facilitating embedded molding operation.
 - 2S double slide (Alternating double slide): One mold for injection molding, another mold for taking out and putting on embedded parts operation.
 - 2SL double slide (90° Alternating double slide): One operator can operate independently. One mold for injection molding, another other mold for material taking and putting on embedded parts. The two slidings are intersecting at 90 degrees, which can lower the production cost, and enhance the performance.
 - Able to combine automation and the high-speed injection can effectively enhance the production capacity.
 - A variety of circuit design (half closed servo hydraulic or high speed injection) to meet the customer's requirements.



主要規格 Main Specification

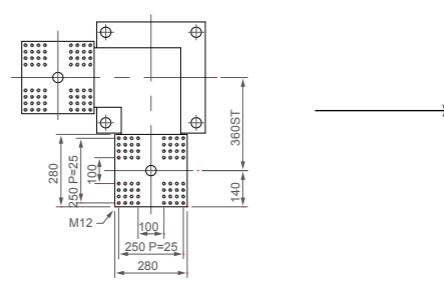
型 號	MODEL	YQ-25				YQ-40				YQ-60				YQ-90				YQ-120				YQ-160				YQ-200								
		V	1S	2S	2SL	V	1S	2S	2SL	V	1S	2S	2SL	V	1S	2S	2SL	V	1S	2S	2SL	V	1S	2S	2SL	V	1S	2S	2SL					
射出系統	INJECTION UNIT																																	
螺桿直徑	Screw Diameter	mm	26	30		28		32		32		36		34		38		38		44		42		48		46		50		55		65		
射出壓力	Injection Pressure	kgf / cm ²	1988		1493		2008		1537		1914		1512		1931		1546		2079		1550		2000		1531		2034		1721		2083		1491	
理論射出容積	Injection Capacity	cm ³	55		74		83		108		124		159		149		187		204		273		276		361		365		431		594		829	
最大射出重量	Max. Injection Weight (P.S.)	gr	50		66		74		97		112		141		134		168		183		246		249		325		328		388		535		746	
		oz	1.7		2.3		2.6		3.4		3.9		4.9		4.7		5.9		6.4		8.6		8.7		11.4		11.5		13.6		18.8		26.2	
射出率	Injection Rate	cm ³ / sec	30		47		46		61		59		74		70		88		85		114		110		155		128		193		171		236	
射出速度	Injection Speed	mm / s	66			75			73			77			75			79			86			72										
鎖模系統	CLAMPING UNIT																																	
鎖模力	Clamping Force	tf	25			40			60			90			120			160			200			250										
鎖模行程	Clamping Stroke	mm	215			215			215			250			300			300			350			400										
最大開距	Max. Open Distance	mm	360 / 410			360 / 410			415 / 465			450 / 500			550 / 600			550 / 600			650 / 700			800 / 850										
最小模厚	Min. Mold Height	mm	145 / 195			145 / 195			200 / 250			200 / 250			250 / 300			250 / 300			300 / 350			400 / 450										
柱內空間	Dimension of Tie Bar(H×V)	mm	310 x 310			400 x 400			450 x 450			510 x 510			580 x 580			650 x 650			750 x 750			850 x 850										
頂出力	Hydraulic Ejector Force	tf	1.7			1.7			1.7			2.7			2.7			3.5			4.5			4.5										
頂出高度 (模面)	Ejector Stroke	mm	60			60			100			100			100			125			150			150										
滑模系統	SLIDE UNIT																																	
滑模行程	Slide Stroke	mm	360			460			520			580			650			750			870			1000										
滑模尺寸	Slide Dimension	mm	280 x 280	640 x 280	280 x 280	380 x 380	700 x 380	380 x 380	420 x 420	800 x 420	420 x 420	480 x 480	1100 x 480	480 x 480	540 x 540	1140 x 540	540 x 540	630 x 630	1260 x 630	630 x 630	730 x 730	1360 x 730	730 x 730	830 x 830	1560 x 830	830 x 30								
其他	OTHER																																	
電動機	Drive Motor	kw (hp)	3.7(5)	3.7+2.2 (5+3)	5.5 (7.5)	5.5+2.2 (7.5+3)	7.5 (10)	7.5+2.2 (10+3)	11.2 (15)	11.2+2.2 (15+3)	14.9 (20)	14.9+2.2 (20+3)	18.7 (25)	18.7+2.2 (25+3)	22.4 (30)	22.4+2.2 (30+3)	29.8 (40)	29.8+2.2 (40+3)																
電熱	Heater	kw	3.5			4.5			6			7.5			9			11			13			15										
油箱容量	Oil Tank Capacity	L	200			225			250			300			350			400			450			500										
機械尺寸	Dimension of Machine (L x W x H)	L (m)	1.5	1.8	1.6	1.9	1.7	2.1	1.8	2.2	2.0	2.3	1.9	2.4	2.1	2.5	2.0	2.6	2.2	2.7	2.1	2.8	2.3	3.0	2.3	2.5	3.4	2.7	3.3	2.0	3.4			
		W (m)	1.2	1.2	1.4	1.3	1.3	1.3	1.6	1.5	1.4	1.4	1.9	1.8	1.5	1.5	2.0	1.9	1.6	1.6	2.2	2.1	1.8	1.8	2.5	2.4	1.9	1.9	2.8	2.4	2.0	2.0	2.9	2.6
		H (m)	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.2	4.2	4.3	4.5	4.7	4.7	4.8	5.0	5.4	5.5	5.3	5.6	5.6	5.7	
機械重量	Weight of Machine	T	2.2	2.3	2.5	2.4	2.5	2.6	2.9	2.8	3.4	3.5	3.8	3.7	4.5	4.7	5.0	4.9	5.1	5.3	5.8	5.7	6.4	6.7	7.2	7.1	8.5	8.9	9.7	9.6	10.0	10.5	11.2	

* 規格若修改，恕不另行通知。* 螺桿及鎖模力可選擇使用。*Figures shown herein are subject to change without notice. *Screw and clamping force can be set as customer's request.

