



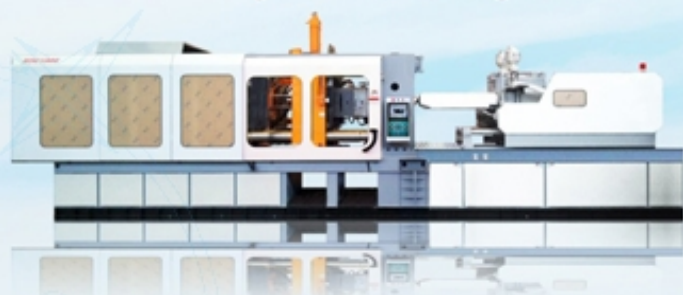
華嶸精密機械股份有限公司
HUARONG PLASTIC MACHINERY CO., LTD.

Taiwan
Excellent Injection Molding Machine

HDC

雙色射出成型機

HDC CO
Injection Molding Machine



Polaris



Certificate No: AJA81/3324

華嶸能滿足您一切所需
Your production fulfilled is our promise!
Huarong motivate both to be worth.

HDC 雙色射出成型機

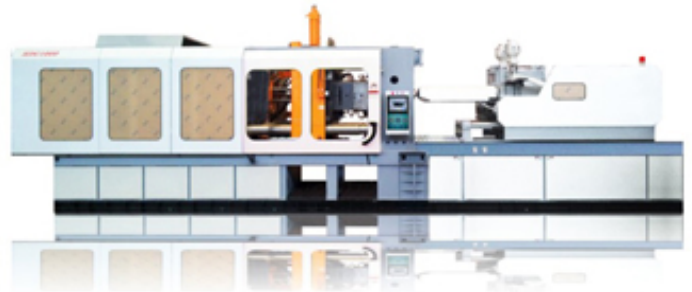
HDC CO
Injection Molding Machine

高速精密、穩定度高

High Precise and Stable

HDC雙色射出成型機，可配合客戶需求做機構設計的變更及程式的改寫，彈性大，擴充性佳。

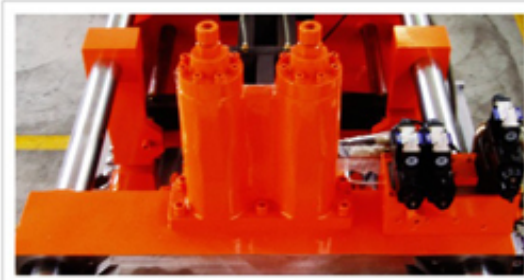
Program could be modified according to customers' demand, which is flexible and expandable.



專利 Patented

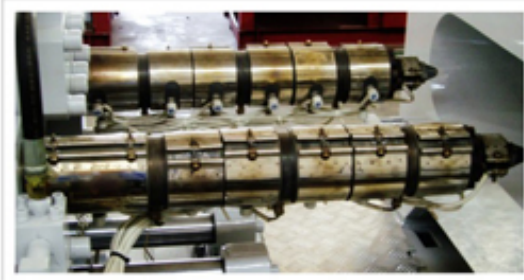
新型第M391464號 射出成型機轉盤結構

Patented #M391464, "Rotation Table Structure of Injection Molding Machine"



轉盤轉動不與活動車壁接觸摩擦轉動，轉盤機械、電器、油壓三重定位確認，模具受到高度保護，正反轉定位百分百。

Rotation Table will not create any friction to the movable platen, which mechanical, electric and hydraulic triple position confirmation will protect the mold. Position confirmation either for positive and negative rotation is 100% confirmed.



射出機構獨立兩組料管，可同步射出成型動作，雙色成型，縮短成型週期。

2 independent screw barrel sets for synchronous injection for double color to reduce the cycle time.

