



SE100EV-HD (Metric Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	kN	1000
Distance between tie-bars	mm	460 x 460
Overall size of platens (H x V)	mm	650 x 650
Open daylight (max.) (Option B084 selected)	mm	800 (900)
Mold space (min.-max.) (Option B084 selected)	mm	180~450 (180~550)
Opening stroke (max.)	mm	350
Mold open/close speed (max.)	mm/sec	800
Locating ring diameter	mm	101.6
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	mm	100 (150)
Ejector force (Option B108 selected)	kN	32 (59)

INJECTION SPECIFICATIONS

Plasticizing unit		C230HD			C430HD		
		mm	28	32	36	36	40
Screw diameter	mm	28	32	36	36	40	45
Injection pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Holding pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Injection capacity	cm ³	86	112	142	162	201	254
Injection weight (GPPS)	g	82	107	136	155	192	243
	oz	2.9	3.7	4.8	5.5	6.8	8.6
Plasticizing capacity (max.)	kg/hr	37	53	76	76	101	136
Screw speed (max.)	rpm	400			400		
Heater capacity (6 zones)	KW	6.5	7.5	8.4	8.4	10.3	11.5
Injection rate (max.) (Option C059 selected)	cm ³ /sec	123 (98)	160 (128)	203 (162)	203 (162)	251 (201)	318 (254)
Injection speed (max.) (Option C059 selected)	mm/sec	200 (160)			200 (160)		
Screw stroke	mm	140			160		
Nozzle contact force	kN	43			43		
Injection unit stroke (penetration)	mm	320 (45)			380 (45)		
Hopper capacity	liter	30			50		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125	
Machine dimensions (L x W x H)	mm	4502 x 1192 x 1837 (4602 x 1192 x 1837)	4502 x 1192 x 1932 (4602 x 1192 x 1932)
Machine weight	kg	4,000	4,300

NOTE: Specifications subject to change without notice.

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SE130EV-HD (Metric Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	kN	1300
Distance between tie-bars	mm	510 x 510
Overall size of platens (H x V)	mm	720 x 720
Open daylight (max.) (Option B084 selected)	mm	850 (950)
Mold space (min.-max.) (Option B084 selected)	mm	180~450 (180~550)
Opening stroke (max.)	mm	400
Mold open/close speed (max.)	mm/sec	800
Locating ring diameter	mm	101.6
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	mm	100 (150)
Ejector force (Option B108 selected)	kN	32 (59)

INJECTION SPECIFICATIONS

Plasticizing unit		C230HD			C430HD		
		mm	28	32	36	36	40
Screw diameter	mm	28	32	36	36	40	45
Injection pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Holding pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Injection capacity	cm ³	86	112	142	162	201	254
Injection weight (GPPS)	g	82	107	136	155	192	243
	oz	2.9	3.7	4.8	5.5	6.8	8.6
Plasticizing capacity (max.)	kg/hr	37	53	76	76	101	136
Screw speed (max.)	rpm	400			400		
Heater capacity (6 zones)	KW	6.5	7.5	8.4	8.4	10.3	11.5
Injection rate (max.) (Option C059 selected)	cm ³ /sec	123 (98)	160 (128)	203 (162)	203 (162)	251 (201)	318 (254)
Injection speed (max.) (Option C059 selected)	mm/sec	200 (160)			200 (160)		
Screw stroke	mm	140			140		
Nozzle contact force	kN	43			43		
Injection unit stroke (penetration)	mm	320 (45)			380 (45)		
Hopper capacity	liter	30			50		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150	
Machine dimensions (L x W x H)	mm	4732 x 1292 x 1882 (4832 x 1292 x 1882)	4732 x 1292 x 1977 (4832 x 1292 x 1977)
Machine weight	kg	4,500	4,800

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SE180EV-HD (Metric Units)

High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	kN	1800
Distance between tie-bars	mm	560 x 560
Overall size of platens (H x V)	mm	800 x 795
Open daylight (max.) (Option B084 selected)	mm	950 (1050)
Mold space (min.-max.) (Option B084 selected)	mm	200~500 (200~600)
Opening stroke (max.)	mm	450
Mold open/close speed (max.)	mm/sec	800
Locating ring diameter	mm	101.6
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	mm	120 (150)
Ejector force (Option B108 selected)	kN	45 (59)

INJECTION SPECIFICATIONS

Plasticizing unit		C430HD			C730HD	
		mm	36	40	45	45
Screw diameter	mm	36	40	45	45	50
Injection pressure	kgf/cm ²	2,753	2,223	1,764	2,192	1,774
Holding pressure	kgf/cm ²	2,753	2,223	1,764	2,192	1,774
Injection capacity	cm ³	162	201	254	337	416
Injection weight (GPPS)	g	155	192	243	324	400
	oz	5.5	6.8	8.6	11.4	14.1
Plasticizing capacity (max.)	kg/hr	76	101	136	98	134
Screw speed (max.)	rpm	400			250	
Heater capacity (6 zones)	KW	8.5	10.3	11.5	11.5	12.6
Injection rate (max.) (Option C059 selected)	cm ³ /sec	203 (162)	251 (201)	318 (254)	254 (222)	314 (274)
Injection speed (max.) (Option C059 selected)	mm/sec	200 (160)			160 (140)	
Screw stroke	mm	160			212	
Nozzle contact force	kN	43			43	
Injection unit stroke (penetration)	mm	380 (65)			380 (65)	
Hopper capacity	liter	50			50	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175
Machine dimensions (L x W x H)	mm	5221 x 1362 x 2018
Machine weight	kg	6,200

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