

TYPES OF MACHINE		SH80		SH100		SH120		SH160		SH200			SH250		
Injection Station Part	Unit	A	B	A	B	A	B	A	B	A	B	C	A	B	C
Screw diameter	mm	35	40	40	45	45	50	50	55	50	54	58	56	60	64
Injection pressure	Mpa	160	122.4	168	133	174	141	173	143	212	182	157	218	190	167
Screw L/D ratio	----	21:1	18.5:1	21:1	18.6:1	21:1	19:1	21:1	19:1	21.6:1	20:1	18.6:1	21.4:1	20:1	18.75:1
Screw stroke	mm	135		150		172		186		192			260		
injection volume	cm3	130	170	188	239	274	338	365	442	465	542	626	640	735	836
Theoretic Injection weight(PS)	g	122	160	178	225	258	319	345	417	446	512	592	605	694	790
	<b>OZ</b>	<b>4.3</b>	<b>5.6</b>	<b>6.2</b>	<b>7.9</b>	<b>9.1</b>	<b>11.2</b>	<b>12.1</b>	<b>14.7</b>	<b>15.7</b>	<b>18</b>	<b>20.8</b>	<b>21.3</b>	<b>24.5</b>	<b>27.8</b>
Injection Station Impetus	KN	32		45		54		60		60			70		
Screw speed	r.p.m	190		270		180		150		133			150		
Shot stroke	mm	20		220		260		260		280			320		
Clamping Unit	Unit														
Clamping force	KN	800		1000		1200		1600		2000			2500		
Clamping stroke	mm	280		320		350		400		480			560		
Mould Thickness	mm	125-370		130-400		175-450		175-500		175-550			200-600		
Space between tie bars	mm	355x315		380x340		410x360		460x400		530x460			580x500		
Ejector force	KN	27		34		34		43		55			61		
Ejector stroke	mm	60		80		80		100		150			150		
Ejecter Pin Number	----	1		1		1		4+1		4+1			4+1		
<b>Others</b>	<b>Unit</b>														
Hydraulic system power	Mpa	14		14		14		14		16			16		
Temp. control zones	----	2+1		3+1		3+1		3+1		4+1			4+1		
Pump motor power	KW	7.5		11		11		15		18.5			22.5		
Heating power	KW	7		8.5		9.5		11.8		12			12.5		
Overall Electric Power	KW	14.5		19.5		21.5		26.8		30.5			35		
Net Weight	t	3		3.8		4.2		5		9			9.5		
Sizes(LxWxH)	m	3.6x0.85x1.5		3.85x0.88x1.55		4.25x0.95x1.8		4.7x1.05x1.9		5.6x1.25x1.8			5.8x1.35x2		
Oil Box Capacity	L	170		190		240		340		420			500		