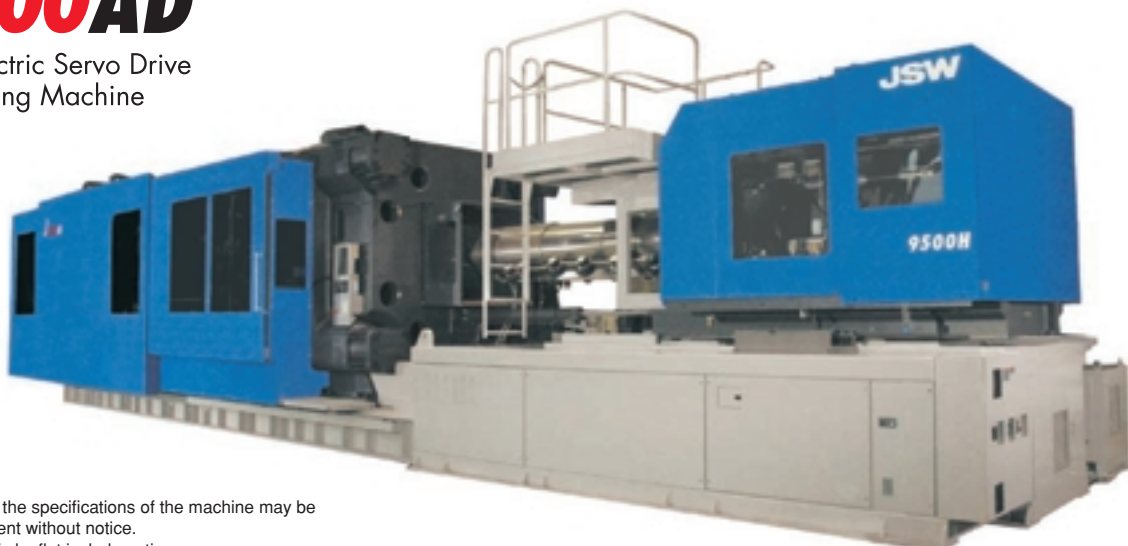


J2500AD

Ultra-Large Electric Servo Drive
Injection Molding Machine



- The appearance and the specifications of the machine may be altered for improvement without notice.
- The photograph in this leaflet include options.

Performance Table

Unit	Item	Model	J2500AD			
			9500H		15000H	
Injection Unit	Screw cylinder type		A	B	A	B
	Screw diameter	in	5.12	5.51	5.91	6.30
	Screw stroke	in	28.15		32.48	
	Theoretical injection capacity	in ³	579.15	671.73	889.71	1012.32
	Injection capacity (GP-PS)	oz	304.6	353.3	468.0	532.5
	Injection pressure(Max.)	psi	26100	22400	26100	22900
	Holding pressure(Max.)	psi	23400	20300	23400	20500
	Injection speed	in/s	5.12		5.12	
	Injection rate	in ³ /s	105.33	122.12	140.18	159.52
	Plasticizing rate (GP-PS)	oz/s	8.33	8.62	10.68	10.88
	Screw speed	rpm	135		120	110
	Nozzle touch force	U.S.ton	8.4		12.9	
	Nozzle stroke from platen	in	1.97			
	Type of nozzle		Open nozzle			
	Cylinder temperature control		Cylinder 5 / Nozzle 2			
	Heater wattage	kW	90		130	
Clamping Unit	Mechanism		Double toggle			
	Clamping force	U.S.ton	2765			
	Daylight opening (Max.)	in	137.80			
	Opening stroke (Max.)	in	70.87			
	Mold height	in	35.43~66.93			
	Distance between tie-bars (H×V)	in	80.71×69.69			
	Platen size (H×V)	in	114.18×100.40			
	Ejector point		37 points			
	Ejector force	U.S.ton	45.0			
Ejector stroke	in	13.78				
General	Machine weight	U.S.ton	216		220	
	Machine dimensions (L×W×H)	ft	53.48×14.76×12.47		56.76×14.76×12.47	

Remarks:

- 1.Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
- 2.The theoretical injection capacity is (cross sectional area of cylinder) × (st roke of screw) .
- 3.The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding conditions and mold.
- 4.The plasticizing rate is applicable for GP-PS.
- 5.PC, HPVC, other engineering plastic, 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.

Note:

