

TYPES OF MACHINE		SH280			SH320			SH380			SH480			SH680	
		A	B	C	A	B	C	A	B	C	A	B	C	A	B
Injection Station Part	Unit	A	B	C	A	B	C	A	B	C	A	B	C	A	B
Screw diameter	mm	58	62	68	68	74	80	72	76	80	78	84	90	95	100
Injection pressure	Mpa	190	166	138	194	164	140	176	167	150	181	156	136	152	137
Screw L/D ratio	----	21.3:1	20:1	18.2:1	21.7:1	20:1	18.5:1	20.5:1	20:01	19:01	25.1:1	20:1	18.7:1	20:1	19:1
Screw stroke	mm	280			280			331			380			398	
injection volume	cm3	740	845	1017	1017	1204	1407	1423	1501	1663	1815	2106	2417	2820	3124
Theoretic Injection weight(PS)	g	699	798	960	960	1138	1330	1345	1419	1572	1716	1990	2284	2774	3012
	OZ	24.6	28.1	33.8	33.8	40	46.8	47.3	50	55.3	60.4	70	88.4	94	104
Injection Station Impetus	KN	80			85			90			150			167	
Screw speed	r.p.m	144			150			150			130			0-140	
Shot stroke	mm	365			380			400			450			600	
Clamping Unit	Unit														
Clamping force	KN	2800			3200			3800			4800			6800	
Clamping stroke	mm	560			650			710			810			930	
Mould Thickness	mm	200-650			280-700			300-760			300-800			480-1000	
Space between tie bars	mm	630x560			690x620			730x650			830x750			930x930	
Ejector force	KN	70			70			110			110			170	
Ejector stroke	mm	170			170			200			200			320	
Ejecter Pin Number	----	8+1			8+1			12+1			12+1			12+5	
Others	Unit														
Hydraulic system power	Mpa	17.5			17.5			17.5			17.5			16	
Temp. control zones	----	4+1			4+1			5+1			5+1			6+1	
Pump motor power	KW	22.5			30			37			45			22+37	
Heating power	KW	12.5			15			18.5			22			35	
Overall Electric Power	KW	35			45			43.5			67			94	
Net Weight	t	10			13.5			16			25			43	
Sizes(LxWxH)	m	6.0x1.35x2.0			6.6x1.4x2.2			7.2x1.6x2.3			7.55x1.6x2.35			10x1.9x2.5	
Oil Box Capacity	L	600			900			1000			1100			1300	