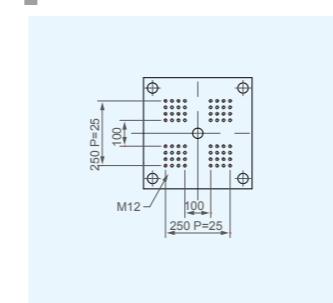
YQ 系列 YQ SERIES

模板尺寸圖 Series Template Size

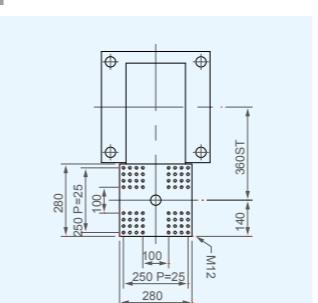
YQ-25 範例



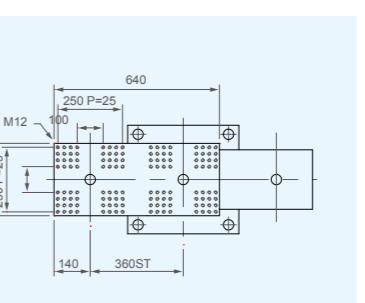
V



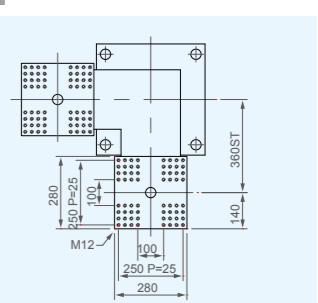
1S



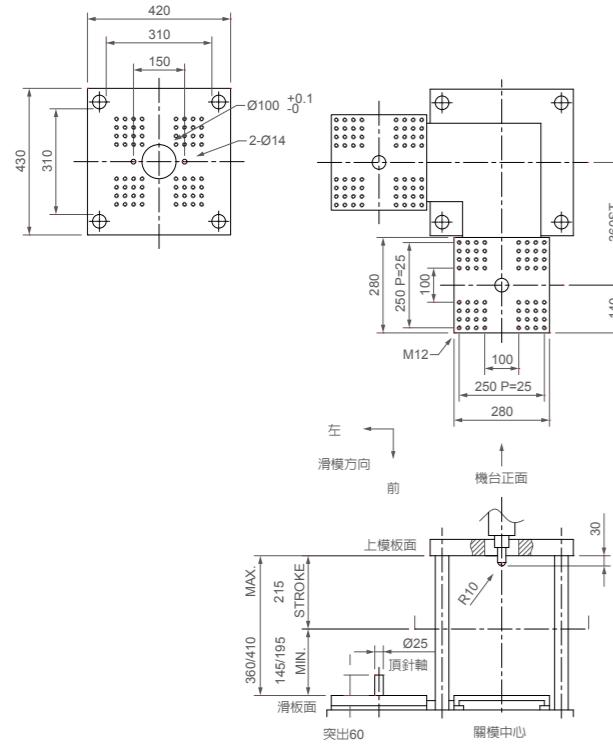
2S



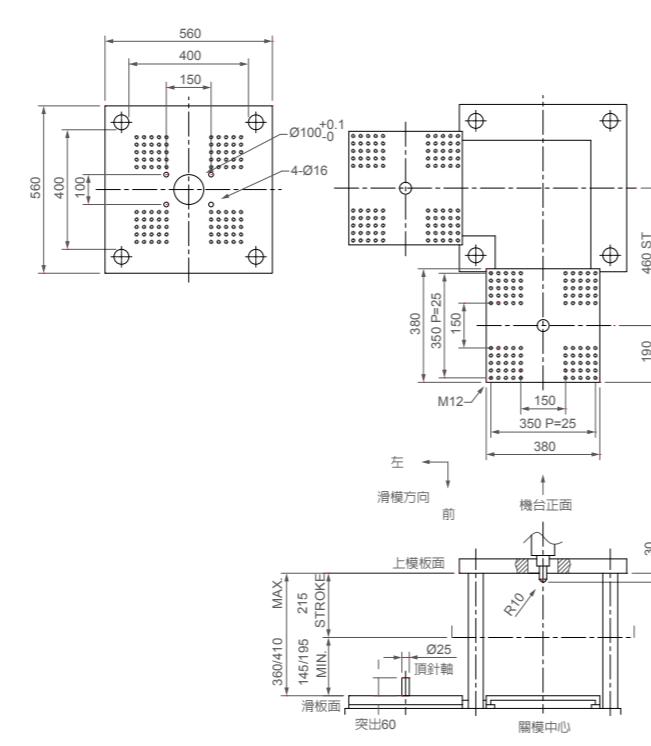
2SL



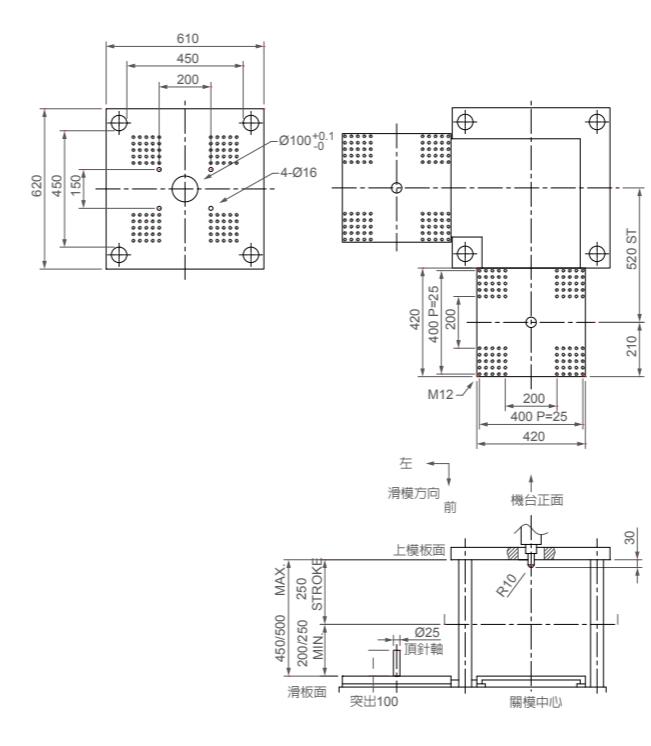
YQ-25-2SL



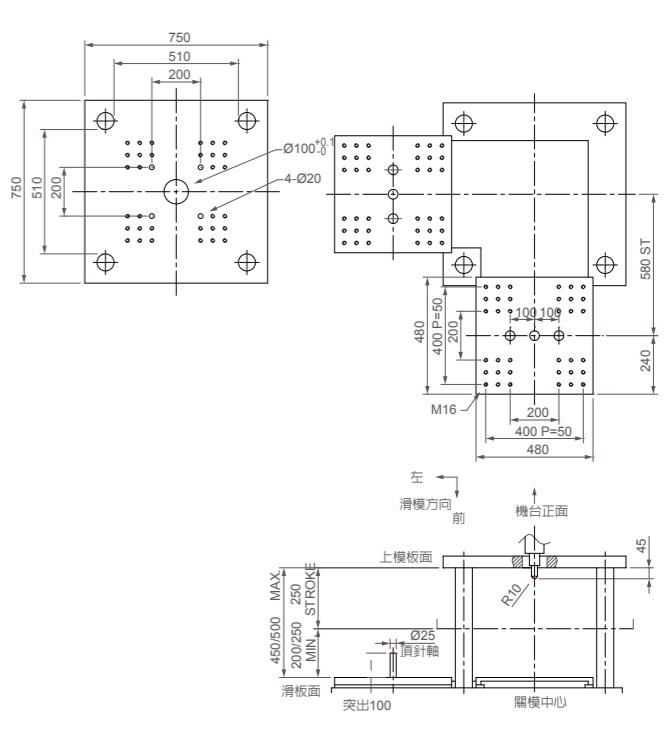
YQ-40-2SL



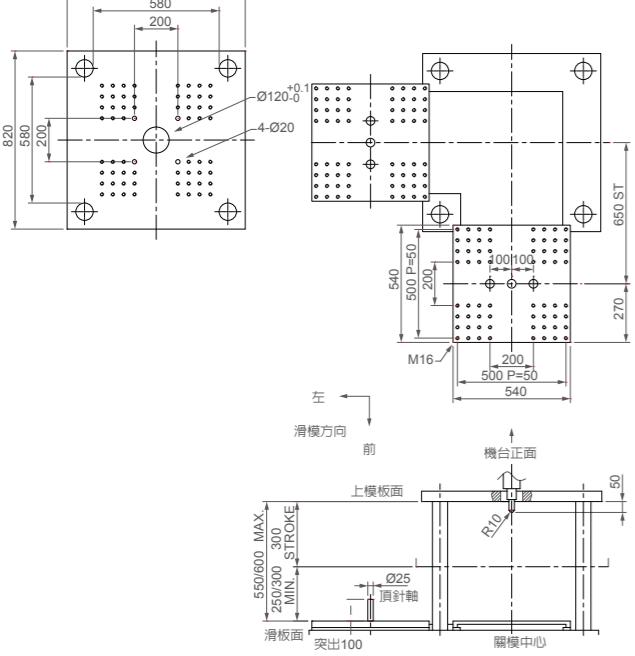
YQ-60-2SL



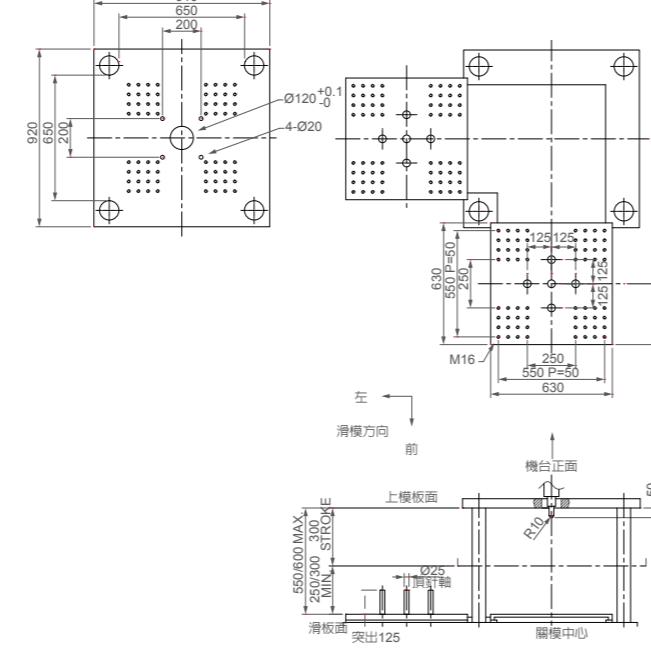
YQ-90-2SL



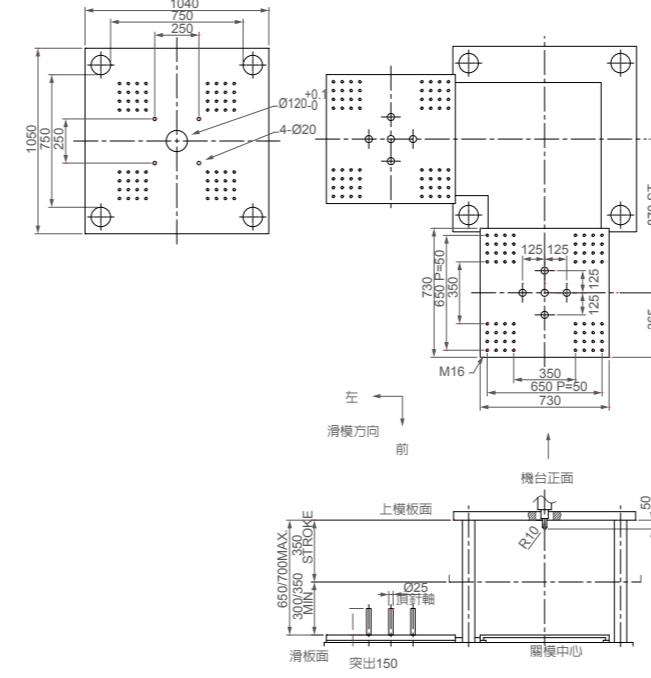
YQ-120-2SL



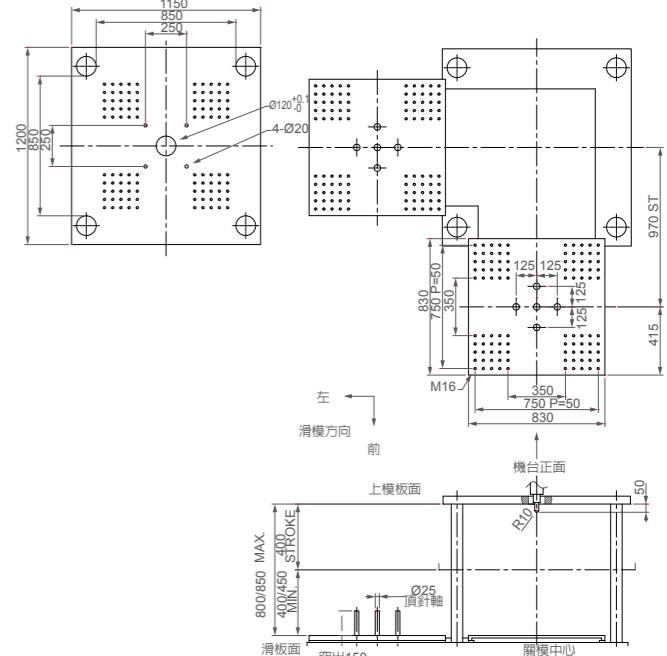
YQ-160-2SL



YQ-200-2SL



YQ-250-2SL



YT 立式關模臥式射出四柱系列

YT Vertical Clamping Horizontal Injection Four Columns Series

功能特點

- 固定模(V)及雙滑模(2S)，採立式四柱直壓鎖模，臥式(水平)射出。正方柱內間距機械結構性強固，可適更大鎖模力達500 ~ 800TON。
 - 標準圓盤為立式三柱直壓鎖模，臥式(水平射出)為兩站設計。
 - 有特殊需求，也可為四柱直壓鎖模，圓盤模站數3 ~ 4站。
 - 可以調整的射嘴水平高度，易於模具進料口的中心水平校正，讓模具的設計製作更方便。
 - 射出平穩有力，適合較大型嵌合件的成型加工，並配合特殊L/D長徑比的射出螺桿，更適用工程塑料。
 - 可擴充電腦程序與自動化的取出，嵌入設備等連線，可達全機全自動運轉。
 - 一雙滑模(2S) — (交替式雙滑模)，一模在注塑成型，一模在做取件與放嵌件的工作，作業安全性高，又可增加生產效能。
 - 一圓盤(R) — 在同一水平面做180° 來回交替旋轉。可讓操作者在固定操作面取料與放嵌件，工作方便。

Feature

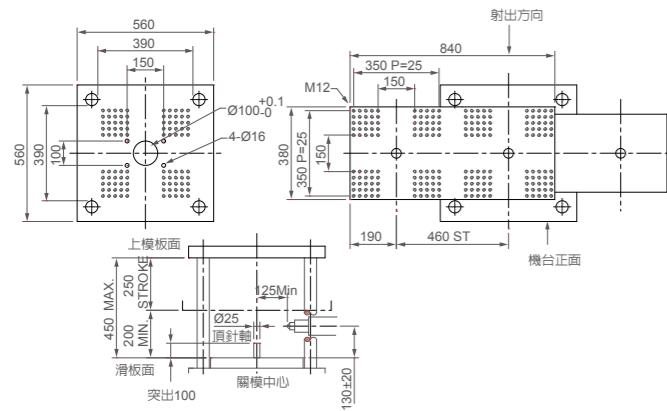
- Fixed mold (V) and the two sliding mold (2S) adopts four-column vertical pressure clamping for horizontal injection. Strong mechanical structure allows greater endurance for clamping force up to 500 ~ 800TON.
 - Standard disc is vertical 3-column vertical pressure clamping. The two station design is for horizontal injection.
 - With special needs, 4-columns vertical pressure clamping is available with the disc mold stations at 3 to 4.
 - The nozzle can be adjusted in height level, easily for center level correction of mold feed into make mold design more convenient.
 - Injection is smooth and powerful, suitable for forming larger fitting pieces. With a special L / D aspect ratio of the injection screw, it is more suitable for engineering plastics.
 - Scalable computer programs, automatically removing, embedded devices, and other connections allow fully automatic operation of the whole machine.
 - —Two slide mold (2S) — (alternating two slide mold): One mold is in injection molding and the other is outside for removing and placing mosaic pieces. Operation safety and production efficiency is high.
 - —Round disc (R) — alternatively rotating back and forth at 180 ° horizontally to allow users to operate in a fixed plane for retrieval and inserting pieces. This makes the work more convenient



