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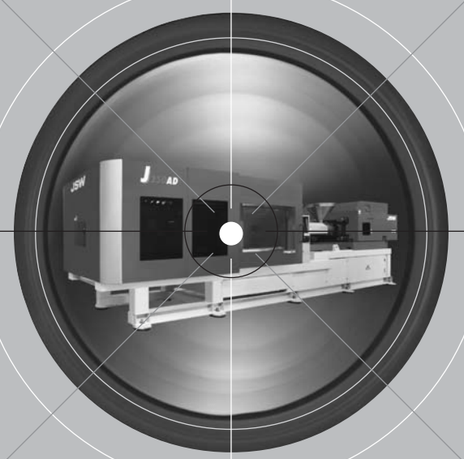
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Printed in Japan HO, AC, JI, AJ, C

JAD SERIES

All Electric Servo Drive
Injection Molding Machine



Specifications

Model
J220AD
J280AD
J350AD
J450AD

JSW

CERTIFIED JQA MANAGEMENT SYSTEM
ISO 9001
ISO 14001
JQA-QMA13993
JQA-EM6416

J220AD

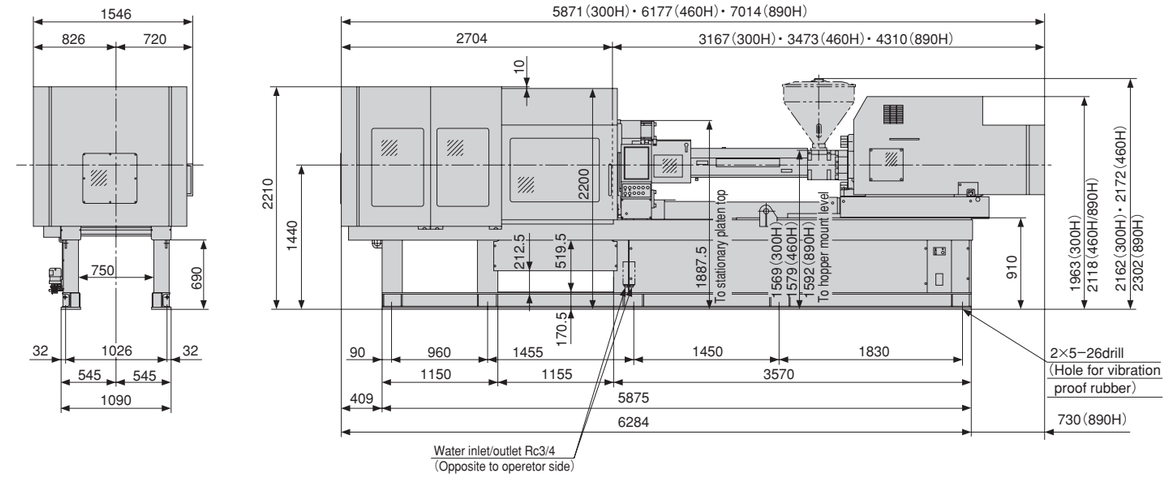
Performance Table

Unit	Item	Model	J220AD								
			300H			460H			890H		
Injection Unit	Screw barrel type		K	A	B	K (Option)	A	B	K (Option)	A	B
	Screw diameter	mm	40	46	51	46	53	58	58	66	72
	Screw stroke	mm	180			210			260		
	Theoretical injection capacity	cm^3	226	299	368	349	463	555	687	890	1059
	Injection capacity (GP-PS)	g	206	273	335	318	421	505	625	810	965
	Standard: Injection pressure (Max.)	MPa {kgf/cm^2}	250 {2550}	189 {1920}	154 {1570}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}
	Standard: Holding pressure (Max.)	MPa {kgf/cm^2}	227 {2310}	172 {1750}	140 {1420}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}
	Standard: Injection speed	mm/s	240			160			160		
	Standard: Injection rate	cm^3/s	302	399	490	266	353	423	423	547	651
	Standard: Plasticizing rate (GP-PS)	kg/h	130	184	232	115	163	197	197	282	336
	Standard: Screw speed	min^{-1}	400			250			250		
	High speed (Option): Injection pressure (Max.)	MPa {kgf/cm^2}	250 {2550}	189 {1920}	154 {1570}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}
	High speed (Option): Holding pressure (Max.)	MPa {kgf/cm^2}	227 {2310}	172 {1750}	140 {1420}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}
	High speed (Option): Injection speed	mm/s	330			300			270		
	High speed (Option): Injection rate	cm^3/s	415	548	674	499	662	793	713	924	1099
	High speed (Option): Plasticizing rate (GP-PS)	kg/h	130	184	232	161	228	275	197	282	336
	High speed (Option): Screw speed	min^{-1}	400			350			250		
	Nozzle touch force	kN {tf}	24.6 {2.5}						29.6 {3.0}		
	Nozzle stroke from platen	mm	50								
	Type of nozzle		Open nozzle (Tip type)								
	Barrel temperature control		Barrel 4 / Nozzle 1								
	Heater wattage	kW	13.0			17.8			23.8		
Clamping Unit	Mechanism		Double toggle								
	Clamping force	kN {tf}	2160 {220}								
	Daylight opening (Max.)	mm	1130								
	Opening stroke (Max.)	mm	550								
	Mold height	mm	230～580								
	Distance between tie-bars (H×V)	mm	590×590 (650×590)*								
	Platen size (H×V)	mm	870×870 (930×870)*								
	Ejector point		13 points								
	Ejector force	kN {tf}	44.2 {4.5}								
	Ejector stroke	mm	130								
General	Machine weight	t	12.2 (12.6)*			12.5 (12.9)*			12.9 (13.3)*		
	Machine dimensions (L×W×H)	m	6.29×1.55×2.21			6.29×1.55×2.21			7.01×1.55×2.21		

