

Thermosetting Plastic Injection Molding Machine Specification



Model		SUN-80U			SUN-110U			SUN-150U			SUN-200U			SUN-250U			SUN-320U			SUN-360U			SUN-420U	
		mm	g	oz	cm ³	kg/cm ²	cm ³ /sec	rpm	Ton	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
Screw diameter	mm	φ28	φ32	φ36	φ34	φ38	φ42	φ42	φ45	φ48	φ45	φ50	φ55	φ55	φ60	φ65	φ60	φ65	φ70	φ65	φ70	φ75	φ70	φ75
Shot weight(PS)	g	114	151	194	136	225	278	340	390	445	420	518	627	716	835	1002	905	1099	1274	1240	1405	1612	1600	1836
	oz	4.0	5.3	6.8	6.4	7.9	9.8	12.1	13.7	15.6	14.7	20.1	21.9	25	29.4	35.2	33.0	38.7	44.8	42.5	49.4	56.7	56.2	64.6
Shot volume (Theoretical)	cm ³	92	120	154	145	181	222	270	310	353	334	412	499	570	654	796	743	879	1019	962	1115	1281	1288	1479
Injection pressure	kg/cm ²	2142	1640	1295	2282	1827	1495	1777	1545	1360	1772	1435	1186	1832	1540	1312	1867	1590	1321	1822	1571	1368	1988	1732
Injection Rate	cm ³ /sec	65	86	108	66	86	108	122	140	159	167	206	249	177	211	247	249	293	343	253	293	336	292	336
Screw Speed	rpm	216			250			235			200			140			160			160			112	
Clamp Tonnage	Ton	80			110			150			200			250			320			360			420	
Toggle stroke	mm	220			295			350			400			430			470			530			600	
Min. Max. Mould Height	mm	75 - 310			110 - 400			110 - 485			120 - 525			150 - 675			175 - 660			200 - 765			200 - 850	
Space Between Tie Bars	mm	305 × 220			355 × 355			410 × 410			460 × 460			510 × 510			560 × 560			610 × 610			700 × 650	
Ejector stroke	mm	65			115			115			120			150			150			150			200	
Platen Size (L*W) (Approx)	mm	470 × 455			530 × 559			605 × 623.5			711 × 726.5			811 × 809			902 × 902			930 × 937			1046 × 1030	
Pump motor power	kw	7.5			11			15			18.5			22			30			30			37	
Hydraulic oil Reservoir	L	145			180			200			250			340			470			500			700	
Machine dimension(L*W*H)	m	3.4 × 0.85 × 1.4			4.1 × 1.1 × 1.5			4.5 × 1.2 × 1.6			4.9 × 1.3 × 1.9			5.7 × 1.4 × 1.9			6.5 × 1.4 × 1.9			6.5 × 1.5 × 1.9			7.7 × 1.7 × 1.8	
Net weight(Approx)	ton	2.7			3.8			4.5			5.8			9			11			14			17	