





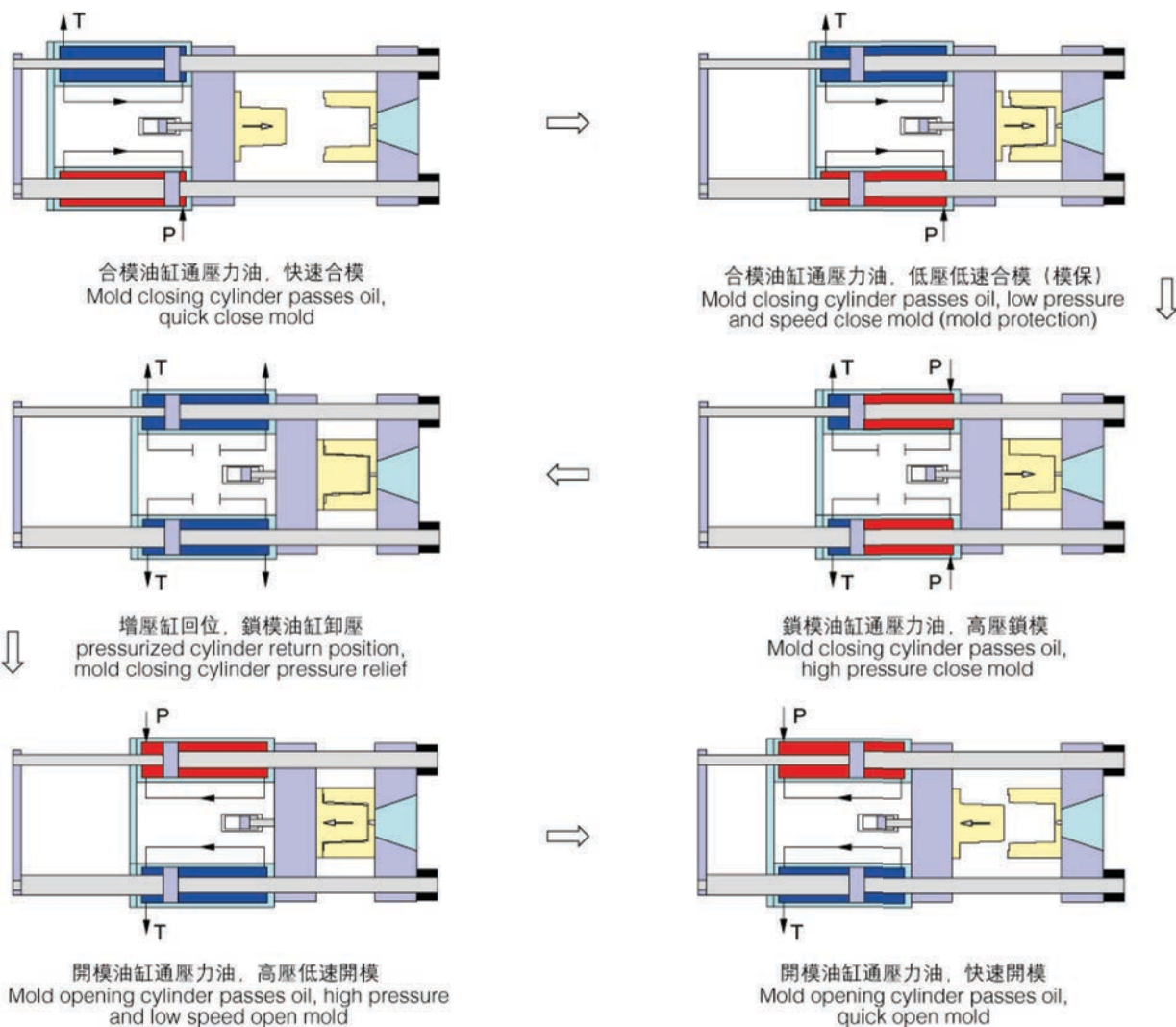
F 系列直壓機特點 The feature of F series



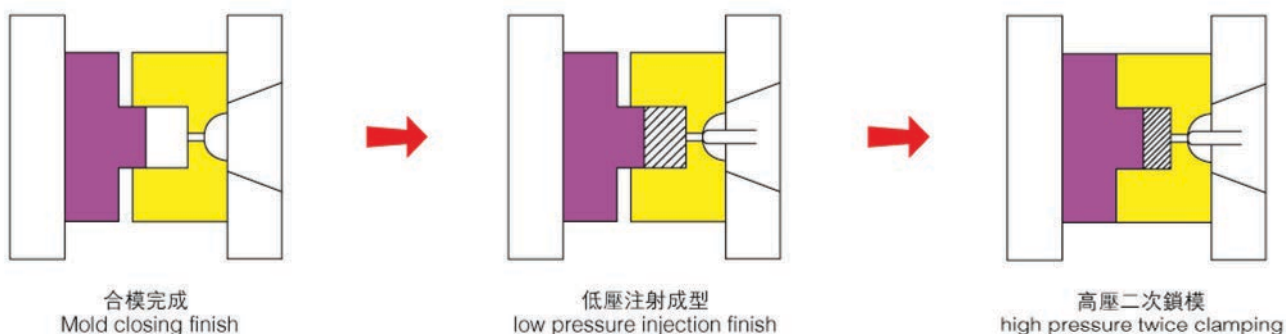
- 四缸直壓式鎖模結構，使得鎖模力更加均均勻、準確，滿足精密制品的要求：
Four-cylinder direct clamping makes the clamping force more balance and exact, meet the requirement of precise products.
- 高檔伺服系統配備，更省電，更準確，事故發生率更低：
Top grade servo system is save electricity and exact further, and failure rate lower.
- 全封閉式鎖模檔罩，有效的阻止异物進入鎖模裝置，更清潔，更安全：
Full closed clamping cover can prevent the rubbish from clamping unit; it is more clean and safe.
- 機械、電氣、液壓三種安全防護措施，確保人身安全。
Machinery、electric and hydraulic safeguard to make sure the personal safety.
- 可進行注射壓縮成型（二次鎖模）。
It can achieve injection compress molding (twice clamping).