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 barrel) × (stroke 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.
4.High speed injection is optional.
5.The ( )* in the table is the value of wide platen specification. (option)
6.1MPa=10.2 kgf/cm^2,1kN=0.102tf

J220AD

Equipment Dimensions and Mold Related Dimensions



Upper surface of stationary platen

Hopper mount

Movable platen side

The ( )*mark size is the wide platen specification. (option)

J280AD

Performance Table

Unit	Item	Model	J280AD 460H K (Option)	460H A	460H B	890H K (Option)	890H A	890H B
Injection Unit	Screw barrel type		K (Option)	A	B	K (Option)	A	B
	Screw diameter	mm	46	53	58	58	66	72
	Screw stroke	mm	210			260		
	Theoretical injection capacity	cm^3	349	463	555	687	890	1059
	Injection capacity (GP-PS)	g	318	421	505	625	810	965
	Standard — Injection pressure (Max.)	MPa {kgf/cm^2}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}
	Standard — Holding pressure (Max.)	MPa {kgf/cm^2}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}
	Standard — Injection speed	mm/s	160			160		
	Standard — Injection rate	cm^3/s	266	353	423	423	547	651
	Standard — Plasticizing rate (GP-PS)	kg/h	115	163	197	197	282	336
	Standard — Screw speed	min^{-1}	250			250		
	High speed (Option) — Injection pressure (Max.)	MPa {kgf/cm^2}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}
	High speed (Option) — Holding pressure (Max.)	MPa {kgf/cm^2}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}
	High speed (Option) — Injection speed	mm/s	300			270		
	High speed (Option) — Injection rate	cm^3/s	499	662	793	713	924	1099
	High speed (Option) — Plasticizing rate (GP-PS)	kg/h	161	228	275	197	282	336
	High speed (Option) — Screw speed	min^{-1}	350			250		
	Nozzle touch force	kN {tf}	24.6 {2.5}			29.6 {3.0}		
	Nozzle stroke from platen	mm	50					
	Type of nozzle		Open nozzle (Tip type)					
	Barrel temperature control		Barrel 4 / Nozzle 1					
	Heater wattage	kW	17.8			23.8		
Clamping Unit	Mechanism		Double toggle					
	Clamping force	kN {tf}	2750 {280}					
	Daylight opening (Max.)	mm	1220					
	Opening stroke (Max.)	mm	600					
	Mold height	mm	250～620					
	Distance between tie-bars (H×V)	mm	630×630 (730×630)*					
	Platen size (H×V)	mm	935×935 (1035×935)*					
	Ejector point		13 points					
	Ejector force	kN {tf}	59.0 {6.0}					
	Ejector stroke	mm	150					
General	Machine weight	t	14.4 (15.0)*			15.2 (15.8)*		
	Machine dimensions (L×W×H)	m	6.64×1.75×2.21			7.36×1.75×2.21		

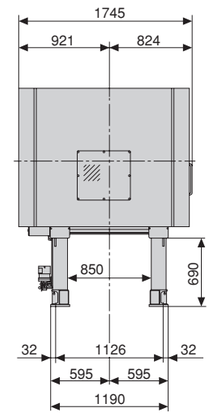
Remarks:
1. Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
2. The theoretical injection capacity is (cross sectional area of barrel) × (stroke of screw).
3. The injection capacity is applicable for GP-PS and variable according to the grade of resin, 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.

