



# Main Specifications

	Unit	Ti-35H			Ti-55H			Ti-90H			TM-110		
<b>▼Injection Unit</b>													
System		In-line screw			In-line screw			In-line screw			In-line screw		
Injection stroke	in	3.35			3.94			5.12			5.70		
Screw diameter	in	(0.79)	0.94	(1.10)	(1.10)	1.26	(1.42)	(1.26)	(1.42)	1.57	(1.26)	(1.42)	
Nominal Injection capacity	in <sup>3</sup>	(1.6)	2.3	(3.1)	(3.7)	4.9	(6.2)	(6.3)	(8.1)	9.9	(7.1)	(9.0)	
*Injection capacity (PS)	oz	(0.9)	1.3	(1.8)	(2.0)	2.7	(3.4)	(3.5)	(4.4)	5.5	(3.9)	(4.9)	
Injection rate	High pressure	in <sup>3</sup> /sec	(2.3)	3.3	(4.6)	(5.4)	7.1	(9.0)	(6.7)	(8.4)	10.4	(6.7)	(8.4)
	High velocity	in <sup>3</sup> /sec				(6.3)	8.3	(10.5)	(7.4)	(9.3)	11.5		
Injection pressure	High pressure	psi	(35,763)	30,843	(22,652)	(34,128)	28,767	(22,667)	(34,128)	(29,748)	24,088	(34,128)	(29,748)
	High velocity	psi				(31,938)	24,458	(19,325)	(33,886)	(26,776)	21,686		
Recovery rate (PS)	oz/sec	(0.1)	0.2	(0.3)	(0.4)	0.5	(0.7)	(0.5)	(0.6)	0.7	(0.5)	(0.6)	
Screw revolution	r. p. m.	15~320			10~350			10~320			10~320		
Nozzle pressing force	U. S. ton	2.4			6.3			6.3			6.3		
Hopper capacity	gal	5.3			10.6			10.6			10.6		
Screw drive system		Hydraulic motor			Hydraulic motor			Hydraulic motor			Hydraulic motor		
<b>▼Clamping Unit</b>													
Clamping system		Double toggle			Double toggle			Double toggle			Double toggle		
Clamping force	U. S. ton	35			55			90			110		
Clamping stroke	in	9.06			10.60			12.60			14.17		
Min. mold height	in	4.72			5.91			5.91			5.91		
Max. mold height	in	9.84			12.6			13.78			16.93		
Tie bar clearance (H × V)	in	10.24 × 10.24			12.80 × 12.80			14.76 × 14.76			16.14 × 16.14		
Die plate size (H × V)	in	14.69 × 14.69			18.11 × 18.11			21.26 × 20.67			22.83 × 22.83		
Ejector force	U. S. ton	1.8			3.6			4.5			4.5		
Ejector stroke	in	1.97			2.36			3.15			3.15		
Mechanical stopper adjustable range	in	-			-			-			10.0 ~ 14.0		
<b>▼Others</b>													
Heater capacity	kw	3.05			5.1			6.15			6.15		
Pump motor	kw (hp)	7.5 (10)			15.0 (20)			18.5 (25)			18.5 (25)		
Mold height adjust motor	kw (hp)	0.1 (1/8)			0.1 (1/8)			0.1 (1/8)			0.2 (1/4)		
Oil tank capacity	gal	22.5			42.3			42.3			42.3		
Machine dimension (L × W × H)	in	111.0 × 34.6 × 65.4			140.3 × 38.5 × 71.9			148.1 × 41.0 × 73.0			167.3 × 42.4 × 73.0		
Machine weight	U. S. ton	1.7			2.9			4.2			5.2		

Specifications are subject to change without any legal obligation on the part of the manufacturer.