



VERTICAL INJECTION V SERIES
300 - 800 mm/sec Optional High Speed Close Loop Injection

MODEL		UNIT	V2	V2-S	V2-SD	V3-R	V4	V4-S	V4-SD	V3-R	V4	V4-S	V4-SD	V3-R					
			15 N				35T				55T								
INJECTION UNIT	Screw diameter	mm	20		22		22		25		25		28	32					
	Theoretical inj	cm3	25		31		46		59		69		86	113					
	Injection capac	g	23		29		43		59		65		81	106					
	Injection press	kg/cm2	2240		1851		2531		1960		1563		2330	1422					
	Injection rate	cm3/s	26		31		36		47		58		62	81					
	Plasticizing cap	kg/h	7		9		11		15		20		21	29					
	Screw rotation	rpm			164				186				187						
	Heating capacit	kW			2				3.3				3.9						
					15				35				55						
CLAMPING UNIT	Minimum mold	mm			100-150				150-250				180-280						
	Opening stroke	mm			180				200				200						
	Maximum dayl	mm			280-330				350-450				380-480						
	Mold dimensio	mm			250x150				370x210				445-225						
	Platen size (Hx)	mm			380x200				520x360				580x380						
	Ejector stroke	mm			35				40				40						
	Ejector force	ton			1.8				1.8				1.8						
					5(3.7)		5(3.7)		7.5(5.6)		7.5(5.6)		10(7.5)		10(7.5)		15(11.2)		15(11.2)
					220		250		-		350		390		-		380		430
				-		-		580		-		-		740		-		-	
			1.3x1.0x2.6		1.4x0.9x2.5		1.4x1.1x2.4		1.4x1.1x2.4		1.6x1.1x2.8		1.6x1.1x2.9		1.6x1.7x2.9		1.7x1.2x3		1.8x1.2x3.1
			0.7		0.84		0.95		1.4		1.7		1.85		2		2.4		2.6

MODEL		UNIT	V4	V4-S	V4-SD	V3-R	V4	V4-S	V4-SD	V3-R	V4	V4-S	V4-SD	V3-R					
			85T				120T				160T								
INJECTION UNIT	Screw diameter	mm	32		36		40		36		40		45	50					
	Theoretical inj	cm3	113		143		176		163		201		254	393					
	Injection capac	g	106		134		165		153		189		239	369					
	Injection press	kg/cm2	2331		1842		1492		2278		1844		1458	1478					
	Injection rate	cm3/s	71		90		111		107		132		167	178					
	Plasticizing cap	kg/h	44		58		73		66		84		101	125					
	Screw rotation	rpm			269				289				268						
	Heating capacit	kW			5.3				6.5				8.3						
					85				120				160						
CLAMPING UNIT	Minimum mold	mm			200-300				200-300				250-350						
	Opening stroke	mm			250				280				300						
	Maximum dayl	mm			450-550				480-580				550-650						
	Mold dimensio	mm			500x520				580x360				660x380						
	Platen size (Hx)	mm			680x520				800x600				970x630						
	Ejector stroke	mm			50				65				65						
	Ejector force	ton			1.8				2.7				4.6						
					15(11.2)		15(11.2)		20(14.9)		20(14.9)		25(18.7)		25(18.7)		7.5(5.6)		7.5(5.6)
					480		550		-		520		630		-		580		680
				-		-		980		-		1170		-		-		-	
			1.8x1.4x3.3		2x1.4x3.4		2x1.4x3.4		1.9x1.5x3.7		2.1x1.5x3.8		2.2x1.9x3.9		2.2x1.9x3.9		2.0x1.6x4		2.2x1.6x4
			3.1		3.35		3.5		4		4.5		4.82		5.8		5.9		6.5

MODEL		UNIT	V4	V4-S	V4-SD	V3-R	V4	V4-S	V4-SD	V3-R							
			200T				250T										
INJECTION UNIT	Screw diameter	mm	45		50		55		60		65						
	Theoretical inj	cm3	350		432		523		594		830						
	Injection capac	g	329		406		491		558		780						
	Injection press	kg/cm2	2335		1890		1562		2203		1851						
	Injection rate	cm3/s	140		172		205		198		235						
	Plasticizing cap	kg/h	94		112		135		104		125						
	Screw rotation	rpm			220				160								
	Heating capacit	kW			11.6				15								
					200				250								
CLAMPING UNIT	Minimum mold	mm			300-400				300-400								
	Opening stroke	mm			350				400								
	Maximum dayl	mm			650-750				700-800								
	Mold dimensio	mm			730x410				800x450								
	Platen size (Hx)	mm			1040x700				1100x740								
	Ejector stroke	mm			75				100								
	Ejector force	ton			4.6				4.6								
					30(22.4)		30(22.4)		40(29.8)		40(29.8)		45(33.8)		45(33.8)		
					620		750		-		650		780		-		
				-		-		1590		-		-		1800			
			2.2x1.7x4.1		2.4x1.7x4.2		2.4x2.3x4.3		2.4x2.3x4.3		2.2x1.7x4.5		2.6x1.8x4.8		2.5x2.4x4.6		2.5x2.4x4.6
			9		9.6		11		11.8		11		11.8		13.3		14