

VH Series

側射立式系列

Vertical Injection Molding Machine(Material Side-In)

鎖模力 : 35 - 3200 ton

Clamping Force

射出重量 : 1 - 500 oz

Injection Capacity

特性 : 直立式合模。

Main Features

Vertical clamping.

寬框間距，結構強固，鎖模力可達3200 ton。
Wider distance between tie bars. Strong structure to resist deformation. Clamping force up to 3200 ton.

射座高度可調整，讓模具設計更具靈活性。
The position of injection unit is freely adjustable.
Makes the tooling design more easier.

選購特殊功能

Optional Feature

: 多樣化油路系統設計(半閉、伺服或高速注塑)可配合客戶需求。

Diversified hydraulic system (Semi-closed Loop, Injection Closed Loop or High Speed Injection with Accumulator) is designed to meet different application needs.



VH
固定下模 Fixed Bottom Platen



VH-S
單橫滑板 Slide Table



VH-SD
雙橫滑板 Double Shuttle Tables



VH-R
轉盤 Rotary Table

規格 Specifications

型號 MODEL	單位 UNIT	VH-	VH-S-	VH-SD-	VH-R-	VH-	VH-S-	VH-SD-	VH-R-	VH-	VH-S-	VH-SD-	VH-R-	VH-	VH-S-	VH-SD-	VH-R-	VH-	VH-S-	VH-SD-	VH-R-	VH-	VH-S-	VH-SD-	VH-R-		
		35T				65T				110T				160T				200T				250T					
射出裝置 INJECTION UNIT	螺桿直徑 Screw diameter	mm	∅ 22	∅ 25	∅ 30	∅ 28	∅ 32	∅ 35	∅ 35	∅ 40	∅ 45	∅ 40	∅ 45	∅ 40	∅ 45	∅ 50	∅ 45	∅ 50	∅ 55	∅ 50	∅ 55	∅ 60					
	理論射出容量 Theoretical injection volume	cm ³	53	65	99	86	113	135	154	201	254	232	294	363	382	471	570	471	570	679							
	射出重量 Injection capacity(PS)	g	50	65	93	81	106	127	145	189	239	219	277	341	359	443	536	443	536	638							
	射出壓力 Injection pressure	kg/cm ²	2835	2195	1524	2500	1914	1600	2451	1877	1483	2520	1991	1613	2434	1971	1629	1971	1629	1369							
	射出速率 Injection rate	cm ³ /s	31	40	57	44	57	68	82	108	136	99	126	155	128	153	185	200	242	289							
	可塑化能力 Plasticizing capacity(PS)	kg/h	11	15	24	21	29	35	61	84	101	82	100	125	87	109	127	84	98	117							
	螺桿轉速 Screw rotation speed	rpm	186	186	188	188	187	187	240	240	289	289	247	247	268	268	268	268	220	160	160	160	160	160	160	160	160
電熱容量 Heating capacity	kW	4	4	4	4	5.5	5.5	5.5	5.5	7.5	7.5	7.5	7.5	9.6	9.6	9.6	9.6	12.5	12.5	12.5	9.6	14.6	14.6	14.6	9.6		
鎖模裝置 CLAMPING UNIT	鎖模力 Clamping force	ton	35	35	35	35	65	65	65	65	110	110	110	110	160	160	160	160	200	200	200	200	250	250	250	250	
	最小模厚 Minimum mold height	mm	180	180	180	180	200	200	200	200	200	200	200	200	250	250	250	250	300	300	300	300	300	300	300	300	
	開模行程 Opening stroke	mm	250	250	250	250	250	250	300	300	350	350	350	350	400	400	400	400	400	400	400	400	400	400	400	400	
	最大開距 Maximum daylight	mm	430	430	430	430	450	450	500	500	550	550	550	550	650	650	650	650	700	700	700	700	700	700	700	700	
	成品頂出距離 Ejector stroke	mm	90	90	100	100	90	90	100	100	100	100	100	100	125	125	125	125	125	125	125	125	150	150	150	150	
頂出力 Ejector force	ton	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4		
其他 OTHERS	電動馬達 Electric power	hp(kW)	7.5/5.6	7.5/5.6	10/7.5	10/7.5	10/7.5	10/7.5	15/11.2	15/11.2	20/14.9	20/14.9	20/14.9	20/14.9	25/18.7	25/18.7	30/22.4	30/22.4	30/22.4	30/22.4	40/29.8	40/29.8	40/29.8	40/29.8	50/37.3	50/37.3	
	油箱容量 Oil tank capacity	l	150	150	150	150	170	170	170	210	290	290	290	290	340	340	340	340	340	340	480	480	480	480	540	540	
	冷卻水容量 Cooling water capacity	l/hr	1200	1200	1500	1500	1500	1500	2300	2300	2800	2800	3100	3100	3400	3400	4000	4000	4300	4300	5600	5600	5600	5600	6200	6200	
	滑板行程 Slide table stroke	mm	-	360	480	-	-	300	580	-	-	250	680	-	-	300	450	-	-	350	870	-	-	450	1000	-	
	轉盤直徑 Rotary table diameter	mm	-	-	-	680	-	-	-	780	-	-	-	980	-	-	-	1160	-	-	-	1370	-	-	-	1590	
	機械尺寸 Machine dimensions(LxWxH)	m	2.8x1.35x2.05	2.65x1.55x2.15	2.9x1.55x2.2	2.8x1.5x2.1	3.1x1.7x2.35	2.9x1.65x2.4	3.1x1.8x2.5	3.1x1.8x2.5	3.45x1.6x2.8	3.3x1.65x2.9	3.4x2.15x2.9	3.6x1.9x2.85	3.7x1.65x3.05	3.70x1.7x3.23	3.6x2.45x3.2	4.2x2.1x3.15	4.0x1.9x3.3	4.15x1.90x3.40	4.25x3.10x3.4	4.3x2.4x3.25	4.1x1.9x3.6	4.25x1.9x3.7	4.35x3.2x3.5	4.4x2.5x3.55	
機械重量 Machine weight	ton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

為配合設計的改進及更新，以上規格如有更改，恕不另行通知。
Due to continuous development of our products, specifications are subject to change without prior notice.

本公司亦接受特殊規格之訂製，歡迎垂詢。
Machine can be custom made upon request. Please call for further details.