



SE280EV-A^{-HD} (Metric Units)
 High-Duty Mid-Sized All-Electric
 Including **NEW High-Speed CT-6 Spec**



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CLAMP SPECIFICATIONS

Clamping force	kN/tonf	2800 / 286
Distance between tie-bars	mm	730 x 730
Overall size of platens (H x V)	mm	1020 x 1020
Open daylight max. - standard	mm	1275
- With opt. 100 mm extension		1375
- With opt. 200 mm extension		1475
Mold space min. - max.	mm	300 – 650
- With opt. 100 mm extension		300 – 750
- With opt. 200 mm extension		300 – 850
Mold opening stroke max.	mm	625
Mold open/close speed max.	mm/s	1298
Locating ring diameter	mm	101.6
Ejector pattern		Center (13 points)
Ejector force (with opt. added force)	kN	60 (100)
Ejector speed max.	mm/s	267
Ejector stroke	mm	220
Mold loading max. (moving side)	kg	3800 (2500)

INJECTION SPECIFICATIONS

Plasticizing unit		C1100			C1600			C2200		
Screw diameter	mm	50	56	63	56	63	71	63	71	80
Injection pressure max.	kgf/cm ²	2345	1907	1509	2345	1917	1509	2203	1917	1509
Holding pressure max.	kgf/cm ²	2345	1907	1509	2345	1917	1509	2203	1917	1509
Injection capacity	cm ³	510	640	810	714	904	1148	997	1266	1608
Injection weight (GPPS)	g	490	614	778	685	867	1102	957	1216	1544
	oz	17.3	21.7	27.4	24.2	30.6	38.9	33.8	42.9	54.5
Plasticizing capacity max. CT-6 Spec (opt.)	kg/hr	151 126	192 171	227 227	192 171	227 227	230 234	227 227	230 234	303 275
Injection rate max. (opt. high-velocity filling) CT-6 Spec (opt.)	cm ³ /s	314 (549) 608	394 (689) 763	498 (872) 966	394 (689) 763	498 (872) 966	633 (1108) 1227	498 (872) 966	633 (1108) 1227	804 (1407) 1558
Screw stroke	mm	260			290			320		
Injection speed max. (opt. high-velocity filling) CT-6 Spec (opt.)	mm/s	160 (280) 310								
Screw speed max.	rpm	250			200			250	200	
Number of temperature control zones		6								
Heater capacity CT-6 Spec (opt.)	kW	19.2 26.7	21.1 30.5	28.4 37.1	21.1 30.5	28.4 37.1	30.5 42.7	28.4 37.1	30.5 42.7	34.6 45.9
Nozzle contact force	kN	58								
Injection unit stroke (penetration)	mm	420 (65)								
Hopper capacity	liter	100								

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V	
Machine dimensions (L x W x H)	mm	7236* x 1972 x 2059 (* plus opt. mold space extension if applicable)	
Machine weight CT-6 Spec (opt.)	Metric tons	14.3 15.0	14.3 15.1

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