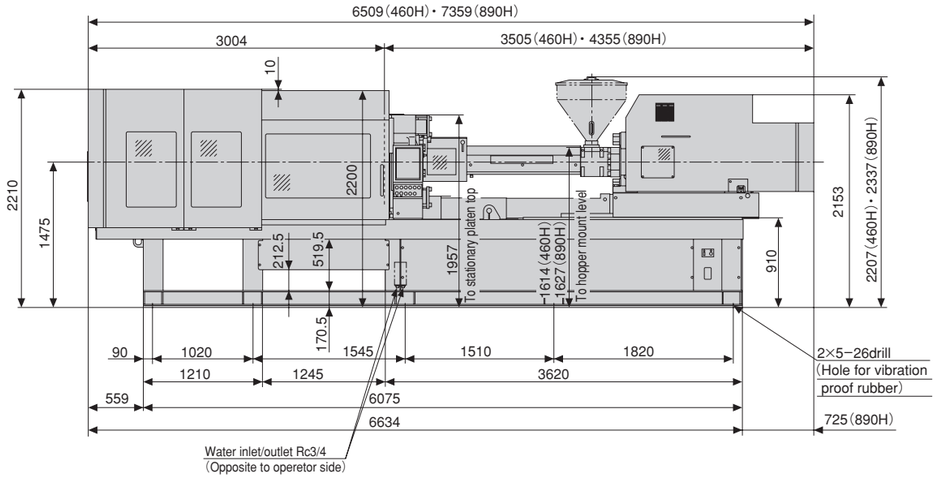
Note:
1. Due to continual improvements, specifications are subject to change without notice.
2. Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
3. Performance specifications are based on theoretical data.
4. High speed injection is optional.
5. The ( )* in the table is the value of wide platen specification. (option)
6. 1MPa=10.2 kgf/cm^2, 1kN=0.102tf

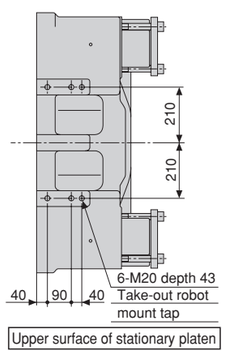
J280AD

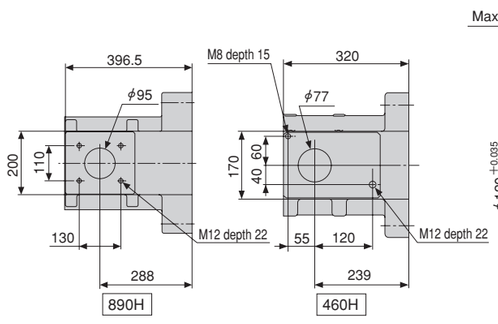
JAD SERIES

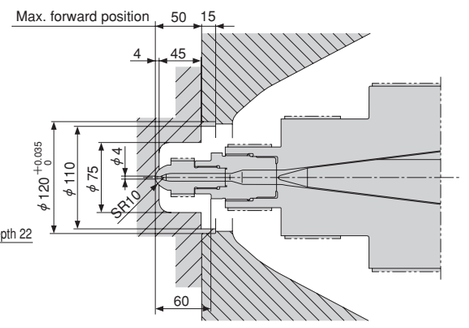
Equipment Dimensions and Mold Related Dimensions

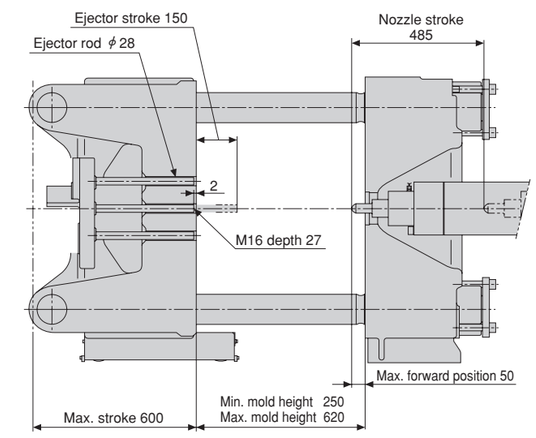


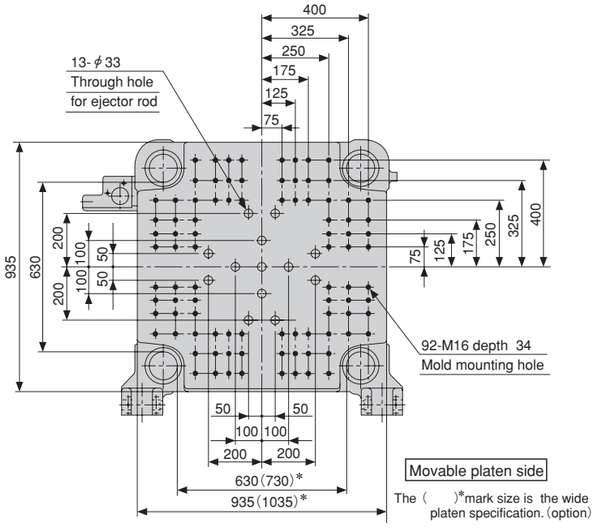












The ( )* mark size is the wide platen specification. (option)