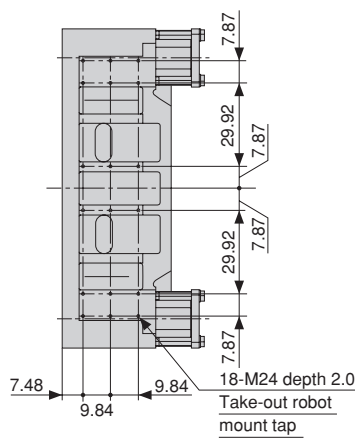
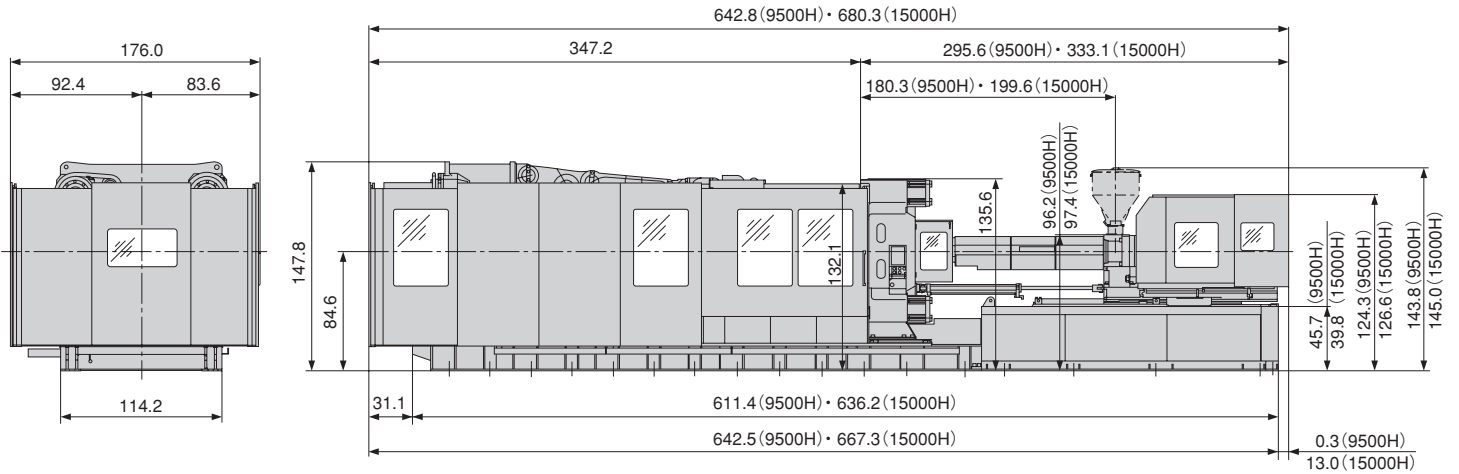
- 1.Due to continual improvements, specifications are subject to change without notice.
- 2.Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
- 3.Performance specifications are based on theoretical data.



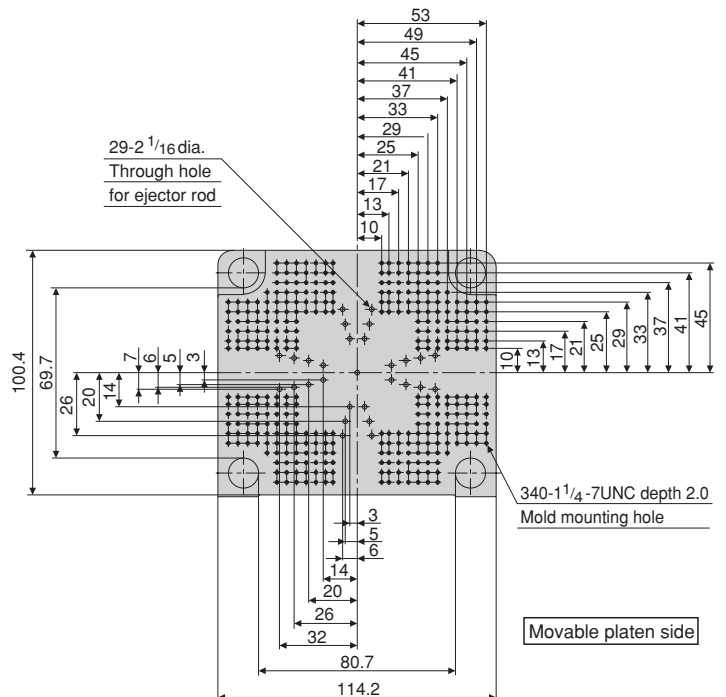
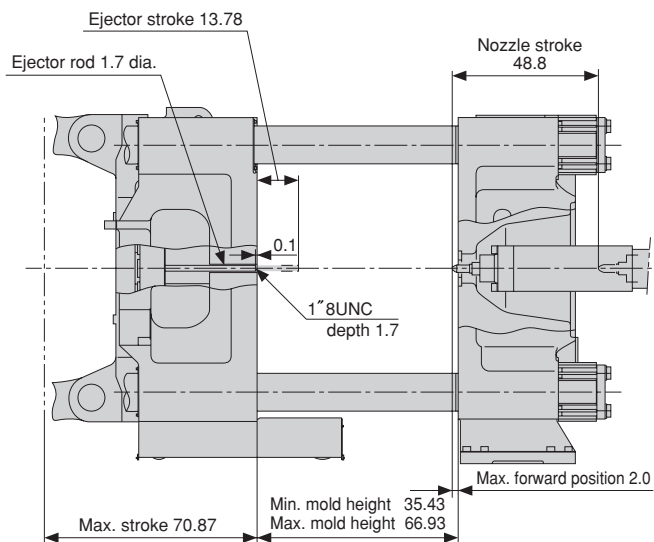
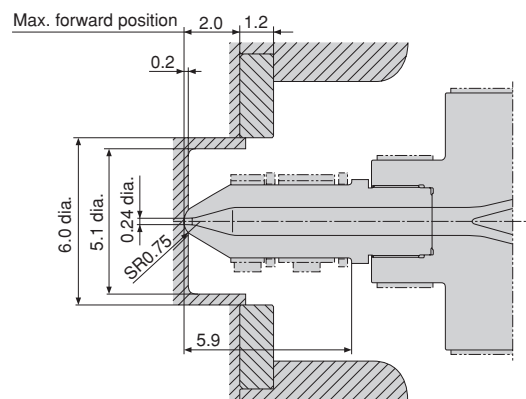
JSW Hiroshima Plant



JSW Injection Molding Machinery Division



Upper surface of stationary platen



■ Total Power Capacity

Machine Model	Total Power Capacity (kVA)
J2500AD 9500H	167
J2500AD 15000H	191

■ Cooling Water Capacity for Barrel Temperature Control

Machine Model	Cooling Water Capacity for Barrel Temperature control (ft ³ /h)
J2500AD 9500H	98.9
J2500AD 15000H	98.9

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