



Main Specifications

	Unit	TT-55HR2			TT-90HR2			TT-150HR2		
▼Injection Unit										
Injection System	-	In-line screw			In-line screw			In-line screw		
Injection Stroke	inch	3.937			5.118			6.3		
Screw diameter	inch	1.10	1.26	1.42	1.26	1.42	1.57	1.57	1.81	
Normal inection capacity	in ³	3.7	4.9	6.2	6.3	8.1	9.9	12.2	16.2	
* Injection capacity (ps)	oz	2.0	2.7	3.4	3.5	4.4	5.5	6.7	8.8	
Injection rate	High Pressure	in ³ /sec	5.4	7.1	9.0	6.7	8.4	10.4	9.0	12.0
	High Velocity	in ³ /sec	6.3	8.3	10.5	7.4	9.3	11.5	-	-
Injection pressure	High Pressure	psi	34,128	28,767	22,667	34,128	29,748	24,088	27,971	21,145
	High Velocity	psi	31,938	24,458	19,325	33,886	26,776	21,686	-	-
Recovery Rates	oz/sec	0.4	0.5	0.7	0.5	0.6	0.7	0.8	1.1	
Screw revolution	rpm	10 to 350			10 to 320			15 to 285		
Nozzle pressing force	U.S.ton	2			2			2.5		
Hopper capacity	gal	10.6			10.6			14.5		
Screw drive system	-	Hydraulic motor			Hydraulic motor			Hydraulic motor		
▼Clamping Unit										
Number of stations	-	2[180°-REVERSIBLE]			2[180°-REVERSIBLE]			2[180°-REVERSIBLE]		
Clamping system	-	Vertically moving hydraulic system			Vertically moving hydraulic system			Vertically moving hydraulic system		
Clamping force	U.S.ton	55			90			150		
Opening force		5.9			7.5			9.3		
Clamping stroke	inch	9.84			9.84			11.02		
Min. mold height	inch	7.87			7.87			9.84		
Daylight	inch	17.71			17.71			20.87		
Table diameter	inch	43.3			48.03			54.53		
Ejector force	U.S.ton	3.5 [3-point ejecting]			4.5 [3-point ejecting]			4.5 [3-point ejecting]		
Ejector stroke	inch	2.00			2.00			2.95		
Rotary table height	inch	40.16			41.34			47.05		
Nozzle center height	inch	5.2 [from table surface]			5.2 [from table surface]			5.9[from table surface]		
Max lower mold-half weight	lb	295 x 2 pcs			440 x 2 pcs			705 x 2 pcs		
▼Others										
Heater capacity	kw	5.8			7.3			8.65		
Pump motor	kw	15.0			18.5			18.5		
Oil tank capacity	gal	48.8			48.8			60.8		
Machine dimensions(LxWxH)	inch	125.3x53.6x79			133x58.3x83.5			157x78.5x92		
Machine Weight	U.S.ton	4.2			5.7			7.3		

- Notes:
1. Figures in are optional.
 2. The specifications are subject to change without any legal obligation on the part of the manufacture.
 3. The figures marked (*) vary according to molding conditions.

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