JSW

J350AD

Performance Table

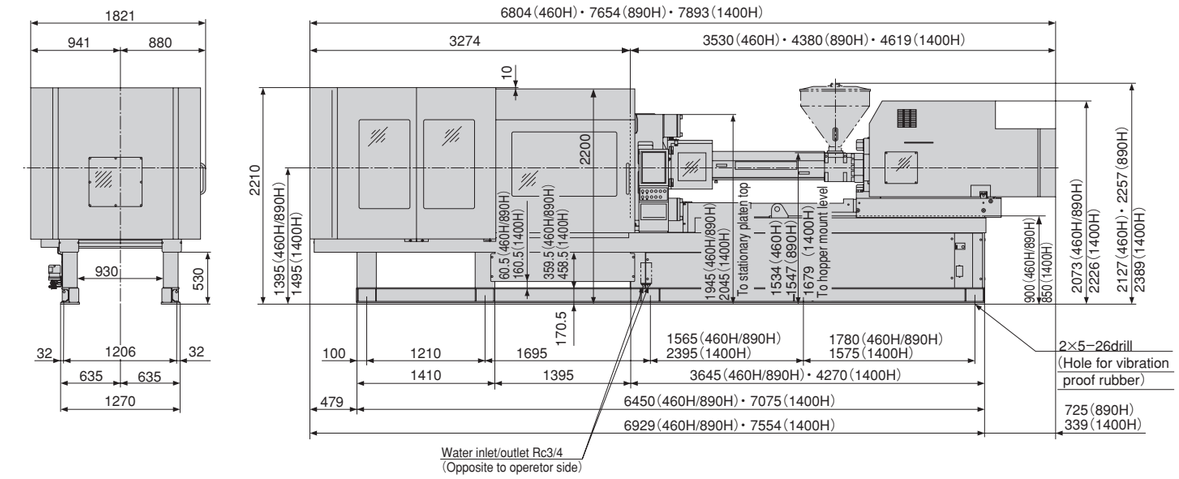
Unit	Item	Model	J350AD								
			460H			890H			1400H		
Injection Unit	Screw barrel type		K (Option)	A	B	K (Option)	A	B	K (Option)	A	B
	Screw diameter	mm	46	53	58	58	66	72	66	76	84
	Screw stroke	mm	210			260			300		
	Theoretical injection capacity	cm^3	349	463	555	687	890	1059	1026	1361	1663
	Injection capacity (GP-PS)	g	318	421	505	625	810	965	934	1238	1513
	Standard: Injection pressure (Max.)	MPa {kgf/cm^2}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}	241 {2450}	182 {1850}	149 {1510}
	Standard: Holding pressure (Max.)	MPa {kgf/cm^2}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}	216 {2200}	163 {1660}	134 {1360}
	Standard: Injection speed	mm/s	160			160			160		
	Standard: Injection rate	cm^3/s	266	353	423	423	547	651	547	726	887
	Standard: Plasticizing rate (GP-PS)	kg/h	115	163	197	197	282	336	237	338	418
	Standard: Screw speed	min^{-1}	250			250			210		
	High speed (Option): Injection pressure (Max.)	MPa {kgf/cm^2}	234 {2380}	177 {1800}	147 {1490}	229 {2330}	177 {1800}	149 {1510}	241 {2450}	182 {1850}	149 {1510}
	High speed (Option): Holding pressure (Max.)	MPa {kgf/cm^2}	213 {2170}	161 {1640}	134 {1360}	208 {2120}	161 {1640}	135 {1370}	216 {2200}	163 {1660}	134 {1360}
	High speed (Option): Injection speed	mm/s	300			270			270		
	High speed (Option): Injection rate	cm^3/s	499	662	793	713	924	1099	924	1225	1496
	High speed (Option): Plasticizing rate (GP-PS)	kg/h	161	228	275	197	282	336	237	338	418
	High speed (Option): Screw speed	min^{-1}	350			250			210		
	Nozzle touch force	kN {tf}	24.6 {2.5}			29.6 {3.0}			40.0 {4.1}		
	Nozzle stroke from platen	mm	50								
	Type of nozzle		Open nozzle (Tip type)								
	Barrel temperature control		Barrel 4 / Nozzle 1								
	Heater wattage	kW	17.8			23.8			34.7		
Clamping Unit	Mechanism		Double toggle								
	Clamping force	kN {tf}	3440 {350}								
	Daylight opening (Max.)	mm	1370								
	Opening stroke (Max.)	mm	700								
	Mold height	mm	300～670								
	Distance between tie-bars (H×V)	mm	730×730 (810×730)*								
	Platen size (H×V)	mm	1085×1085 (1115×1085)*								
	Ejector point		17 points								
	Ejector force	kN {tf}	59.0 {6.0}								
	Ejector stroke	mm	150								
General	Machine weight	t	18.9 (19.6)*			19.3 (20.0)*			21.5 (22.2)*		
	Machine dimensions (L×W×H)	m	6.93×1.82×2.21			7.65×1.82×2.21			7.89×1.82×2.23		

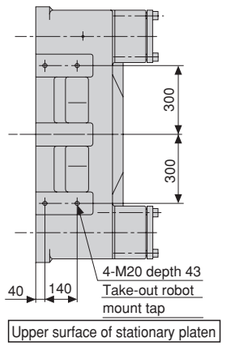
Remarks:
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2.The theoretical injection capacity is (cross sectional area of barrel) × (stroke of screw).
3.The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding conditions and mold.
4.The plasticizing rate 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.