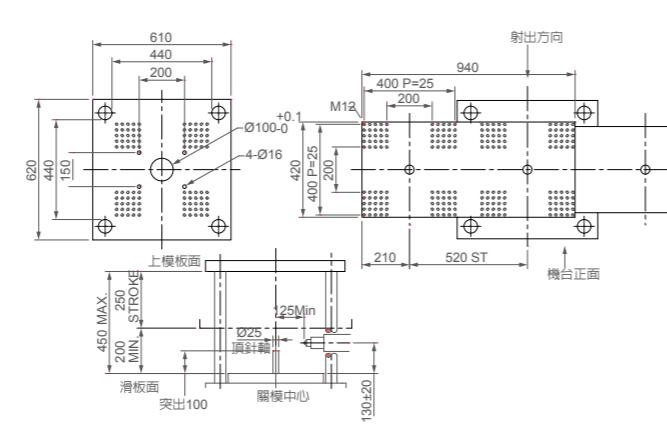
主要規格 Main Specification

型 號		MODEL			YT-60			YT-90			YT-120			YT-160			YT-200			YT-250			YT-350			
射 出 系 統	INJECTION UNIT			V	2S	3R	V	2S	3R	V	2S	3R	V	2S	3R	V	2S	3R	V	2S	3R	V	2S	3R		
螺 桿 直 徑	Screw Diameter	mm	32	40	34	42	38	50	42	55	46	60	55	65	60	70	60	70	65	70	65	70	60	70		
射 出 壓 力	Injection Pressure	kgf / cm ²	1914	1225	1931	1256	2079	1200	2000	1161	2034	1195	2082	1491	1749	1285	1749	1285	1491	1749	1285	1749	1285	1749		
理 論 射 出 容 積	Injection Capacity	cm ³	124	194	149	228	204	353	276	474	365	621	593	829	706	961	706	961	593	829	706	961	706	961		
最 大 射 出 重 量	Max. Injection Weight	gr	112	175	134	205	183	317	249	427	328	559	534	742	630	860	630	860	534	742	630	860	630	860		
		oz	3.9	6.1	4.7	7.2	6.4	11.1	8.7	15	11.5	19.7	18.8	26.2	22.1	30.2	22.1	30.2	18.8	26.2	22.1	30.2	22.1	30.2		
射 出 率	Injection Rate	cm ³ / sec	56	88	70	108	81	141	109	187	128	217	169	236	227	310	227	310	169	236	227	310	227	310		
鎖 模 系 統	CLAMPING UNIT																									
鎖 模 力	Clamping Force	tf	60		90		120		160		200		250		350		400		450		450		350			
鎖 模 行 程	Clamping Stroke	mm	250		250		300		300		350		400		450		450		450		450		450			
最 大 開 距	Max. Open Distance	mm	450		450		550		550		650		700		850		850		850		850		850			
最 小 模 厚	Min. Mold Height	mm	200		200		250		250		300		300		400		400		400		400		400			
柱 内 空 間	Dimension of Tie Bar (H x V)	mm	390 x 390		440 x 440		490 x 490		580 x 580		640 x 640		740 x 740		840 x 840		840 x 840		840 x 840		840 x 840		840 x 840			
頂 出 力	Hydraulic Ejector Force	tr	1.7		2.7		3.5		4.3		4.3		5.3		7.0		7.0		7.0		7.0		7.0			
頂出高度(模面)	Ejector Stroke	mm	100		100		125		125		125		150		150		150		150		150		150			
射嘴中心高度	Nozzle Center Height	mm	130±20		130±20		150±25		150±25		175±25		175±25		175±25		175±25		175±25		175±25		175±25			
模中心至射嘴距	From The Mold Center to The Nozzle	mm	min125		min125		min125		min150		min200		min200		min250		min250		min250		min250		min250			
滑 模 系 統 (2S)	SLIDE (2S)																									
滑 模 行 程	Slide Stroke	mm	460		520		580		650		750		870		970		970		970		970		970			
滑 模 尺 寸	Slide Dimension	mm	840 x 380		940 x 420		1060 x 480		1190 x 540		1380 x 630		1600 x 730		1800 x 830		1800 x 830		1800 x 830		1800 x 830		1800 x 830			
圓 盤 系 統 (VR)	ROTARY UNIT (VR)																									
圓 盤 直 徑	Rotary Diameter	mm	Φ 856		Φ 980		Φ 1172		Φ 1350		Φ 1550		Φ 1750		Φ 1750		Φ 1750		Φ 1750		Φ 1750		Φ 1750			
其 他	GENERAL																									
電 動 機	Drive Motor	kw (hp)	7.5 (10)	7.5+2.2 (10+3)		11.2 (15)	11.2+2.2 (15+3)		14.9 (20)	14.9+2.2 (20+3)		18.7 (25)	18.7+2.2 (25+3)		22.4 (30)	22.4+2.2 (30+3)		29.8 (40)	29.8+2.2 (40+3)		39.3 (50)	39.3+2.2 (50+3)		39.3+2.2 (50+3)		
電 热	Heater	kw	6		7.5		9.0		11.5		13.5		16		19		19		19		19		19			
油 箱 容 量	Oil Tank Capacity	L	250		300		350		400		450		500		600		600		600		600		600			
機 械 尺 寸	Dimension of Machine (L x W x H)	L (m)	3.2	3.2	3.5	3.7	3.7	4.1	4.1	4.1	4.5	4.5	4.5	4.9	4.9	4.9	5.3	5.3	5.5	5.8	5.3	5.5	5.8	5.3	5.5	5.8
		W (m)	1.1	1.6	1.2	1.2	1.9	1.3	1.3	2.1	1.5	1.4	2.3	1.7	1.5	2.6	1.9	1.7	2.8	2.3	1.7	2.8	2.3	1.7	2.8	2.3
		H (m)	3.0	3.2	3.3	3.1	3.3	3.4	3.3	3.5	3.6	3.5	3.7	3.8	3.7	3.9	4.0	4.1	4.2	4.3	4.1	4.2	4.3	4.1	4.2	4.3
機 械 重 量	Weight of Machine	t	4.9	6.0	7.5	7.0	8.0	9.5	8.5	10	12	10	11.5	13.0	12	14	16	16	17	19	17	19	17	19	17	19

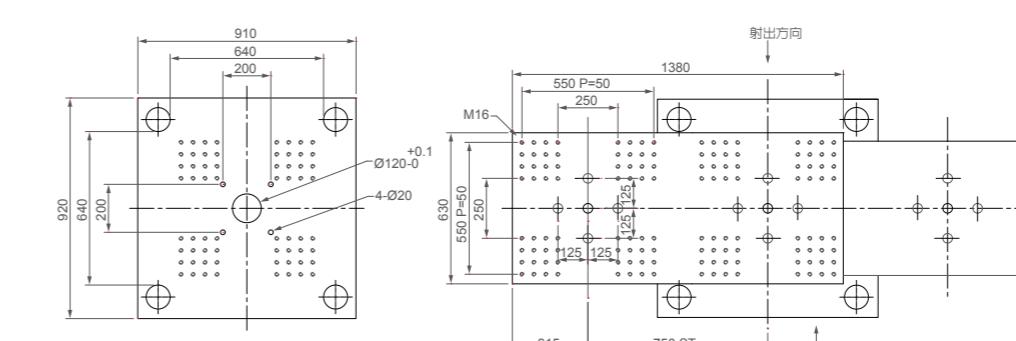
YT-60-2S



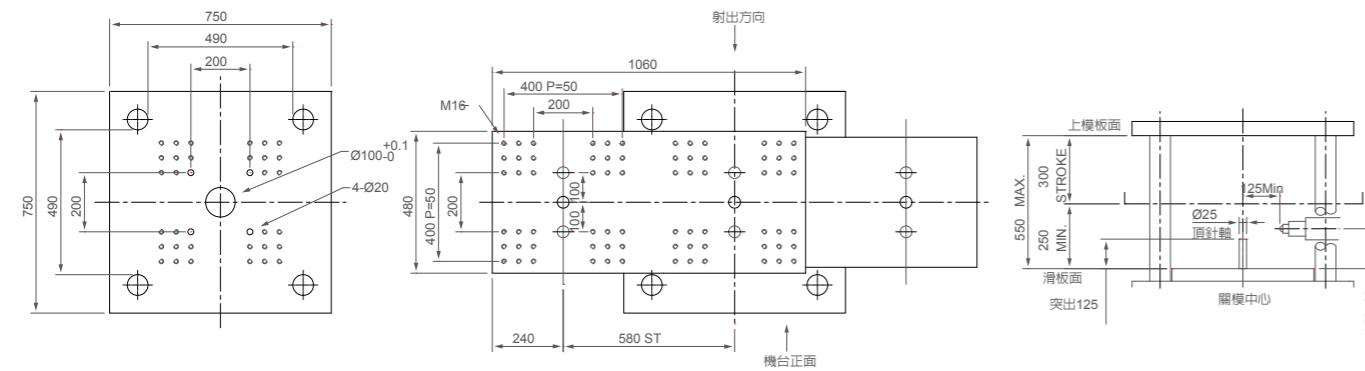
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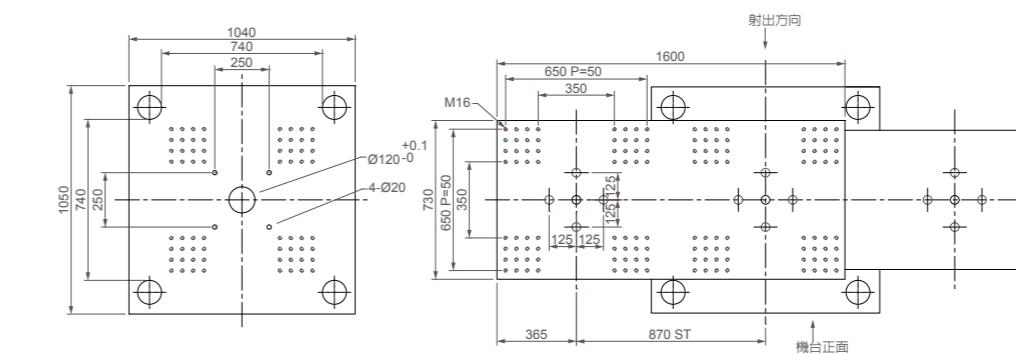
YT-200-2S



