

MD 1550 S-IV

Specifications

Item		Unit	MD 1550 S-IV	
Clamping Unit	Clamping System	–	Double Toggle	
	Clamping Force	kN (USt)	13700 (1550)	
	Location Hole Diameter	(inch)	5	
	Tie-Bar Distance	mm (inch)	1830 x 1510 (72 x 59.5)	
	Platen Size	mm (inch)	2480 x 1970 (97.6 x 77.55)	
	Max. Mold Open Stroke	mm (inch)	1500 (59)	
	Mold Height: Min. / Max.	mm (inch)	650 / 1300 (25.59 / 51.18)	
	Daylight	mm (inch)	2800 (110.23)	
	Ejector Stroke	mm (inch)	250 (9.84)	
	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	TONS	6.6	
	Automatic Temperature Control Zone	–	7	
	Heater Capacity	kW	56	60
Others	Machine kVA	kVA	272	
	Machine Mass	t (USt)	104 (144.4)	
	Machine Size	L	m (inch) 15 (592)	
		W	m (inch) 3.8 (150.7)	
		H	m (inch) 3.1 (122.1)	

Notes: * "Y" size screws are optional.