



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-500

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 500		
		A	B	C
Shot volume	cm ³	1590	2042	2550
Shot weight (PS)	g	1494	1919	2397
	oz	52	67	84
Max injection rate	cm ³ /s	357	459	573
Screw diameter	mm	75	85	95
Plasticizing rate	kg/h	188	256	338
Injection pressure	MPa	204	159	127
Screw L:D ratio		22:01	21:01	18.7:1
Screw speed	r/min	0~125		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	5000		
Opening stroke	mm	820		
Platen size	mm x mm	1180 x 1180		
Space between tie bars	mm x mm	830 x 830		
Mold thickness (Min--Max)	mm	300 - 820		
Template maximum distance	mm	1600		
Hydraulic ejection stroke	mm	210		
Hydraulic ejection force	kN	111		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	17.5		
Pump motor	kW	22+22		
Heating capacity	kW	35.4		
Temperature control zones		5+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	5.2		
Oil tank capacity	L	1150		
Machine dimensions	m x m x m	9.25 x 1.85 x 2.0		
Machine weight	kg	20500		

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.