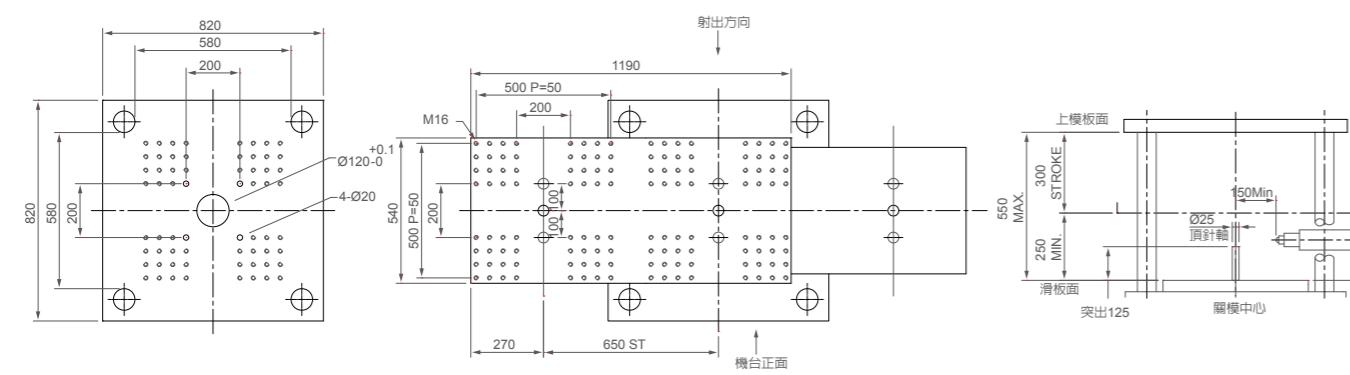
YT-120-2S



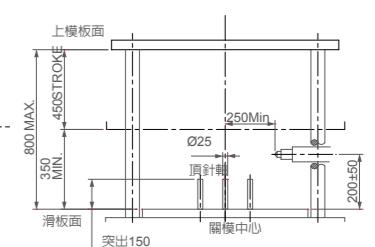
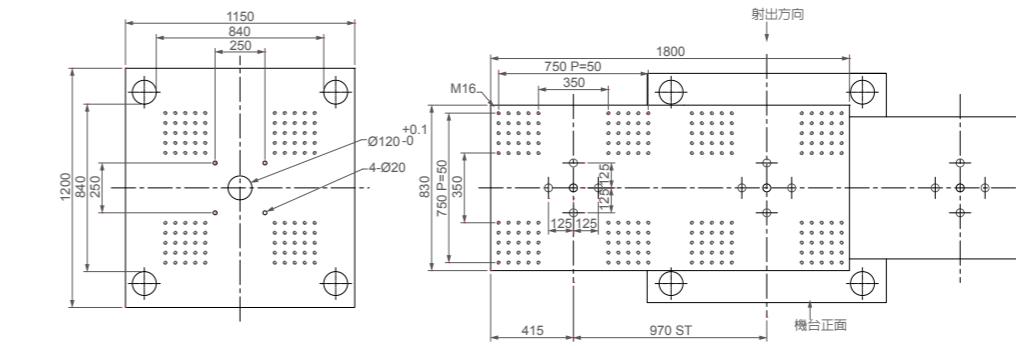
YT-250-2S



YT-160-2S



YT-350-2S



YD 系列 YD SERIES

立式關模立式射出四柱雙射圓盤系列

Vertical Clamping Vertical Injection Two Colors Four Columns Series

功能特點

A. 標準雙色

採四柱立式鎖模，並在上模板有2個獨立的立式射出單元（獨立的射出液壓油路）外加圓盤所組合的雙色射出機。
 • 鎖模力為90TON ~ 500TON，採用電腦控制，特別配置的液壓系統，更適合生產一般或特殊的雙色（雙物料）的射出成型。
 • 上模板配置二個上模具，圓盤上配置三個下模具，成型時，圓盤120°逆時鐘旋轉，即可完成雙色（雙物料）的射出成型或包覆成型。
 • 高效率的圓盤，中間有水套裝置，可供下模具的冷卻運水。
 • 可擴充電腦程序及特別的多站式圓盤（即二上模，四下模），並可在此二下模具加裝自動化的嵌入與取出裝置，即可達到全機的自動化作業，增加生產效能。

B. 其他雙色

- 型1：在原有射出機的上模板，另加裝一組獨立的直立“射出單元”所組合的雙色射出機。
- 例：YH/YR/YC機型+直立射出。
- 型2：在原有射出機上，再加裝一組或多組獨立的臥式（水平）射出單元，所組合的雙色射出機。
- 例：YH/YR機型+臥式（水平射出）。
- 型3：由兩種機型並合，共用一個“圓盤”所組合的雙色射出機。
- 例：a.YH機型+YT機型+圓盤（2站~4站）
 b.YH機型+YH機型+圓盤（2站~4站）

Features

A. Standard double injection

Vertical 4-columns direct-pressure clamping. In the upper mold plate, two separate vertical injection units are installed (separate injection hydraulic oil route) with the addition of round disc for this double injection machine.

- Clamping force is 90-500TON. Computerized and exclusively configured hydraulic system is used, which is more suitable for the production of general products (or special double-material) injection molding.
- Two molds are installed on the upper mold plate while three lower molds are installed on the disc. When molding, the disc rotates alternatively at 120° to complete the two-color (two-material) injection molding or overmolding.
- Highly efficient disc with water jacket device in the middle for cooling of the lower mold.
- Expandable computer programs and special multi-station disc (i.e. two upper molds and four lower molds). In the two lower modes, automated embedding and removing devices can be installed optionally to achieve automation of the whole machine work and increase production efficiency.

B. Other double injection machine:

- Type 1: A set of independent vertical “injection units” is added onto the upper mold plate of the original injection machine to form a double injection machine.
- Example: YH / YR / YC models + vertical injection.
- Type 2: On the original injection machine, one or more sets of independent horizontal (level) injection units is combined to form a double injection machine.
- Example: YH / YR models + horizontal injection
- Type 3: The two-color injection molding machine is combined to form a double injection machine by sharing a common disc.
- Example:
 - a. YH model + YT model + disc (2~4 stations)
 - b. YH model + YH model + disc (2~4 stations)



