

# LSR Series 液態矽膠系列

## Liquid Silicone Rubber Injection Series

### 液態矽橡膠

深具市場潛力與開發性的原材料

與MOMENTIVE (GE東芝)有機硅的長期配合中，百塑累積了各項LSR事業之完備方案：衛浴用品、醫護用具、嬰兒用品、體育產品、廚房配件、按鍵及密封件等。

您將體驗到低廢耗、高品質、高效益的快捷矽膠製品生產流程（包括原料整合及模具之開發）。

### Liquid Silicone Rubber

A reliable material with a huge market potential and possibility for innovation

By working together with our partner, MOMENTIVE (GE Toshiba) Silicones for many years, Multiplas is well prepared to provide our customers with fully integrated LSR injection molding solutions for applications \* Bathroom Products, Medical Devices, Baby Products, Sport Products, Kitchenware, Keypads and Seals . . .

Come and experience the low waste, high quality and high efficiency LSR production process with us. See how Multiplas assists you in implementing your ideas, from picking the right materials to mold design and making.



V4-SD-LSR



SM-50T-LSR

## 直立式 V-LSR Series

### 規格 Specifications

射出裝置選項 INJECTION UNIT OPTION		單位 UNIT	A		B		C		D		E		F		G		H	
射出裝置 INJECTION UNIT	螺桿直徑 Screw diameter	mm	Ø20	Ø25	Ø25	Ø30	Ø30	Ø35	Ø35	Ø40	Ø40	Ø45	Ø45	Ø50	Ø55	Ø60	Ø60	Ø70
	理論射出容量 Theoretical injection volume	cm <sup>3</sup>	31	48	64	98	98	134	144	188	200	254	286	353	475	565	622	846
	射出重量 Injection capacity(LSR)	g	33	52	69	105	105	143	155	203	217	274	308	381	513	610	671	914
	射出壓力 Injection pressure	kg/cm <sup>2</sup>	1715	1097	1618	1123	1555	1142	1382	1058	1367	1080	1354	1097	1336	1123	1554	1142
	射出速率 Injection rate	cm <sup>3</sup> /s	32	50	47	68	89	122	131	171	163	207	193	239	314	373	303	412
	螺桿轉速 Screw rotation speed	rpm	10 - 240		10 - 220		10 - 200		10 - 200		10 - 200		10 - 200		10 - 200		10 - 200	
	模具電熱容量 Mold heating capacity	kW	2.5 x 3		3 x 3		4 x 3		5 x 3		8 x 3		10 x 3		12 x 3		15 x 3	
需求馬力 Required driving power	hp (kW)	7.5 (5.6)		10 (7.5)		15 (11.2)		20 (15)		25 (18.7)		30 (22.5)		40 (30)		50 (37.5)		

型號 MODEL		單位 UNIT	V2-15T-LSR	V4-35T-LSR	V4-55T-LSR	V4-85T-LSR	V4-120T-LSR	V4-160T-LSR	V4-200T-LSR	V4-250T-LSR
射出裝置選項 INJECTION UNIT OPTION		序號 SERIES NO.	A	A, B	A, B, C	B, C, D	B, C, D, E	C, D, E, F	D, E, F, G	E, F, G, H
鎖模裝置 CLAMPING UNIT	鎖模力 Clamping force	ton	15	35	55	85	120	160	200	250
	最小模厚 Minimum mold height	mm	80 - 160	150 - 550	180 - 280	200 - 300	200 - 300	250 - 350	300 - 400	300 - 400
	開模行程 Opening stroke	mm	220	200	200	250	250	300	350	400
	最大開距 Maximum daylight	mm	280 - 360	350 - 450	380 - 480	450 - 550	450 - 550	550 - 650	650 - 750	700 - 800
	頂針行程 Ejector stroke	mm	50	60	70	80	80	100	120	150
	頂出力 Ejector force	ton	1.6	2.0	2.2	3.0	3.0	4.5	5.0	6.5

## 臥式 SM-LSR Series

### 規格 Specifications

型號 MODEL		單位 UNIT	SM-50T-LSR
射出裝置 INJECTION UNIT	螺桿直徑 Screw diameter	mm	Ø30
	理論射出容量 Theoretical injection volume	cm <sup>3</sup>	84
	射出重量 Injection capacity(LSR)	g	76
	射出壓力 Injection pressure	kg/cm <sup>2</sup>	1701
	射出速率 Injection rate	cm <sup>3</sup> /s	82.7
	模具電熱容量 Mold heating capacity	kW	4 x 3
螺桿轉速 Screw rotation speed	rpm	10 - 265	
鎖模裝置 CLAMPING UNIT	鎖模力 Clamping force	ton	50
	最小模厚 Minimum mold height	mm	280
	開模行程 Opening stroke	mm	350
	最大開距 Maximum daylight	mm	630
	柱內間距 Distance between tie bars(HxV)	mm	320 x 320
	模板尺寸 Platen size(HxV)	mm	455 x 455
頂針行程 Ejector stroke	mm	100	
頂出力 Ejector force	ton	3.4	

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.

### 計量混配系統配置 System Scheme of an LIM Metering Unit

