

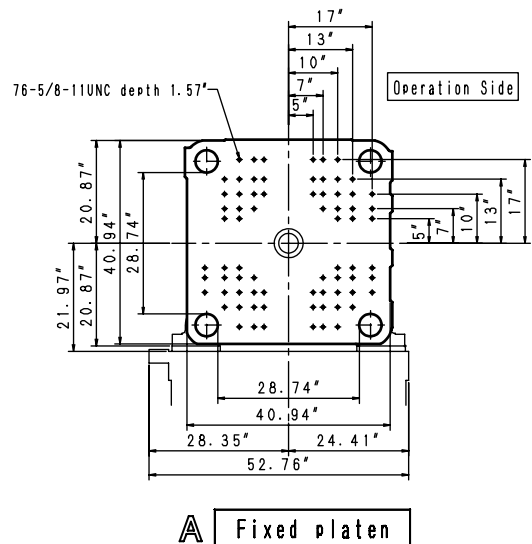
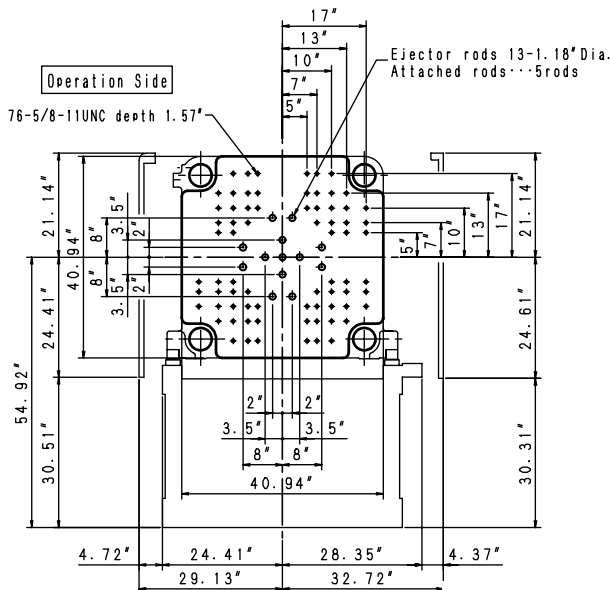
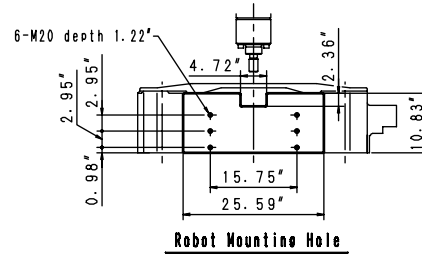
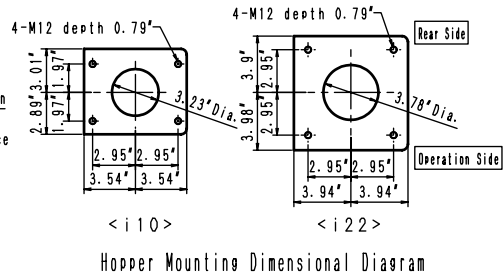
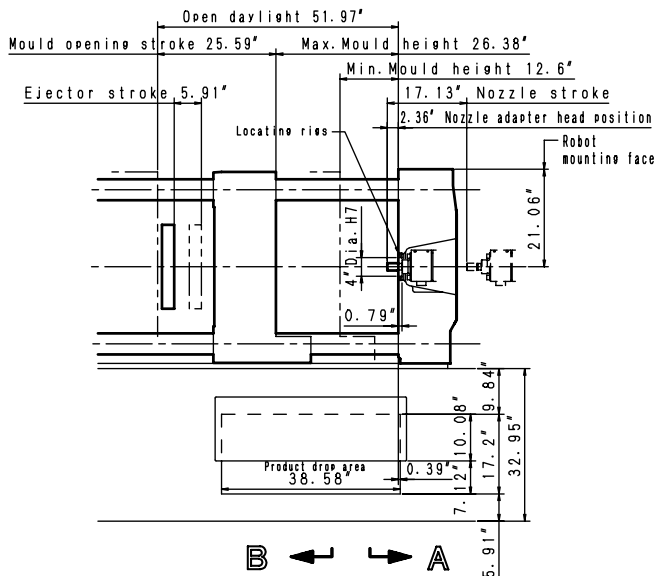
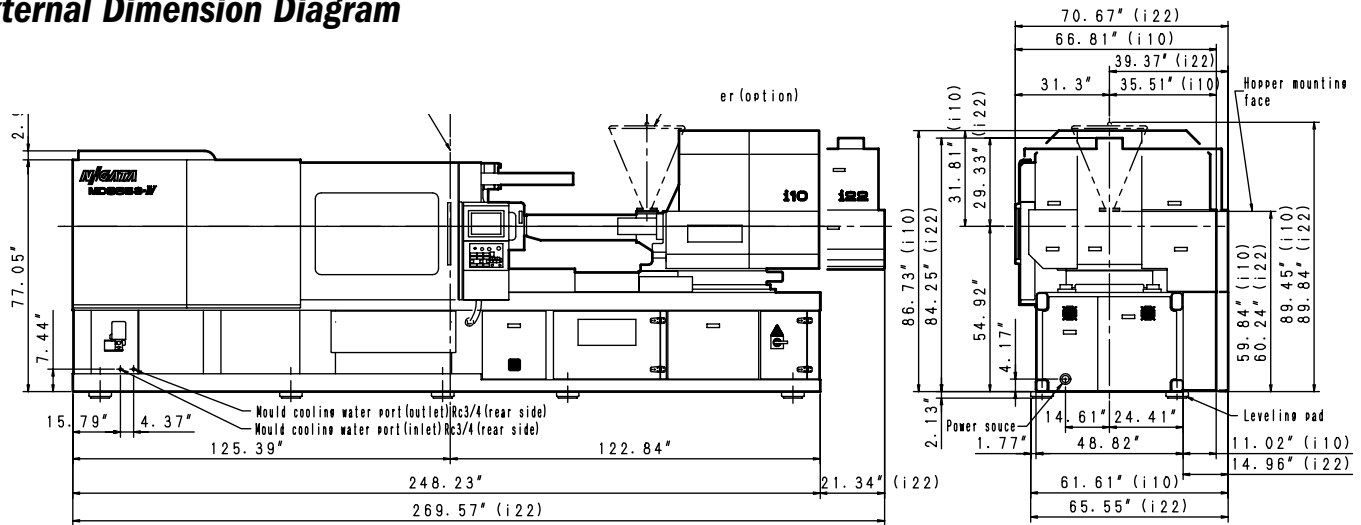
MD 385 S-IV

