

Hydraulic System Plastic Injection Molding Machine Specification



Model		SUA-80			SUA-110			SUA-150			SUA-200			SUA-250			SUA-320		
Screw diameter	mm	φ28	φ30	φ32	φ34	φ36	φ38	φ40	φ42	φ45	42	45	48	52	55	57	φ62	φ65	φ70
Screw L/D diameter	L/D	21	20	19	21	20	19	21	20	19	22	20	19	22	21	20	22	21	19
Shot weight(PS)	g	82	95	108	130	145	162	220	243	279	261	300	342	458	550	610	787	886	1004
	oz	2.9	3.3	3.8	4.6	5.1	5.7	7.9	8.7	9.8	9	10.5	12	16	19.3	21.4	27.7	30.4	35.3
Shot volume (Theoretical)	cm ³	92	106	120	145	162	181	245	270	310	290	334	380	509	612	678	875	962	1115
Injection pressure	kgf/cm ²	2456	2140	1880	2282	2037	1825	2630	2385	2078	2715	2365	2079	2639	2359	2197	2198	2000	1725
Screw Speed	rpm	256			265			210			187			237			164		
Clamp tonnage	ton	80			110			150			200			250			320		
Toggle stroke	mm	450			550			600			700			800			900		
Min . mould height	mm	180			200			200			200			220			300		
Space between tie.bars	mm	310 × 310			410 × 410			460 × 460			510 × 510			560 × 560			660 × 660		
Max . daylight	mm	630			750			800			900			1020			1200		
Ejecting force	ton	4.8			4.8			4.8			7.5			7.5			7.5		
Ejector Number	piece	3			5			5			9			9			13		
Ejector stroke	mm	100			120			150			150			150			150		
Pump motor power	kw	11			18.5			22			30			37			45		
Heater power	kw	3.6			6.3			7			10			14			17.5		
Total wattage	kw	14.6			24.8			29			40			51			62.5		
Hydraulic system Max pressure	kg/cm ²	170			170			170			170			170			170		
Hydraulic oil Reservoir	L	290			340			420			590			700			800		
Machine dimension(L*W*H)	m	4.1 × 1 × 1.5			4.3 × 1.1 × 1.6			5.2 × 1.2 × 1.7			5.8 × 1.3 × 1.9			6.2 × 1.3 × 1.95			6.5 × 1.5 × 2		
Net weight(Approx)	ton	3.9			4.9			5.5			8			12			15		