F系列直壓機動作原理時序圖 Action principle drawing of F series



F系列直壓機二次鎖模工藝特點 Twice clamping technology feature of F series



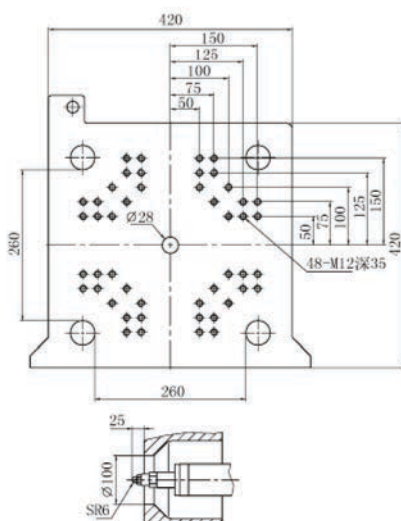
二次鎖模成型技術可以有效的減少產品中的殘余應力，使樹脂分子結構均勻流動分布合理，提高產品成型精確度，對生產出超精密的產品更加有利。

Twice clamping technique can decrease effectively the residual stress of products and make the resin molecular structure flowing balance and distributing reasonable to improve the precision of molding, it is beneficial to manufacture the most precise products.

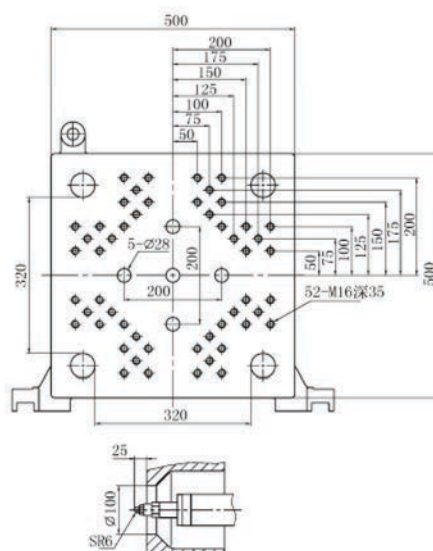
F系列

机 型		F-25SV		F-50SV		F-80SV		
鎖 模 裝 置	鎖模力 kN	Clamping Force	250		500		800	
	開模力 kN	Opening Force	18		37		52	
	拉杆間距 mm	Space Between Tie-Bars	260×260		320×320		360×360	
	最小模厚 mm	Mould Thickness Min	100		120		140	
	模板最大開距 mm	Space Between Platen Max	400		520		660	
	模板尺寸 mm	Size of Platen	420×420		500×500		580×580	
	頂出長度 mm	Ejector Stroke	60		90		120	
	頂出力 kN	Ejector Force	25		31		40	
	頂針數	Ejector Quantity	1		5		5	
注 射 裝 置	螺杆直徑 mm	Screw Diameter	18	22	22	25	28	32
	螺杆長徑比 L/D	Screw L/D ratio	23.3	21	23.8	21	24	21
	理論射膠容積 cm³	Shot Size	20	25	38	49	83	109
	實際射膠量 g(PS)	Shot Weight	18	23	35	45	76	99
	oz		0.6	0.8	1.2	1.6	2.7	3.5
	射膠壓力 MPa	Injection Pressure	254	206	266	206	263	202
	注射速率 cm³/s(PS)	Injection Rate	44	65	65	84	100	130
	g/s		40	60	60	77	92	120
	塑化能力 g/s(PS)	Plasticising Capacity	3.8	4.5	5.8	8	11.9	15.5
	注射速度 mm/s	Injection speed	172		171		162	
螺杆轉速 rpm	Screw Speed	10-330		10-330		10-300		
電 力 及 其 它	油泵輸量 L/min	Pump Output	45		70		100	
	油箱容積 L	Oil Tank Capacity	150		190		240	
	伺服功率 kW	Servo Power	6		8.7		12	
	電熱功率 kW	Heater Power	2.3		3.8		6.5	
	電熱區數	Tem Control zone	3+1		5+1		5+1	
	系統壓力 MPa	System Pressure Max	16		16		16	
	機器淨重 ton	Machine Weight	1.9		2.2		3.5	
	機器尺寸 L×W×H	Machine Dimension	2800×1080×1530		3210×1220×1600		3900×1360×1670	

F-25SV



F-50SV



F-80SV

