



SE500EV-A^{-HD} (Metric Units)
 High-Duty Mid-Sized All-Electric
 Including **NEW High-Speed CT-6 Spec**



www.sumitomo-shi-demag.us

CLAMP SPECIFICATIONS

Clamping force	kN/tonf	5000 / 510
Distance between tie-bars	mm	920 x 920
Overall size of platens (H x V)	mm	1300 x 1300
Open daylight max. - standard	mm	1675
- With opt. 100 mm extension		1775
- With opt. 200 mm extension		NA
Mold space min. - max.	mm	350 – 800
- With opt. 100 mm extension		350 – 900
- With opt. 200 mm extension		NA
Mold opening stroke max.	mm	875
Mold open/close speed max.	mm/s	1167
Locating ring diameter	mm	101.6
Ejector pattern		Center (21 points)
Ejector force (with opt. added force)	kN	100 (150)
Ejector speed max.	mm/s	267
Ejector stroke	mm	220
Mold loading max. (moving side)	kg	7500 (5000)

INJECTION SPECIFICATIONS

Plasticizing unit		C2200			C3000		
		mm	63	71	80	71	80
Screw diameter	mm	63	71	80	71	80	90
Injection pressure max.	kgf/cm ²	2203	1917	1509	2203	1907	1509
Holding pressure max.	kgf/cm ²	2203	1917	1509	2203	1907	1509
Injection capacity	cm ³	997	1266	1608	1425	1809	2290
Injection weight (GPPS)	g	957	1216	1544	1368	1737	2198
	oz	33.8	42.9	54.5	48.3	61.3	77.5
Plasticizing capacity max. CT-6 Spec (opt.)	kg/hr	227 227	230 234	303 275	230 234	303 275	390 NA
Injection rate max. (opt. high-velocity filling) CT-6 Spec (opt.)	cm ³ /s	498 (872) 956	633 (1108) 1227	804 (1407) 1558	633 (*) 871	804 (*) 1105	1017 (*) NA
Screw stroke	mm	320			360		
Injection speed max. (opt. high-velocity filling) CT-6 Spec (opt.)	mm/s	160 (280) 310			160 (220) 220		160 (220) NA
Screw speed max.	rpm	250	200				
Number of temperature control zones		6					
Heater capacity CT-6 Spec (opt.)	kW	28.4 37.1	30.5 42.7	34.6 45.9	30.5 42.7	34.6 45.9	35.0 NA
Nozzle contact force	kN	58					
Injection unit stroke (penetration)	mm	495 (65)					
Hopper capacity	liter	100					

MACHINE SPECIFICATIONS

Main breaker capacity	amps	250 @ 230 V					
Machine dimensions (L x W x H)	mm	8461* x 2252 x 2232 (* plus opt. mold space extension if applicable)					
Machine weight CT-6 Spec (opt.)	Metric tons	23.8 24.9			23.8 25.7		23.8 NA

NOTE: Specifications subject to change without notice. Machine series photo at top may be different model size.

* Consult Sales Representative for these values.