



**LOG INJECTION MOLDING MACHINE**  
**MODEL: LOG S8-1500**

INJECTION UNIT		MEASURE UNIT			
DESCRIPTION	UNIT	LOG 1500			
		A	B	C	D
Shot volume	cm <sup>3</sup>	5464	6503	7632	8851
Shot weight (PS)	g	4972	5918	6954	8054
	oz	176	210	246	285
Max injection rate	cm <sup>3</sup> /s	782	931	1092	1267
Screw diameter	mm	110	120	130	140
Plasticizing rate	kg/h	380	453	532	578
Injection pressure	MPa	200	168	143	123
Screw L:D ratio		26.2:1	24:01:00	22.2:1	20.6:1
Screw speed	r/min	0~95			
CLAMPING UNIT		MEASURE UNIT			
Clamping force	kN	15000			
Opening stroke	mm	1500			
Platen size	mm x mm	2090 x 2050			
Space between tie bars	mm x mm	1450 x 1350			
Mold thickness (Min--Max)	mm	700 - 1400			
Hydraulic ejection stroke	mm	350			
Hydraulic ejection force	kN	318			
POWER UNIT		MEASURE UNIT			
Hydraulic system pressure	MPa	16			
Pump motor	kW	37+37+37			
Heating capacity	kW	85.55			
Temperature control zones		6+ (nozzle)			
OTHER MACHINE INFORMATION		MEASURE UNIT			
Dry-cycle time	sec	14			
Oil tank capacity	L	2900			
Machine dimensions	m x m x m	13.9 x 3.2 x 4.7			
Machine weight	kg	82000			

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.