

Main Performance Table

Item		Unit	J220ADS									J280ADS					
Injection Unit			300H			460H			890H			460H			890H		
Screw Diameter		mm	40	46	51	46	53	58	58	66	72	46	53	58	58	66	72
Theoretical Injection Capacity		cm ³	226	299	368	349	463	555	687	890	1059	349	463	555	687	890	1059
Injection Capacity (GP-PS)		g	206	273	335	318	421	505	625	810	965	318	421	505	625	810	965
Injection Pressure (Max.)		MPa	250	189	154	234	177	147	229	177	149	234	177	147	229	177	149
		kgf/cm ²	2250	1920	1570	2380	1800	1490	2330	1800	1510	2380	1800	1490	2330	1800	1510
Holding Pressure (Max.)		MPa	227	172	140	213	161	134	208	161	135	213	161	134	208	161	135
		kgf/cm ²	2310	1750	1420	2170	1640	1360	2120	1640	1370	2170	1640	1360	2120	1640	1370
Injection Speed (Max.)		Standard	240			160			160			160			160		
		High(Optional)	330			300			270			300			270		
Plasticizing Rate (GP-PS)		Standard	130	184	232	115	163	197	197	282	336	115	163	197	197	282	336
		High(Optional)	130	184	232	161	228	275	197	282	336	161	228	275	197	282	336
Clamping Force		kN(tf)	2160 (220)									2750 (280)					
Daylight Opening (Max.)		mm	1230									1320					
Opening		mm	550									600					
Mold Height		mm	230-680									250-720					
Distance Between Tie-bars (HxV)		mm	650×590									730×630					
Machine Dimensions (LxWxH)		L	6.36			6.36			7.02			6.58			7.28		
		W	1.68			1.68			1.68			1.76			1.76		
		H	2.00			2.03			2.06			2.08			2.11		

Remarks

1. Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
 2. High speed injection is optional
 3. 1MPa=10.2kgf/cm², 1kN=0.102tf
 4. Due to continual improvements, specifications are subject to change without notice.
- * Please refer to the product brochure or contact sales association for the detail.



Main Performance Table

Item		Unit	J350ADS									J450ADS								
Injection Unit			460H			890H			1400H			890H			1400H			2300H		
Screw Diameter		mm	46	53	58	58	66	72	66	76	84	58	66	72	66	76	84	84	92	
Theoretical Injection Capacity		cm ³	349	463	555	687	890	1059	1026	1361	1663	687	890	1059	1026	1361	1663	2328	2792	
Injection Capacity (GP-PS)		g	318	421	505	625	810	965	934	1238	1513	625	810	965	934	1238	1513	2118	2541	
Injection Pressure (Max.)		MPa	234	177	147	229	177	149	241	182	149	229	177	149	241	182	149	190	158	
		kgf/cm ²	2380	1800	1490	2330	1800	1510	2450	1850	1510	2330	1800	1510	2450	1850	1510	1930	1610	
Holding Pressure (Max.)		MPa	213	161	134	208	161	135	216	163	134	208	161	135	216	163	134	171	142	
		kgf/cm ²	2170	1640	1360	2120	1640	1370	2200	1660	1360	2120	1640	1370	2200	1660	1360	1740	1440	
Injection Speed (Max.)		Standard	160			160			160			160			160			160		
		High(Optional)	300			270			300			270			300					
Plasticizing Rate (GP-PS)		Standard	115	163	197	197	282	336	237	338	418	197	282	336	237	338	418	420	470	
		High(Optional)	161	228	275	197	282	336	237	338	418	197	282	336	237	338	418			
Clamping Force		kN(tf)	3440 (350)									4420 (450)								
Daylight Opening (Max.)		mm	1470									1700								
Opening		mm	700									800								
Moid Height		mm	300-770									350-900								
Distance Between Tie-bars (HxV)		mm	810×730									900×810								
Machine Dimensions (LxWxH)		L	6.99			7.61			7.80			8.05			8.25			9.13		
		W	1.95			1.95			1.95			2.10			2.10			2.10		
		H	2.09			2.09			2.15			2.20			2.21			2.36		

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