

Specifications

Item		Unit	MD 2000 S-IV	
Clamping Unit	Clamping System	–	Double Toggle	
	Clamping Force	kN (USt)	17600 (2000)	
	Location Hole Diameter	(inch)	5	
	Tie-Bar Distance	mm (inch)	2169 x 1661 (85.4 x 65.4)	
	Platen Size	mm (inch)	3175 x 2413 (125 x 95)	
	Max. Mold Open Stroke	mm (inch)	1700 (67)	
	Mold Height: Min. / Max.	mm (inch)	800 / 1900 (31.5 / 74.8)	
	Daylight	mm (inch)	3600 (141.75)	
	Ejector Stroke	mm (inch)	300 (11.8)	
	Ejector Force	kN (USt)	323 (36.2)	
Injection Unit	Injection Unit	T•m	i 154	
	Screw Type	–	A	B
	Screw Diameter	mm (inch)	120 (4.72)	132 (5.2)
	Screw Stroke	mm (inch)	720 (28.34)	
	Theoretical Shot Volume	cm ³ (cu.in)	8143 (496.91)	9853 (601.26)
	Shot Mass	g (oz)	7491 (264.23)	9065 (319.75)
	Max. Injection Pressure	MPa (PSI)	185 (26830)	150 (21760)
	Max. Holding Pressure	MPa (PSI)	170 (24660)	135 (19580)
	Max. Injection Speed	mm/s (inch/s)	125 (4.92)	
	Injection Rate	cm ³ /s (cu.in/s)	1413 (94.62)	1710 (104.34)
	Screw Speed	min ⁻¹	110	
	Plasticizing Capacity	kg/h (oz/s)	600 (4.21)	580 (4.41)
	Nozzle Stroke	mm (inch)	880 (34.65)	
	Nozzle Touch Force	–	6.6	
	Automatic Temperature Control Zone	kW	7	
Heater Capacity	kVA	56	60	
Others	Machine kVA	t (USt)	272	
	Machine Mass	m (inch)	197 (216.7)	
	Machine Size	L	16.8 (662.6)	
		W	4.6 (180.1)	
		H	3.5 (137.4)	

Notes: * "Y" size screws are optional.