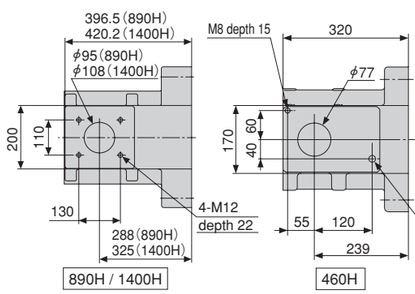
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3.Performance specifications are based on theoretical data.
4.High speed injection is optional.
5.The ( )* in the table is the value of wide platen specification. (option)
6.1MPa=10.2 kgf/cm^2,1kN=0.102tf

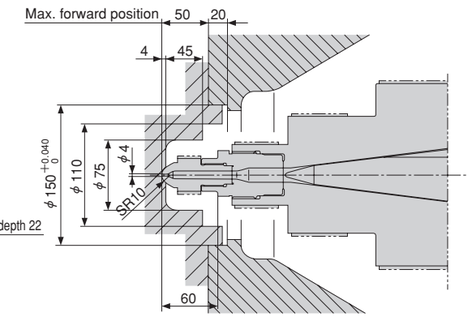
J350AD

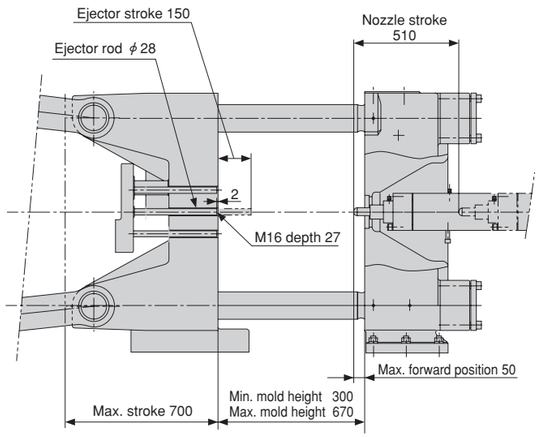
Equipment Dimensions and Mold Related Dimensions