主要規格 Main Specification

型 號	MODEL		YD-90-4R3	YD-120-4R3	YD-160-4R3	YD-200-4R3	YD-250-4R3	YD-350-4R3	YD-500-4R3			
射 出 裝 置 選 項	Injection Unit Option	Size	I	II	I	II	I	II	I	II	I	II
鎖 模 系 統	CLAMPING UNIT	NO	A.B	A.B	A.B.C	A.B.C	B.C.D	B.C.D	B.C.D.E	B.C.D.E	C.D.E.F	C.D.E.F
鎖 模 力												
最 小 模 厚	Min. Mold Height	mm	200	250	250	300	300	300	300	300	350	350
鎖 模 行 程	Clamping Stroke	mm	250	300	300	300	300	300	350	400	500	500
最 大 空 間	Max. Open Distance	mm	450	550	550	600	600	650	750	850		
圓 盤 直 徑	Rotary Diameter	mm	Φ 856	Φ 980	Φ 1172	Φ 1172	Φ 1350	Φ 1550	Φ 1750			
頂 出 力	Hydraulic Ejector Force	tf	2.7	2.7	2.7	3.3	3.3	5.4	5.4			
頂 出 高 度	Ejector Stroke	mm	100	100	100	100	130	150	150			
其 他												
電 動 馬 達	Driver Motor	Kw (hp)	14.9 (20)	18.7 (25)	29.8 (40)	37.3 (50)	44.8 (60)	52.2 (70)	74.6 (100)			
油 箱 容 量	Oil Tank Capacity	l	300	380	560	660	840	1020	1250			
機 械 尺 寸	Dimension of Machine (L x W x H)	m	1.9 x 1.6 x 3.2	2.3 x 1.9 x 3.7	2.5 x 2.0 x 3.9	2.7 x 2.0 x 4.3	2.9 x 2.4 x 4.5	3.5 x 2.9 x 5.0	4.5 x 3.2 x 5.8			
機 械 重 量	Weight of Machine	ton	4.5	8.0	10.6	12.4	15.3	23.6	31.2			

型 號	MODEL Unit												
射 出 系 統	INJECTION UNIT (可選配)		A	B	C	D	E	F	G	H	I		
螺 桿 直 徑	Screw Diameter	mm	Φ 20	Φ 26	Φ 26	Φ 32	Φ 28	Φ 36	Φ 32	Φ 40	Φ 34	Φ 42	
射 料 壓 力	Injection Pressure	kgf / cm ²	1714	1014	1988	1312	2008	1215	1914	1225	1931	1265	2079
理 論 射 出 容 積	Injection Capacity	cm ³	25	42	55	84	83	137	124	194	149	228	204
最 大 射 出 重 量	Max. Injection Weight (P.S.)	gr	22	38	50	75	74	123	112	175	134	205	183
		oz	0.77	1.33	1.7	2.6	2.6	4.3	3.9	6.1	4.7	7.2	6.4
射 出 率	Injection Rate	cc / s	30	52	35	52	47	78	56	88	70	108	81
螺 桿 回 轉 數	Screw Speed	r.p.m	0 ~ 150	0 ~ 155	0 ~ 165	0 ~ 160	0 ~ 160	0 ~ 150	0 ~ 150	0 ~ 150	0 ~ 150	0 ~ 150	0 ~ 150
電 熱	Heater	kw	2.0 x 2	3.5 x 2	4.5 x 2	6.0 x 2	7.5 x 2	9.0 x 2	11 x 2	13 x 2	13 x 2	15 x 2	

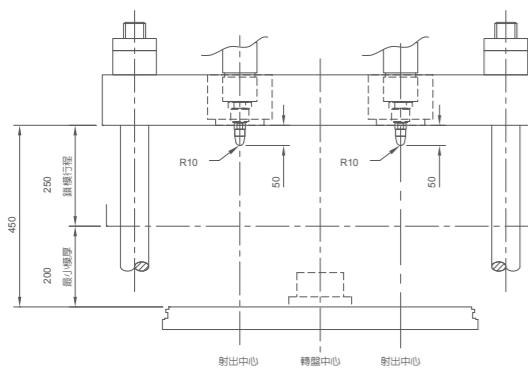
* 規格若修改，恕不另行通知。* 螺桿及鎖模力可選擇使用。* Figures shown herein are subject to change without notice. *Screw and clamping force can be set as customer's request.

YD 系列 YD SERIES

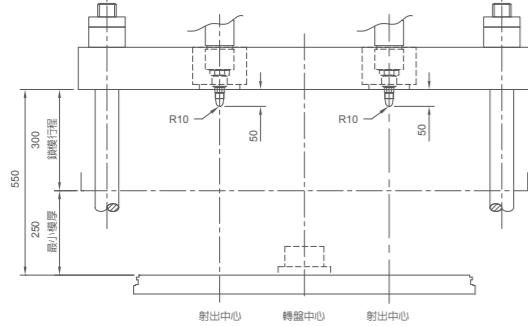
模板尺寸圖

Series Template Size

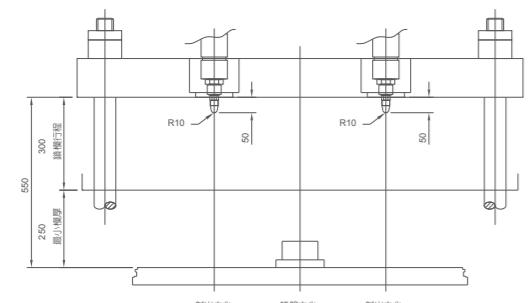
YD-90-4R3



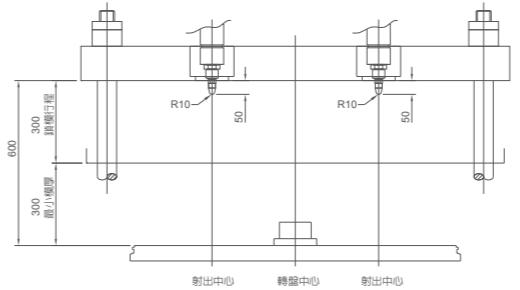
YD-120-4R3



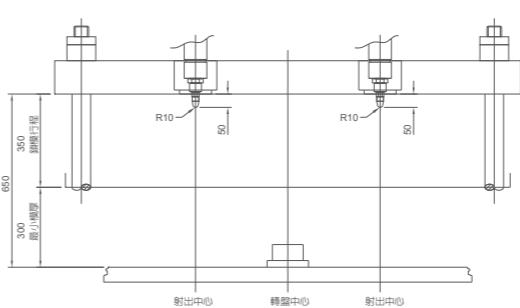
YD-160-4R3



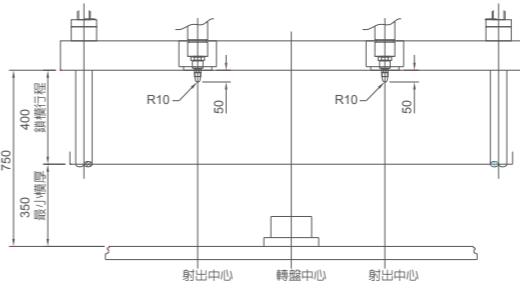
YD-200-4R3



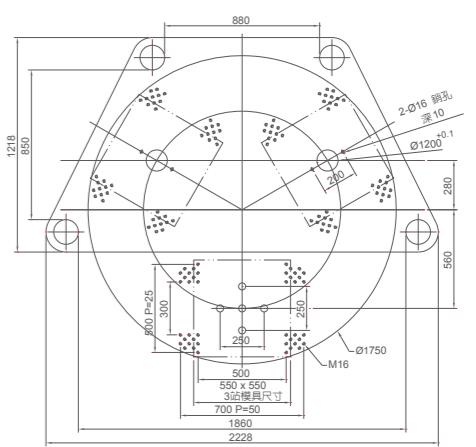
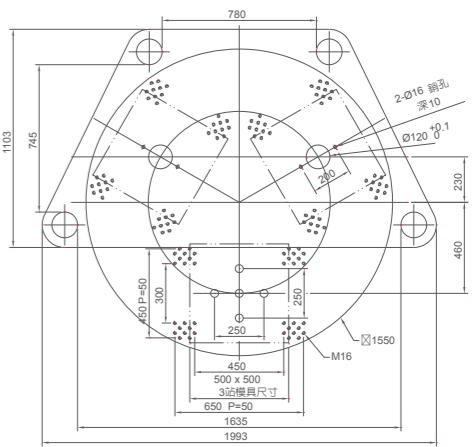
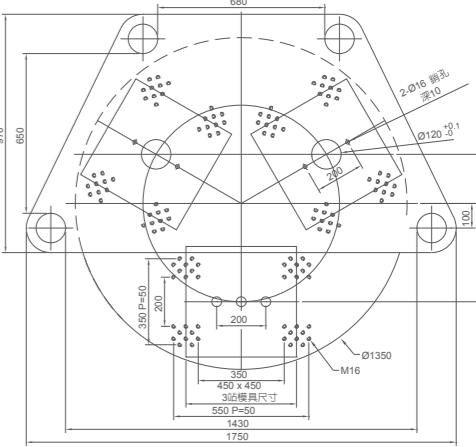
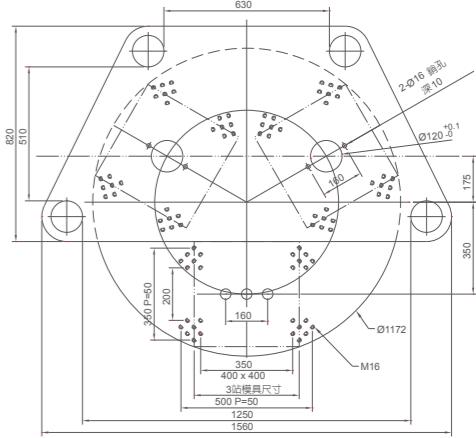
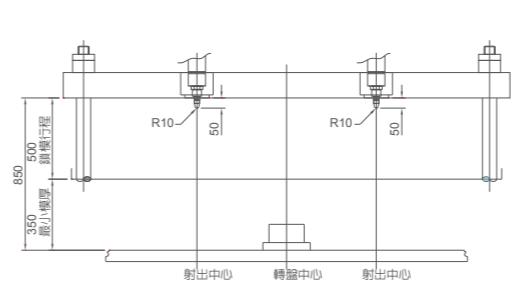
YD-250-4R3