Specifications

Item		Unit	MD 385 S-IV			
Clamping Unit	Clamping System	-	Double Toggle			
	Clamping Force	kN (USt)	3500 (394)			
	Location Hole Diameter	(inch)	4			
	Tie-Bar Distance	mm (inch)	730 x 730 (28.74 x 28.74)			
	Platen Size	mm (inch)	1040 x 1040 (40.94 x 40.94)			
	Max. Mold Open Stroke	mm (inch)	650 (25.60)			
	Mold Height: Min. / Max.	mm (inch)	320 / 670 (12.60 / 26.38)			
	Daylight	mm (inch)	1320 (51.97)			
	Ejector Stroke	mm (inch)	150 (5.91)			
	Ejector Force	kN (USt)	78 (8.77)			
Injection Unit	Injection Unit	T•m	i 11		i 22	
	Screw Type	-	A	B	A	B
	Screw Diameter	mm (inch)	52 (2.05)	60 (2.36)	68 (2.68)	76 (2.99)
	Screw Stroke	mm (inch)	260 (10.24)		305 (12.01)	
	Theoretical Shot Volume	cm ³ (cu.in)	552 (33.69)	735 (44.85)	1107 (67.55)	1383 (84.40)
	Shot Mass	g (oz)	508 (17.92)	676 (23.81)	1018 (35.91)	1272 (44.87)
	Max. Injection Pressure	MPa (PSI)	200 (29010)	150 (21760)	200 (29010)	160 (23210)
	Max. Holding Pressure	MPa (PSI)	180 (26110)	135 (19580)	180 (26110)	145 (21030)
	Max. Injection Speed	mm/s (inch/s)	300 (11.81)		200 (7.9)	
	Injection Rate	cm ³ /s (cu.in/s)	637 (38.87)	848 (51.75)	726 (44.30)	907 (55.35)
	Screw Speed	min ⁻¹	300		240	
	Plasticizing Capacity	kg/h (oz/s)	151 (1.48)	206 (2.02)	252 (2.47)	295 (2.89)
	Nozzle Stroke	mm (inch)	435 (17.13)		435 (17.13)	
	Nozzle Touch Force	TONS	5.28		5.61	
	Automatic Temperature Control Zone	-	1G + 3		1G + 3	
	Heater Capacity	kW	18.69		25.06	
Others	Machine kVA	kVA	87		93	
	Machine Mass	t (USt)	16.3 (17.9)		17.5 (19.3)	
	Machine Size	L	6.3 (248.2)		6.8 (269.6)	
		W	1.7 (66.8)		1.8 (70.67)	
		H	2.2 (86.73)		2.1 (84.25)	
	Hopper Capacity	L (gal.)	80 (21.13)		80 (21.13)	

Notes: * "Y" size screws are optional.

External Dimension Diagram



B Movable platen

Mold Mounting Dimensional Diagram