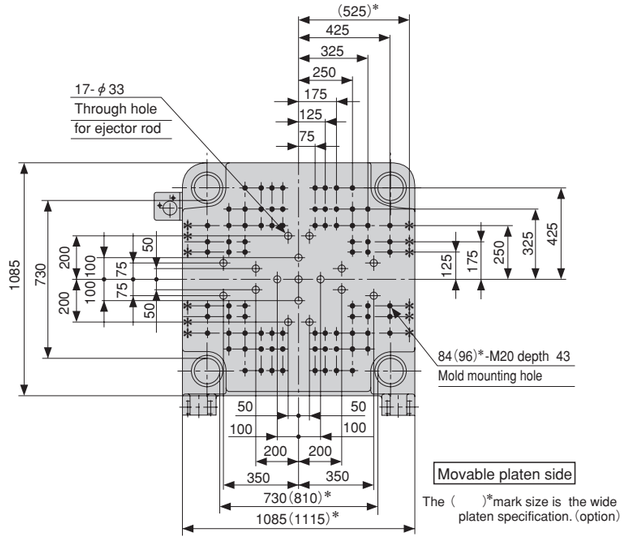












JSW

J450AD

Performance Table

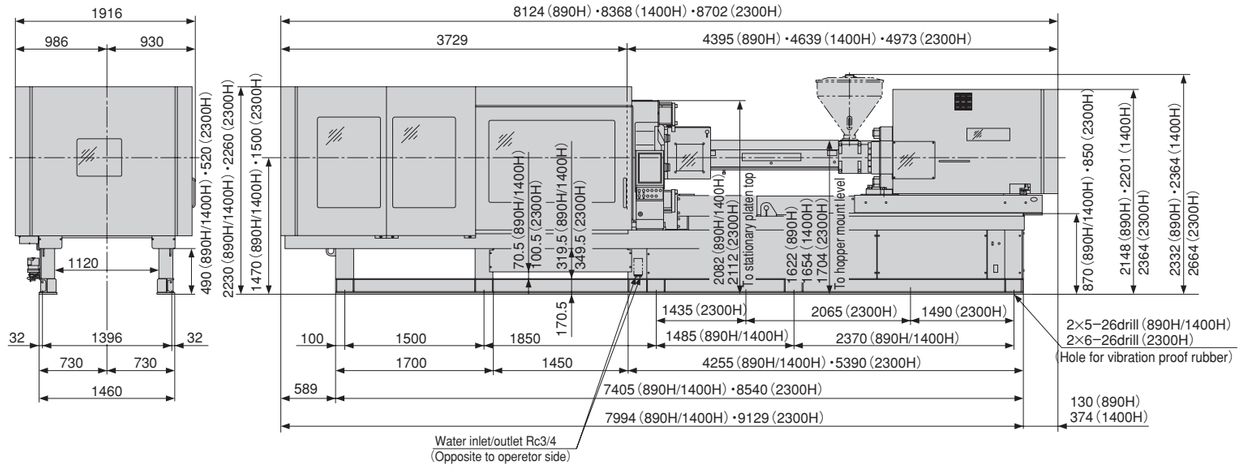
Unit	Item	Model	J450AD							
			890H			1400H			2300H	
Injection Unit	Screw barrel type		K (Option)	A	B	K (Option)	A	B	A	B
	Screw diameter	mm	58	66	72	66	76	84	84	92
	Screw stroke	mm	260			300			420	
	Theoretical injection capacity	cm^3	687	890	1059	1026	1361	1663	2328	2792
	Injection capacity (GP-PS)	g	625	810	965	934	1238	1513	2118	2541
	Standard — Injection pressure (Max.)	MPa {kgf/cm²}	229 {2330}	177 {1800}	149 {1510}	241 {2450}	182 {1850}	149 {1510}	190 {1930}	158 {1610}
	Standard — Holding pressure (Max.)	MPa {kgf/cm²}	208 {2120}	161 {1640}	135 {1370}	216 {2200}	163 {1660}	134 {1360}	171 {1740}	142 {1440}
	Standard — Injection speed	mm/s	160			160			160	
	Standard — Injection rate	cm^3/s	423	547	651	547	726	887	887	1064
	Standard — Plasticizing rate (GP-PS)	kg/h	197	282	336	237	338	418	420	470
	Standard — Screw speed	min^{-1}	250			210			200	180
	High speed (Option) — Injection pressure (Max.)	MPa {kgf/cm²}	229 {2330}	177 {1800}	149 {1510}	241 {2450}	182 {1850}	149 {1510}	—	—
	High speed (Option) — Holding pressure (Max.)	MPa {kgf/cm²}	208 {2120}	161 {1640}	135 {1370}	216 {2200}	163 {1660}	134 {1360}	—	—
	High speed (Option) — Injection speed	mm/s	270			270			—	—
	High speed (Option) — Injection rate	cm^3/s	713	924	1099	924	1225	1496	—	—
	High speed (Option) — Plasticizing rate (GP-PS)	kg/h	197	282	336	237	338	418	—	—
	High speed (Option) — Screw speed	min^{-1}	250			210			—	—
	Nozzle touch force	kN {tf}	29.6 {3.0}			40.0 {4.1}			65.0 {6.6}	
	Nozzle stroke from platen	mm	50							
	Type of nozzle		Open nozzle (Tip type)						Open nozzle	
	Barrel temperature control		Barrel 4 / Nozzle 1						Barrel 5 / Nozzle 1	
	Heater wattage	kW	23.8			34.7			39.2	
Clamping Unit	Mechanism		Double toggle							
	Clamping force	kN {tf}	4420 {450}							
	Daylight opening (Max.)	mm	1600							
	Opening stroke (Max.)	mm	800							
	Mold height	mm	350～800							
	Distance between tie-bars (H×V)	mm	810×810 (900×810)*							
	Platen size (H×V)	mm	1210×1210 (1300×1210)*							
	Ejector point		17 points							
	Ejector force	kN {tf}	99.0 {10.0}							
	Ejector stroke	mm	180							
General	Machine weight	t	23.4 (24.0)*			25.0 (25.6)*			29.0 (29.6)*	
	Machine dimensions (L×W×H)	m	8.12×1.92×2.23			8.37×1.92×2.23			9.13×1.92×2.40	

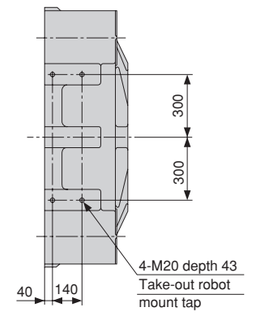
Remarks:
1.Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
2.The theoretical injection capacity is (cross sectional area of barrel) × (stroke of screw).
3.The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding 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.

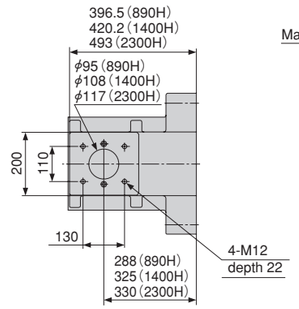
Note:
1.Due to continual improvements, specifications are subject to change without notice.
2.Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
3.Performance specifications are based on theoretical data.
4.High speed injection is optional.
5.The ( )* in the table is the value of wide platen specification. (option)
6.1MPa=10.2 kgf/cm², 1kN=0.102tf

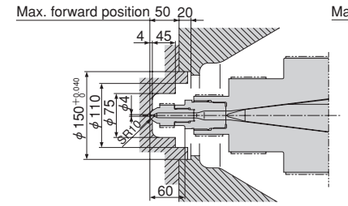
J450AD

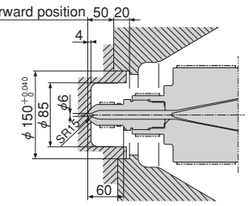
Equipment Dimensions and Mold Related Dimensions