YD-350-4R3



YD-500-4R3



Y-V 系列 Y-V SERIES

線材專用機 Wire / Plug Machine

功能特點

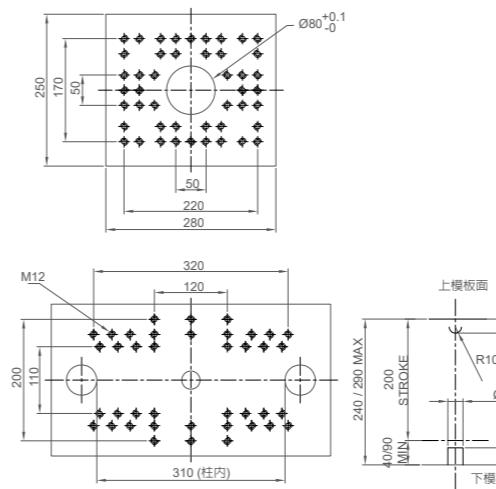
- Y系列射出機立式鎖模/立式注射，適用一般電器插頭，電子零件等小型嵌件成型，是PVC塑料專用機種。
- 二(三段)溫度控制/射出速度/背壓等無段調整，更適合精密塑膠之零件成型。
- 快速鎖模/低壓慢速關模，鎖模異常時則自動緊急開模，此特別的安全設計，對模具等能起保護作用。
- 下模固定/上模活動式，對成型的嵌件在模具內有很好的定位性，成品有液壓頂出裝置，成品取出非常方便容易。
- 電控配件/液壓配件採用國產名牌，精密耐用運轉噪音低。鎖模力15~25TON，有PLC編程電控電腦單比壓控制或電腦全比例(比壓比流)控制三種，可供客戶選擇。
- 可追加單滑模1S與雙滑模2S，讓操作更方便生產效率更高且更安全。

主要規格 Main Specification

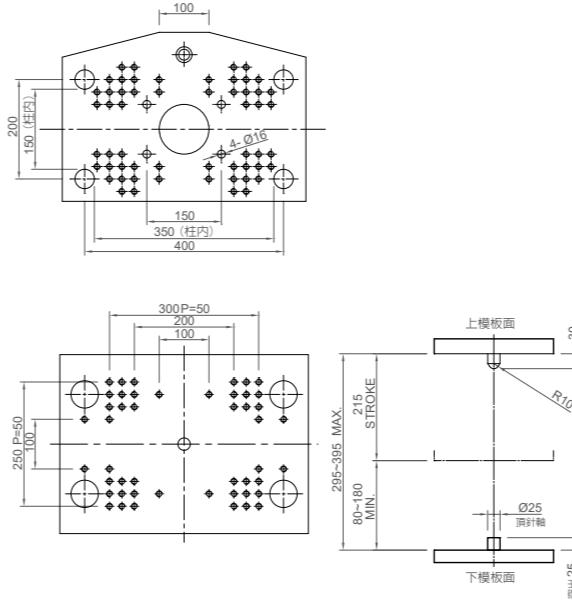
型 號	MODEL	Y-15	Y-20	Y-25				
射 出 系 統	INJECTION UNIT	V	V	V				
螺 桿 直 徑	Screw Diameter	mm	22	26	24	28	30	34
射 出 壓 力	Injection Pressure	kgf / cm ²	1417	1015	1556	1143	1493	1163
理 論 射 出 容 積	Injection Capacity	cm ³	36	50	50	68	85	109
最 大 射 出 重 量	Max. Injection Weight(PVC) 比重 1.35	gr	44	60	60	82	103	132
最 大 射 出 重 量	Max. Injection Weight(PVC) 比重 1.35	oz	1.5	2.1	2.1	2.9	3.6	4.7
射 出 率	Injection Rate	cm ³ / sec	36	50	41	55	56	72
鎖 模 系 統	CLAMPING UNIT							
鎖 模 力	Clamping Force	tf	15	20	25			
鎖 模 行 程	Clamping Stroke	mm	200	215	215			
最 大 開 距	Max. Open Distance	mm	240	295~395	315~415			
最 小 模 厚	Min. Mold Height	mm	40	80~180	100~200			
柱 內 空 間	Dimension of Tie Bar (HxV)	mm	310 二柱式	350 x 150	450 x 150			
頂 出 力	Hydraulic Ejector Force	tf	0.7	0.7	0.7			
頂 出 高 度 (模 面)	Ejector Height	mm	28	28	28			
其 他	OTHER							
電 動 機	Drive Motor	kW (hp)	2.2 (3hp)	3.7 (5)	5.5 (7.5)			
電 熱	Heater	kW	2	2.3	2.5			
油 箱 容 量	Oil Tank Capacity	L	90	95	105			
機 械 尺 寸	Dimension of Machine (L x W x H)	L (m)	1.2	1.3	1.4			
		W (m)	1.2	1.2	1.2			
		H (m)	2.4	2.9	3.1			
機 械 重 量	Weight of Machine	T	0.7	0.8	1.0			

模板尺寸圖 Series Template Size

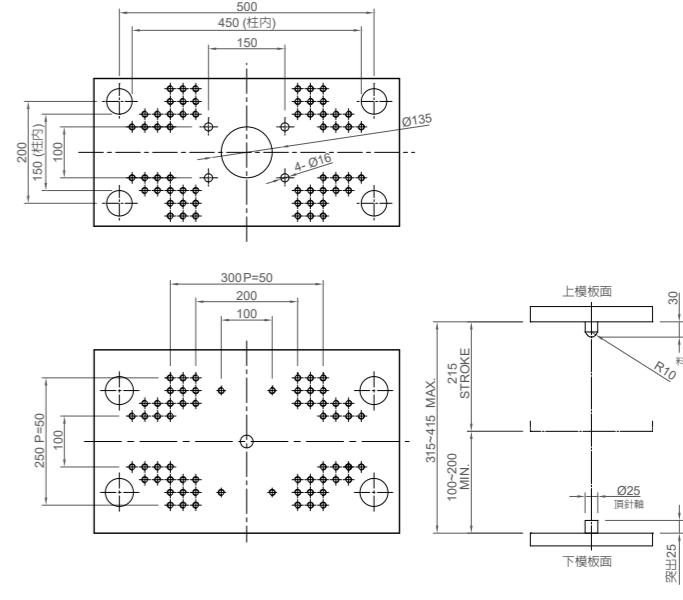
Y-15-V



Y-20-V



Y-25-V



標準配件 STANDARD COMPONENTS

標準配備

- 直壓式合模、低壓保護裝置
- 螺桿射出 (一般開回路射出)
- 多段料管溫度控制 (4 段)
- 機械式背壓控制
- 冷卻系統
- 雙扣安全裝置
- 油壓頂出裝置
- 緊急停止安全開關
- 工具／說明書
- 安全門裝置
- 安全光柵

