

SENVO ES ELECTRIC MACHINE SERIES



Technical Parameters

MODEL		ES 1000			ES 1500			ES2000			ES 2500		
		I 180			I 500			I 700			I1100		
INJECTION UNIT	UNIT	A	B	C	A	B	C	A	B	C	A	B	C
Injection Weight	cm ³	64	80	105	173	226	286	276	350	485	414	574	687
Shot Weight	g	59	74	96	159	208	263	254	322	447	380	528	632
Screw Diameter	mm	25	28	32	35	40	45	40	45	53	45	53	58
Screw L/D Ratio		22	20	18	22	20	18	22	20	18	22	20	18
Injection Rate	cm ³ /s	123	154	201	241	314	398	314	398	552	398	552	661
Injection Pressure	Mpa	296	236	181	289	221	175	259	205	148	273	197	164
Holding Pressure	Mpa	237	189	145	231	177	140	209	165	119	218	157	131
Plasticization Capacity	g/s	8.5	11.2	14.5	20.5	29.5	40.8	29.5	40.8	61.2	35.8	53.6	69.2
Max Injection Speed 1	mm/s	250			250			250			250		
Max Injection Speed 2	mm/s	400			400			360			350		
Max Screw Speed	rpm	400			400			400			350		
Injection Stroke	mm	130			180			220			260		
CLAMPING UNIT													
Clamping Force	Kn	1000			1500			2000			2500		
Clamping Stroke	mm	420			500			560			630		
Space Between Tie Bar(H*V)	mm	410 X 410			510 X 510			580 X 580			630 X 630		
Max. Daylight	mm	870			1000			1120			1260		
Mould Height(min-max)	mm	200-450			225-500			250-560			275-630		
Ejector Stroke	mm	130			150			175			175		
Ejector Force	Kn	27			34			49			49		
System Pressure	Mpa	17.5			17.5			17.5			17.5		
Heater Power	Kw	6.8			11.5			13.6			20.5		
Total Power 1	Kw	26.8			48.1			57.3			76.5		
Total Power 2	Kw	35.1			67.5			69.6			87.5		
No. of Heater Control Zone	zone	4			4			5			5		
OTHERS													
Oil Tank Capacity	L	180			200			220			240		
Machine Weight	T	4.1			6.3			8.5			11.4		
Machine Dimension(L*W*H)	M	5.2X1.3X1.9			5.7X1.4X1.9			6.3X1.6X2.0			6.9X1.7X2.1		