雙色應用產品 2 Component Application



HDC 射出成型機規格表

HDC Co Series Specification

項目	機型 Model		HDC140H	HDC140	HDC160S	HDC160	HDC200SS	HDC200S	HDC200
	Item	Unit							
射出裝置 Injection Unit	螺桿直徑 Screw Dimension	mm	22x2	28x2	26x2	34x2	26x2	34x2	38x2
	射出壓力 Injection Pressure	kg/cm ²	2545x2	2145x2	2489x2	1800x2	2489x2	1800x2	1745x2
	射出容積 Shot Volume	cm ³	53x2	86x2	74x2	145x2	74x2	145x2	204x2
	射出重量 Shot Weight (PS)	g	48x2	78x2	67x2	132x2	67x2	132x2	185x2
	射出重量 Shot Weight (PS)	oz	1.71x2	2.76x2	2.36x2	4.65x2	2.36x2	4.65x2	6.54x2
	射出率 Injection Rate	cm ³ /sec	53x2	63x2	61x2	83.9x2	82x2	113x2	116x2
夾模裝置 Clamping Unit	鎖模力 Clamping Force	Tons	140		160		200		
	大柱間距 Tie Bar Distance(HxV)	mm	640x355		730x405		820x455		
	開模行程 Opening Stroke	mm	335		395		425		
	模厚範圍 Mold Thickness	mm	110-400		110-400		130-480		
	模版尺寸 Mold Platen (HxV)	mm	815x530		920x595		1040x670		
	頂出行程 Ejector Stroke	mm	70		80		95		
	模孔尺寸 Mold Hole	mm	100		100		100		
	旋轉盤直徑 Rotation Plate Diameter	mm	700		800		900		
	料管間距 Distance Between Barrel	mm	350		400		450		
電機與其他裝置 Others	模孔最小間距 Min Distance Between Molds	mm	70		80		80		
	電機馬達 Pump Motor	HP	25		30		40		
	溫控段數 Number of Heating Zones	Zones	4x2		4x2		4x2		
	電熱容量 Total Heating Wattage	kW	4.3x2	5.03x2	5.03x2	5.95x2	5.03x2	5.95x2	6.9x2
	系統壓力 System Pressure	kg/cm ²	140		140		140		
	油箱容量 Oil Capacity	L	280		340		470		
	機械尺寸 Machine Dimension (LxWxH)	m	4.7x1.5x1.9		5.2x1.6x1.95		5.9x1.8x2.0		
	機械重量 Machine Weight	Tons	5.3	5.5	7.6	8	9.7	10.1	10.5

電腦控制系統 Computer Controller System

Windows CE 控制系統、高速啟動、自動化人機界面 Windows CE System, Speedy start up, Automation



控制畫面 Controller Display



FT-1210 Series 管理型

12.1吋觸控螢幕，並擁有網路服務、生產管理與統計報表等特性。
12.1 inch touch screen; supplied with online service, production management, statistic chart and others.

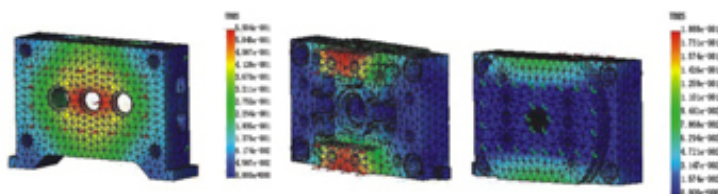
FT-1210G Advanced 進階型

除擁有管理型條件外，並擁有支援無線網路、遠端遙控、英簡繁手寫輸入、模內視訊良品品檢等特性。
Besides these qualities, it also supports wifi, remote access, english and simplified/traditional chinese handwriting recognition, inbuilt webcam and others.

車壁受力分析 Platen Stress analysis

夾模系統經CAE變形量及應力分析，確保高強度機構，大柱間距大，開模行程長。

Deformation and stress for Clamping system analyzed by CAE to ensure the structure strength ,larger the tie bar distance and longer opening stroke.



※本產品持續研發改進，規格之變更恕不另行通知。

※Huarong is subject to modify the specification without pre- notify because of continuous improvement.

HDC300SS	HDC300S	HDC300	HDC500S	HDC500	HDC750S	HDC750	HDC1000S	HDC1000	HDC1320
34x2	38x2	44x2	44x2	55x2	55x2	60x2	60x2	70x2	75x2
1800x2	1745x2	1721x2	1721x2	1943x2	1943x2	2102x2	2102x2	2044x2	1781x2
145x2	204x2	304x2	304x2	665x2	665x2	933x2	933x2	1539x2	1766x2
132x2	185x2	276x2	276x2	605x2	605x2	849x2	849x2	1400x2	1589x2
4.65x2	6.54x2	9.74x2	9.74x2	21.3x2	21.3x2	29.9x2	29.9x2	49.3x2	56x2
126x2	130x2	132x2	235x2	208x2	263x2	243x2	289x2	297x2	414x2
300			500		750		1000		1320
910x505			1100x610		1310x780		1640x910		1760x1060
485			736		925		1025		1305
130-520			200-700		300-900		350-1300		450-1500
1145x740			1440x950		1750x1220		2120x1390		2350x1650
105			130		190		225		260
100			120		150		150		200
1010			1240		1510		1870		2040
500			600		700		710		1000
80			80		80		100		100
50			40+40		50+50		60+60		75+75
4x2			4x2	5x2	5x2		5x2		5x2
5.95x2	6.9x2	9x2	9x2	14.6x2	14.6x2	18.6x2	18.6x2	23x2	23x2
140			140		140		140		140
580			900		1100		1350		1600
6.8x2x2.1			8.8x2.2x2.3		10.5x2.9x2.9		12x3.4x3.4		13x3.7x3.9
13	13.5	14	22.5	24	41	42	51	53	73