機構方面：(選購品)

- 油壓式防漏料嘴／彈簧料嘴 (內外式彈簧)
- 中子／鉸牙用油路電路裝置
- 雙合金耐磨耗料管
- 電木料管
- 高混煉及特殊材料用螺杆與料管設計
- 陶瓷式電熱片
- 上下模溫預留裝置
- 上模頂針裝置
- 吹氣裝置
- 圓盤機：內頂針裝置
- 雙滑機：中頂針裝置
- 量身訂做特殊機專案

周邊附屬設備：(代購品)

- 1-4 級保護之安全電眼裝置
- 電腦連線裝置
- 射出曲線顯示裝置 (閉回路控制)
- 列表機 (點針式) 與列表機介面板裝置
- 油溫過高斷電裝置
- 料管溫度預熱功能裝置
- 頂針 / 座進系統用位置尺
- 頂針壓力流量電腦內部控制
- 料嘴自動恆溫裝置
- 自動警報裝置
- 過電流過熱過載保護裝置
- 電腦外部記憶裝置卡選購
- 追加 8 段以上溫度控制時選購
- SPC 品管檢測

周邊附屬設備：(代購品)

- 乾燥機／吸料機
- 粉碎機
- 模溫機
- 機械手
- 電熱片保溫隔熱石棉
- 液壓油

STANDARD ACCESSORIES

- Direct pressure mold, low pressure protection device
- Screw injection (General open-loop injection)
- Multi-stage temperature control of Barrel (3-5 stages)
- Mechanical back-pressure control
- Cooling system
- Double-push-button safety device
- Hydraulic ejector
- Emergency-stop safety switch
- Tools / Manual
- Safety door device
- Safety light curtain

MECHANISM : (OPTIONAL)

- Shut off nozzle
- Core pull / Unscrewing
- Wear-resistant barrel with double alloy
- Bakelite barrel
- Highly refined mixing and special screws and Barrel design
- Ceramic-type electric heating sheet
- Reserve installation for upper & lower molds
- Upper mold ejector device
- Air ejector
- Disc drive: inner ejector
- Dual sliding machine: Middle ejector
- Custom-made special machine project

PERIPHERAL INSTALLATION : (PURCHASED ITEMS)

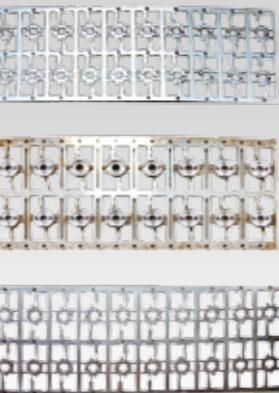
- Grade 1-4 protective electric eye safety devices
- Computer networks devices
- Injection curve display device (closed-loop control)
- Printer (point) and a printer interface board device
- Excess high temperature breaker
- Temperature pre-heat function device
- Position scale design for Ejector system / Nozzle system
- Ejector pressure / Flow control by system
- Auto thermostat for nozzle
- Automatic alarm device
- Over-current & overheating overload protection device
- Optional purchase of computer external memory device card
- Optional purchase of extra over 8-stage temperature control
- SPC quality control testing

PERIPHERAL AUXILIARY EQUIPMENT : (PURCHASED ITEMS)

- Hopper dryer / Auto loader
- Gramulator
- Mold temperature controller
- Robot
- Electric heater constant temperature insulation asbestos
- Hydraulic oil

樣品專欄

SAMPLE COLUMN



High-Speed Injection



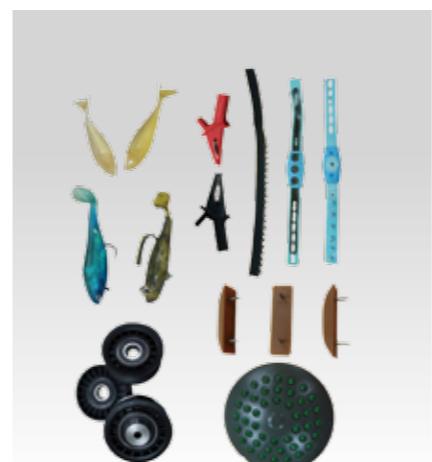
Consumer Electronics



Double Injection



Bakelite & LCP



Hardware & Household Items

Other

Medical

機種補助概述

MACHINE SUPPLEMENT OVERVIEW



無柱式 - 雙射機
Non-post double injection machine
雙色一次成型，三面空間更便於嵌入及取出的自動化設備安裝。
Double color injection.
Three-side open space makes removing and insert of automation equipment easier.



立式電動射出機
Vertical electrical injection molding machine
可生產發光二極體支架，連接器、3C電子產品、生技、醫療。
The light-emitting diode produce stand, connectors, 3C electronic products, biotechnology products, and medical products can be made.



鐵粉成型機
Iron powder molding machine
合模壓力穩定，生產效率高。
Clamping pressure is stable and production efficiency is high.



拉鍊機
Zipper machine
自動送帶、收帶上下一次為一次成型。
Automatic strap feeding and take-up for one-time injection.



插頭專用機
Plug making machine
適用一般電器插頭、電子零件等小型嵌件成型。
Suitable for general electrical plugs, electronic components, and other small embedded pieces of molding.



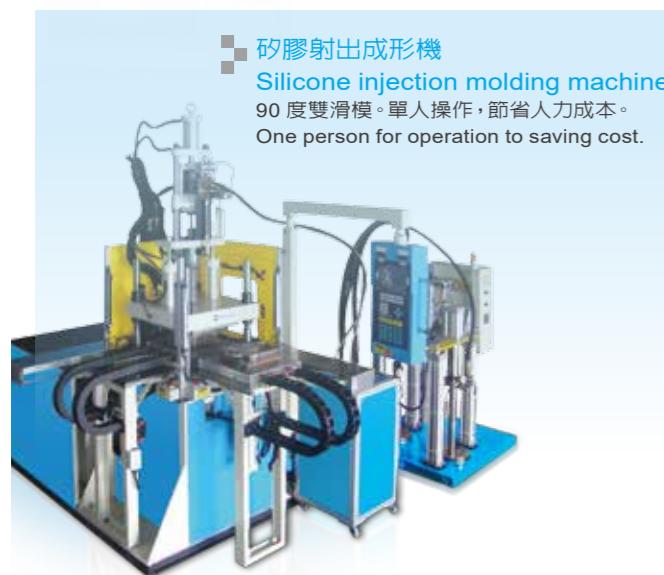
無柱式 - L 型 16 站圓盤機
16-station disc machine
配合客戶開發圓盤站數，轉盤定位精準。
The number of stations is developed according to customers' needs with precise disc positioning.



鞋底專用機
Sole making machine
立式鎖模臥式射出，單滑板型式，讓操作者作業更方便。
Vertical clamping, horizontal injection, and single-sliding which allows the operator to work more convenient.



無柱式 - C 型圓盤機
C Type/ Tie-barless Rotary Table
C型結構體，變形量小。嵌入零件方便
C-type structure, the deformation is small. Easier for insert molding.



矽膠射出成形機
Silicone injection molding machine
90 度雙滑模。單人操作，節省人力成本。
One person for operation to saving cost.



雙射機 Double injection machine
矽膠 & 塑膠雙射出系統，一次滿足兩種需求。
Silicone and plastic double injection system Satisfy two requirements in once



四站圓盤雙機雙射
Four station disc dual machine injection
兩獨立射出系統，搭配轉盤，可做雙物件產品的一體成型。
Two independent injection systems with turntable to allow double injection.



汽車玻璃包邊成型機
Car hemming machine
立式鎖模，臥式射出，且機柱間距大，結構強固，大型模具拆裝方便。
Vertical clamping, horizontal injection, and large spaces between posts with strong structure. Easy to disassemble large molds.