



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-320

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 320		
		A	B	C
Shot volume	cm ³	1062	1231	1414
Shot weight (PS)	g	966	1120	1286
	oz	34	39	45
Max injection rate	cm ³ /s	313	362	416
Screw diameter	mm	65	70	75
Plasticizing rate	kg/h	170	210	240
Injection pressure	MPa	175	152	133
Screw L:D ratio		22:01	22:01	19.6:1
Screw speed	r/min	0~170		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	3200		
Opening stroke	mm	615		
Platen size	mm x mm	945 x 945		
Space between tie bars	mm x mm	660 x 660		
Mold thickness (Min--Max)	mm	250 - 670		
Template maximum distance	mm	1285		
Hydraulic ejection stroke	mm	160		
Hydraulic ejection force	kN	77		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	17.5		
Pump motor	kW	30		
Heating capacity	kW	21.5		
Temperature control zones		5+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	5		
Oil tank capacity	L	500		
Machine dimensions	m x m x m	6.8 x 1.63 x 2.25		
Machine weight	kg	12500		

Please consult our sales representative or LOG-IMM before designing a mold.
All specifications are based on theoretical conditions and subject to change without notice.
Actual plasticizing capacity may vary depending on the molding conditions and material used.