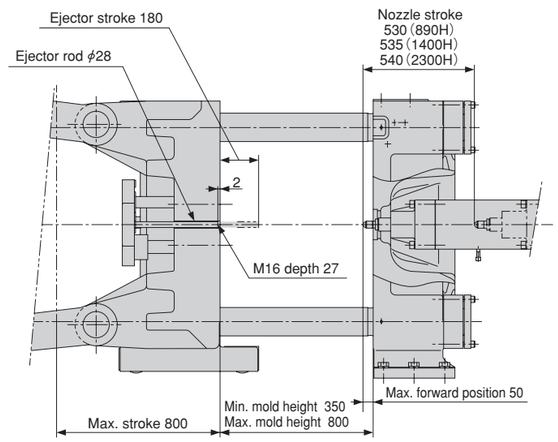


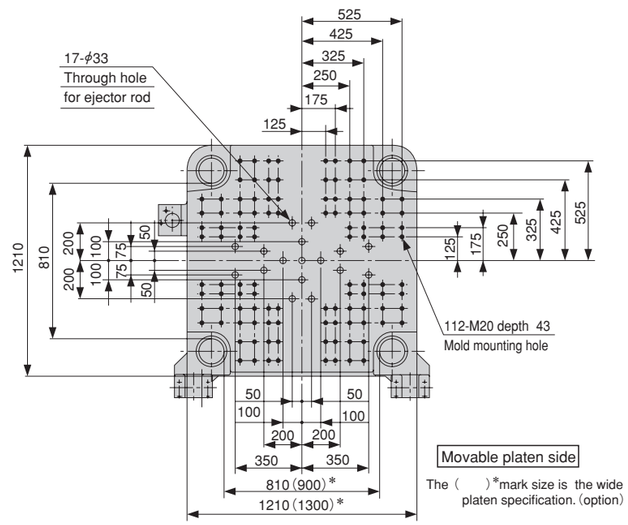












The ( )*mark size is the wide platen specification. (option)

Standard equipment

	Item		
Injection unit	Open nozzle (tip type) / (Injection units up to 1400H)		(Note 1)
	N2000F barrel		
	Chrome-plated screw		(Note 2)
	Screw pull-back		
	Purge cover (with limit switch)		
	Injection unit swiveling device (with limit switch)		
	Screw cold start prevention		
	Molding/Pause temperature select		
	Auto purging circuit		
	Nozzle retract select		
	Pull-back select		
	Auto grease lubrication		
	Injection/Metering programmed control	Injection/Holding pressure:1 to 6 steps (Variable) Metering/Back pressure:1 to 3 steps (Variable)	
	IVS control (Holding pressure transfer by speed detection)		
	Barrel temperature remote setting		
	Barrel temperature control (SSR)		(Note 3)
	Soft Pack Servo control		
	Hopper flange temperature control		
	IWCS (Injection Weight and Cushion Stability) control		
	Reverse seal control		
	Holding pressure control select		
	Synchronous temperature rise control		
Clamping unit	Grease-free toggle bushing		
	Auto grease lubrication		
	High-performance platen support		
	Flat press platen mechanism (Stationary side/Movable side)		
	Tie bar pre-tensioning mechanism		
	Mold open/close and ejection programmed control	Mold open/close: 4 steps (Fixed) Ejection: 1 to 3 steps (Variable)	
	Electric-driven mold thickness adjusting device		
	Mold thickness remote setting		
	Auto clamping force setting		
	Toggle type injection compression function	A-mode B-mode Compression: 1 to 6 steps (Variable)	
	Mold protection function		
	Clamping safety device (Electrical/Mechanical)		
	Robot mounting holes		

	Item	
Controller	Touch panel 15" TFT color LCD controller	
	120 mold conditions storage (Internal memory)	(Note 4)
	Soft start molding	
	USB printer port	(Note 5)
	Self diagnostics function	
	Overall setting screen	
	Help function	
	Pop-up display	
	Pre-heat timer	
	Compound action	
	Clock	
	Attended/unattended operation select	
	Product takeout robot circuit	
	Multi-language select (English, Chinese, Japanese)	
Monitor	Injection pressure overshoot alarm	
	Grease lubrication fault alarm	
	Servo fault alarm	
	Fault alarm buzzer	
	Statistical graph	
	Actual value display	
	Mold temperature display	(Note 6)
	Cumulative operating hour display	
	Barrel temperature monitor	
	Injection pressure monitor (IPM)	
	Osilloscope waveform monitor	
	Injection/Metering waveform monitor	
	Production monitor	
	Cycle monitor	
	Molding condition upper/lower limit monitor	(Note 7)
	Injection/Metering waveform storage	
	Heater system fault	
	Inspection and maintenance guide	(Note 8)
	Alarm history	
	Set value history	
Others	Cooling water closed circuit (with a flow indicator)	
	Accessories (Maintenance tools and Ejector rods,etc.)	

