



**LOG INJECTION MOLDING MACHINE**  
**MODEL: LOG S8-900**

INJECTION UNIT		MEASURE UNIT			
DESCRIPTION	UNIT	LOG 900			
		A	B	C	D
Shot volume	cm <sup>3</sup>	3179	3925	4750	5652
Shot weight (PS)	g	2893	3571	4321	5143
	oz	103	127	153	182
Max injection rate	cm <sup>3</sup> /s	540	666	806	960
Screw diameter	mm	90	100	110	120
Plasticizing rate	kg/h	291	378	503	600
Injection pressure	MPa	227	184	152	128
Screw L:D ratio		22:01	22:01	20:01	18.3:1
Screw speed	r/min	0~120			
CLAMPING UNIT		MEASURE UNIT			
Clamping force	kN	9000			
Opening stroke	mm	1050			
Platen size	mm x mm	1530 x 1530			
Space between tie bars	mm x mm	1080 x 1030			
Mold thickness (Min--Max)	mm	400 - 1100			
Hydraulic ejection stroke	mm	300			
Hydraulic ejection force	kN	270			
POWER UNIT		MEASURE UNIT			
Hydraulic system pressure	MPa	17.5			
Pump motor	kW	37+37			
Heating capacity	kW	58.45			
Temperature control zones		6+ (nozzle)			
OTHER MACHINE INFORMATION		MEASURE UNIT			
Dry-cycle time	sec	8			
Oil tank capacity	L	1900			
Machine dimensions	m x m x m	11 x 2.4 x 3.1			
Machine weight	kg	48000			

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.