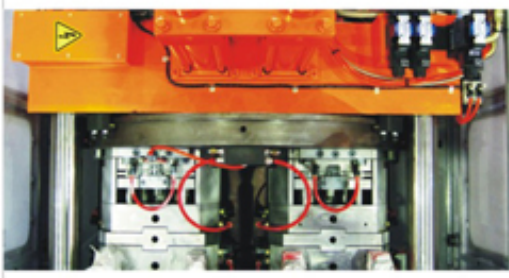
機台配備 Standard Accessories

- 01.HDC140附25kg料桶×2
HDC160S附25kg料桶×2
HDC200SS附25kg料桶×2
HDC160-500、HDC750S附50kg料桶×2
HDC750-1320附100kg料桶×2
- 02.避震腳
- 03.中子(單)
- 04.水分流器
- 05.長射嘴2pcs
- 06.射嘴電熱2pcs
- 07.感溫線：短頭式M6，扣環式Φ8各2pcs
- 08.各式保險絲各2pcs
- 09.單桿滑輪組(140TONs~200TONs)
- 10.模具夾鐵組二台份
- 11.標準配件工具箱，油電回路圖
- 12.SSR附加2pcs

- 01.HDC140: 25kg Hopper Dryer ×2
HDC160S: 25kg Hopper Dryer ×2
HDC200SS: 25kg Hopper Dryer ×2
HDC160~500, HDC750S: 50kg Hopper Dryer ×2
HDC750~1320: 100kg Hopper Dryer ×2
- 02.Anti-Vibration Pad
- 03.Core Pull (single)
- 04.Water Manifold
- 05.Long Nozzle : 2pcs
- 06.Heater for Nozzle : 2pcs
- 07.Thermocouple : short-M6 , hook-upΦ8 : 2pcs per each
- 08.Fuse : 2pcs per each
- 09.Mold Hanger : 1st: (140Tons-200Tons)
- 10.Mold Clip : 2 set
- 11.Tool Box with Oil/Electric Circuit Diagram
- 12.SSR : 2pcs

機台配置

Machine Layout



專利轉盤在模具交換或開關模時，模具可精準定位，使模具與車壁貼緊度更為良好。專利設計可防止模具下墜，減少模具下墜的機會。

When the molds exchange or switch, the patented rotating table makes the molds position precisely that the molds and platen are more close.

And the patented design can prevent and reduce the molds to fall.



開關模托模及射出均採用義大利進口電位計，控制精準穩定。

具備模具冷卻裝置，使用方便，不拖轉斷水管。

轉盤定位快慢速度控制，運動穩定精度高。

Potentiometer used for mold close/open, ejection, and injection by Italian brand, which is much precise and stable for control.

Movement of rotation table positioning at high and slow speed is highly stable and precise.



射出系統採水平方式並列，較不佔空間，構造精簡，

射出壓力均勻，效率高故障率低。

Injection system is by horizontal arrangement side by side, which is much space-saving. structure is simplified and injection pressure is quite even which effectiveness is high and break-down rate is low.



兩組獨立油壓迴路，壓力流量各自獨立，控制速度，壓力依個別需求使用。具備模具冷卻裝置，使用方便，不拖轉斷水管。

射出系統採水平方式並列，較不佔空間，構造精簡，射出壓力均勻，效率高故障率低。

2 sets of independent hydraulic circuit, which pressure flow, speed control is independent.

Movement of rotation table positioning at high and slow speed is highly stable and precise.

<<Global Networks>>



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<http://www.huarong.com.tw>

台灣華經 (Headquarter & Taiwan Factory)

74555台南市安定區沙崙37-1號

No.37-1, Shalun, Anding Dist., Tainan City 74555, Taiwan.

TEL : +886-6-5939888 FAX : +886-6-5937698

E-mail: roy@huarong.com.tw

無錫華經數控 (Wuxi Factory)

江蘇省無錫市宜興官林鎮義莊村遠大路

Yuanda Road, Yizhuang Village, Guanlin Town, Yixing City, Jiangsu Province, China.

TEL : +86-510-87207622, 87203688 FAX : +86-510-87207619, 87207620

E-mail : wxhr1@live.cn

