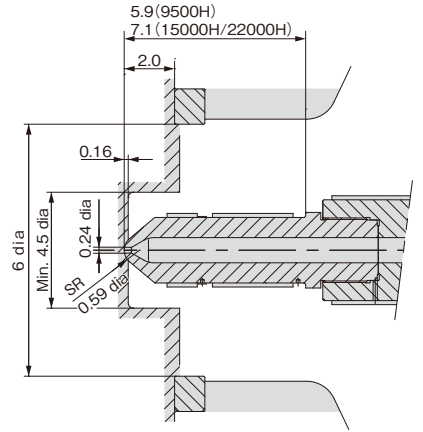
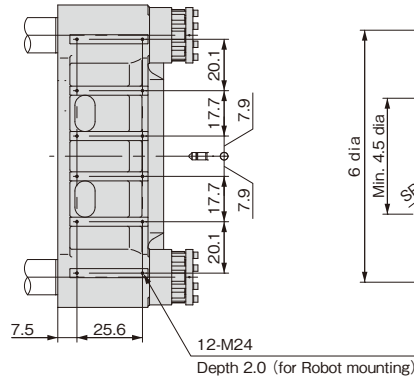
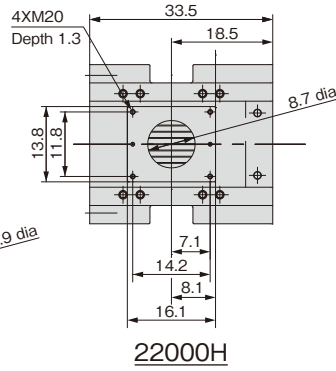
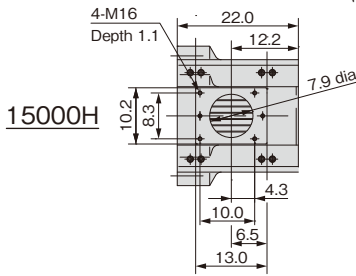
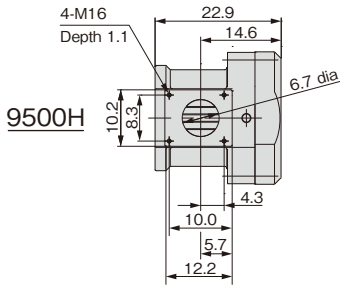
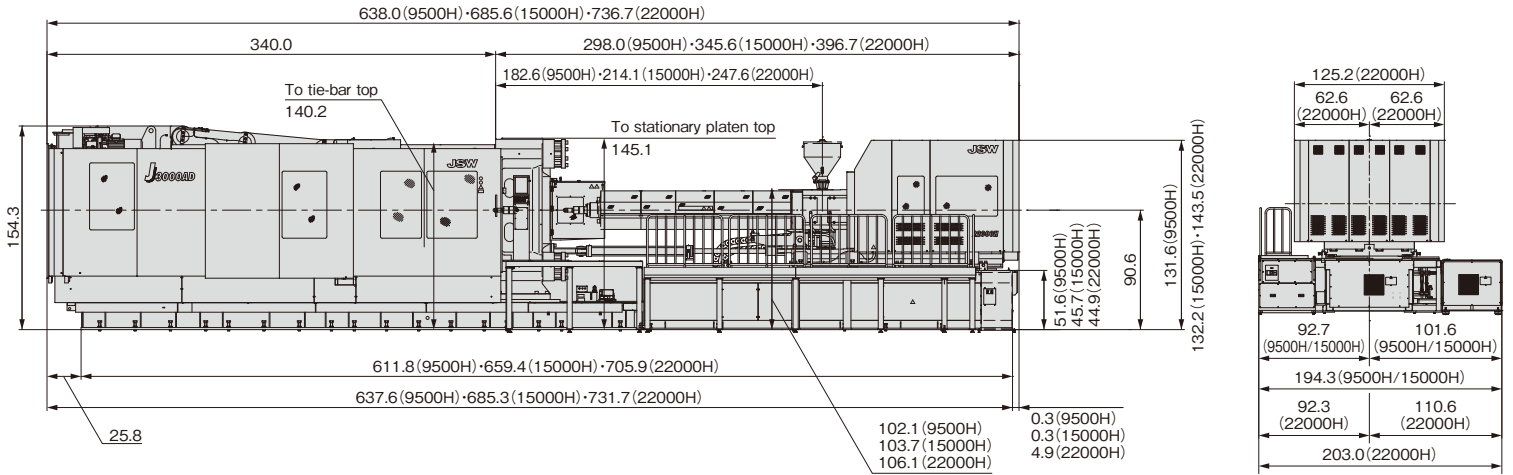


