

# SV18 (Metric Units)

## Vertical All-Electric

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### CLAMP SPECIFICATIONS

Clamping force	tonf	18
Mold size	mm	260 x 260
Table dimension	mm	400 x 560
Open daylight (max.)	mm	450
Mold space (min.-max.)	mm	150 - 250
Opening stroke (max.)	mm	200
Mold open/close speed (max.)	mm/sec	444
Locating ring diameter	mm	60
Ejector pattern		(1 point)
Ejector stroke	mm	40
Ejector force	tonf	0.8

### INJECTION SPECIFICATIONS

Plasticizing unit		C26		
Screw diameter	mm	14	16	18
Injection pressure	kgf/cm <sup>2</sup>	2280	2400	1890
Holding pressure	kgf/cm <sup>2</sup>	1820	1920	1510
Injection capacity	cm <sup>3</sup>	6.2	11	14
Injection weight (GPPS)	g	6.0	11	13
	oz	0.2	0.4	0.5
Plasticizing capacity (max.)	kg/hr	5.1	9.5	13
Injection rate (max.)	cm <sup>3</sup> /sec	46	60	76
Screw stroke	mm	40	55	
Injection speed (max.)	mm/sec	300		
Screw speed (max.)	rpm	460	430	
Heater capacity (4 zones)	KW	2.1	2.5	2.5
Nozzle contact force	kgf	400		
Injection unit stroke (penetration)	mm	260 (30)		
Hopper capacity	ℓ	4.0		

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	60
Machine dimensions (L x W x H)	mm	1132 x 1175 x 2856
Machine weight	tonf	1.7

**NOTE:** Specifications subject to change without notice.

## SV50 (Metric Units)

### Vertical All-Electric

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#### CLAMP SPECIFICATIONS

Clamping force	tonf	50
Mold size	mm	360 x 360
Table dimension	mm	505 x 505
Open daylight (max.)	mm	550
Mold space (min.-max.)	mm	200-300
Opening stroke (max.)	mm	250
Mold open/close speed (max.)	mm/sec	444
Locating ring diameter	mm	100
Ejector pattern		(5 points)
Ejector stroke	mm	40
Ejector force	tonf	2.2

#### INJECTION SPECIFICATIONS

Plasticizing unit		C50S		C75S	
Screw diameter	mm	18	20	22	25
Injection pressure	kgf/cm <sup>2</sup>	2680	2170	2330	1800
Holding pressure	kgf/cm <sup>2</sup>	2140	1730	1860	1440
Injection capacity	cm <sup>3</sup>	22	27	33	43
Injection weight (GPPS)	g	21	26	32	41
	oz	0.8	0.9	1.1	1.5
Plasticizing capacity (max.)	kg/hr	10	13	18	26
Injection rate (max.)	cm <sup>3</sup> /sec	76	94	114	147
Screw stroke	mm	87			
Injection speed (max.)	mm/sec	300			
Screw speed (max.)	rpm	400			
Heater capacity (4 zones)	KW	2.8	3.2	3.6	4.1
Nozzle contact force	kgf	800			
Injection unit stroke (penetration)	mm	340 (30)			
Hopper capacity	ℓ	10			

#### MACHINE SPECIFICATIONS

Main breaker capacity	amps	125
Machine dimensions (L x W x H)	mm	1624 x 1090 x 3335
Machine weight	tonf	2.8

**NOTE:** Specifications subject to change without notice.