(Note)
1. Injection unit 2300H is open nozzle.
2. Screw of injection units 300H, 460H, 890H and 1400H, GP21 screw is equipped as standard.
   - Screw of injection unit 2300H, Hi-Melter MIII screw is equipped as standard.
   - Screw size of injection unit 300H, one set of K, A or B type is equipped as standard.
   - Screw size of injection units 460H, 890H, and 1400H, one set of A or B type is equipped as standard. (K size is option.)
   - Screw size of injection unit 2300H, one set of A or B type is equipped as standard.
3. Injection unit 2300H is controlled by magnetic contactor.
4. The external memory is capable of storing conditions for 1000 molds. Prepare commercial USB data storage media.
5. The printer and the printer cables are options.
6. Temperature sensors and electric wiring are not included.
7. A maximum of 8 items and alarms can be selected out of the following monitor items.
   ①Cycle time ②Injection time ③Metering time ④Cushion position ⑤Holding pressure end position ⑥Injection pressure ⑦Holding pressure transfer pressure ⑧Screw back pressure ⑨Metering end position ⑩Injection start position ⑪Holding pressure transfer position ⑫Mold open time ⑬Mold close time ⑭Metering torque ⑮Holding pressure transfer speed ⑯Mold inner pressure <option>
8. Indicates inspection times and items.

Options list

	Item	
Injection unit	Long nozzle	
	Various shut-off nozzles	(Note 1)
	KC nozzle	
	K size screw and barrel	(Note 2)
	M7 screw (High plasticization type)	
	HP screw (High dispersion type)	
	LSP-2 screw (Abrasion-resistant type)	
	One set of screws and barrels for molding optical products	
	Special screw	(Note 3)
	HT screw head	
	One set of screws and barrels for high temperature molding of super engineered plastics	
	Barrel insulation cover	
	Barrel blower cooling unit	
	Hopper (Option for all the region)	
	Hopper swiveling device	
	High-speed injection	(Note 4)
	High holding pressure molding (for long-time holding pressure molding)	(Note 5)
	Vented barrel	
Clamping unit	Wide platen (Stationary platen and Movable platen)	
	Daylight extension	
	Thermal insulation plate for platens	(Note 6)
	Various locating rings	
	Air jet	
	Core pull devices (Pneumatic type and Hydraulic type)	(Note 7)
	Unscrewing motor circuit	
	Ejector gate cutting device	
	Ejector plate return confirmation circuit	
	Valve gate device (Pneumatic type and Hydraulic type)	(Note 7)
	Product drop detector (Photoelectric)	
	Chute	
	Rejecting product detecting chute	
	Mold setup device	
	T-groove plate	(Note 6)
	Magnet mold clamper	(Note 6)
	Mold clamper	

	Item	
Electrical instrumentation and control	Multi-language select (Hangul, Spanish or French)	
	Simple centralized monitor system LINK10	(Note 8)
	Centralized control system NET100	(Note 9)
	Heater burnout alarm	
	Mold temperature display (with mold temperature upper/lower limit alarm)	
	Mold temperature control device (with mold temperature upper/lower limit alarm)	
	Printer (with a printer cable)	
Other	Cooling water open circuit device	
	Cooling water failure warning	
	Leveling pad for installation	
	Rotary warning light	
	Export specification	(Note 10)
	Designated color	(Note 11)

(Note)
1. A spring type SVN shutoff nozzle, a pneumatic shut-off nozzle and a hydraulic shut-off nozzle can be mounted. For the hydraulic type, a separate hydraulic unit is needed. For injection units 180H or smaller, a pneumatic shut-off device is provided as a standard option. Regarding the hydraulic shut-off device, discussion is needed separately.
2. The high-speed injection specification applies to the injection units, 460H, 890H and 1400H.
3. Regarding special screws, contact us separately.
4. The high-speed injection specification applies to the injection units 300H, 460H, 890H and 1400H. The injection speed differs depending on injection unit.
5. The motor is prevented from being overloaded in a long holding time and high holding pressure molding condition.
6. When applied, extended nozzle is required. Note that the usable mold thickness range will change.
7. For the hydraulic type, a separate hydraulic unit is needed.
8. The LINK10 has actual data collection, molding condition control and remote control functions.
9. The NET100 has quality control and production control functions in addition to the functions that the LINK10 has.
10. Regarding the export specifications, separate discussion is needed in some cases, depending upon the export destination.
11. Designate colors, referring to color samples or Munsell codes.

Utilities

■ Total Power Capacity

Machine Model		Total Power Capacity (kVA)	
		Standard Injection	High Speed Injection
J220AD	300H	20.1	27.5
	460H	29.5	44.3
	890H	36.8	56.2
J280AD	460H	29.9	44.7
	890H	37.1	56.5
J350AD	460H	30.0	45.0
	890H	38.0	57.0
	1400H	51.0	75.0
J450AD	890H	38.0	57.4
	1400H	51.0	75.0
	2300H	55.9	—

Note: 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 AC400V/460V.

■ Cooling Water Capacity for Barrel Temperature Control

Machine Model	Cooling Water Capacity for Barrel Temperature control (m^3/h)
300H	0.4
460H	
890H	
1400H	0.6
2300H	1.2

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