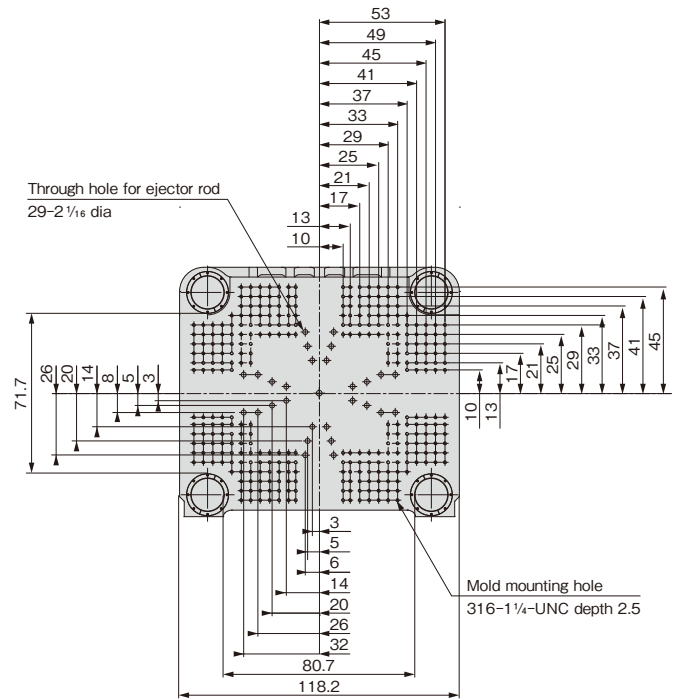
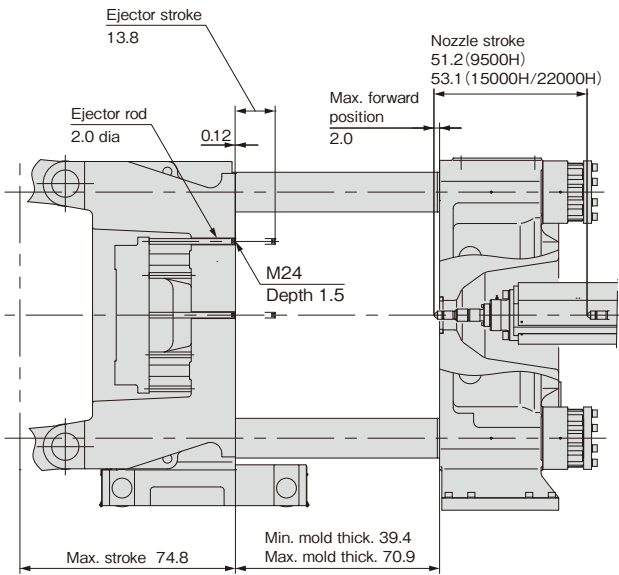
Equipment Dimensions and Mold Related Dimensions

Metric Unit: inch



Hopper Mount

Stationary Platen Top



Movable Platen

Performance Table

Unit	Item	Model	J3000AD								
			9500H			15000H			22000H		
Injection Unit	Screw barrel type		A	B	A	B	C	A	B	C	
	Screw diameter	in	5.12	5.51	5.91	6.30	6.69	6.69	7.09	7.48	
	Screw stroke	in	28.150			32.480			38.583		
	Theoretical injection capacity	in ³	579.1	671.7	889.7	1012.3	1142.8	1357.5	1521.9	1695.7	
	Injection capacity (PP/γ0.83)	oz	277.9	322.3	426.9	485.7	548.3	651.3	730.1	813.5	
	Injection pressuer (Max.)	Mpa	180	155	180	158	140	175	156	140	
		psi	26100	22400	26100	22900	20300	25300	22600	20300	
	Holding pressure (Max.)	Mpa	162	140	158	139	123	154	137	123	
		psi	23400	20300	22900	20100	17800	22300	19800	17800	
	Injection speed	in/s	5.12			5.12			4.72		
	Injection rate	in ³ /s	105.3	122.1	140.2	159.5	180.1	166.2	186.4	207.6	
	Plasticizing rate (PP/γ0.83)	oz/s	6.47	7.05	7.84	7.94	7.94	9.80	10.29	10.29	
	Screw speed	min ⁻¹ (rpm)	135	130	120	110	100	100	95	90	
	Nozzle touch force	kN	75			145			190		
		USton	8.4			16.3			21.4		
	Nozzle stroke from platen	in	2.0								
	Type of nozzle		Open nozzle								
	Barrel temperature control		Barrel 5, Nozzle 2								
	Heater wattage	kW	90.4			111			160		
	Clamping Unit	Mechanism		Double toggle							
Clamping force		kN	29400								
		USton	3305								
Daylight opening (Max.)		in	145.672								
Opening stroke (Max.)		in	74.80								
Mold height		in	39.370 to 70.867								
Platen speed		ft/s	3.77								
Distance between tie-bars (H x V)		in	80.7 x 71.7								
Platen size (H x V)		in	118.1 x 98.4								
Ejector point			29								
Ejector force		kN	400								
	USton	45.0									
Ejector stroke	in	13.780									
General	Machine weight	USton	237.0			241.4			253.5		
	Machine dimensions (L x W x H)	ft	53.15 x 16.08 x 12.80			57.09 x 16.08 x 12.80			61.35 x 17.06 x 12.80		

- Remarks: 1. Maximum injection pressure and maximum holding pressure may be restricted due to molding conditions.
 2. The theoretical injection capacity is (cross sectional area of barrel) x (stroke of screw).
 3. The injection capacity is applicable for PP and variable according to the grade of resin, molding conditions and mold.
 4. The plasticizing rate is applicable for PP.
 5. PC, HPVC, other engineering plastics, etc., low temperature setting and high speed molding may require a high torque depending on the grade or molding conditions.
 Please contact us if you plan.

- Notes: 1. Due to continual improvements, specifications are subject to change without notice.
 2. Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
 3. Performance specifications are based on theoretical data.
 4. 1 Mpa=10.2 kgf/cm², 1 kN=0.102 tf

■ Total Power Capacity

Machine Model		Total Power Capacity kVA
J3000AD	9500H	156
	15000H	178
	22000H	221

- Notes: 1. Total power capacity does not include external outlets.
 2. We recommend that the rated interrupting current of the main power supply breaker is more than 25 kA at AC400 V/460 V.

■ Cooling Water Capacity for Barrel Temperature Control

Injection Unit	Cooling Water Capacity for Barrel Temperature Control ft ³ /h
9500H/15000H	98.9
22000H	127.1

Note: The above figures do not include the required quantity of water for the mold temperature controller.

■ Hydraulic Oil Tank Capacity

Machine Model	Hydraulic Oil Tank Capacity USgal
9500H	7.9
15000H/22000H	26.4



JQA-QMA13993
JQA-EM6416