



**LOG INJECTION MOLDING MACHINE**  
**MODEL: LOG S8-90**

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 90		
		A	B	C
Shot volume	cm <sup>3</sup>	113	154	181
Shot weight (PS)	g	106	144	170
	oz	4	5	6
Max injection rate	cm <sup>3</sup> /s	59	80	95
Screw diameter	mm	30	35	38
Plasticizing rate	kg/h	22	36	45
Injection pressure	MPa	243	179	152
Screw L:D ratio		22:01	20:01	18:01
Screw speed	r/min	0-180		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	900		
Opening stroke	mm	320		
Platen size	mm x mm	540 x 540		
Space between tie bars	mm x mm	360 x 360		
Mold thickness (Min--Max)	mm	150 - 360		
Template maximum distance	mm	680		
Hydraulic ejection stroke	mm	100		
Hydraulic ejection force	kN	31		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	16		
Pump motor	kW	9		
Heating capacity	kW	6.5		
Temperature control zones		3+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	1.1		
Oil tank capacity	L	160		
Machine dimensions	m x m x m	4.2 x 1.1 x 1.7		
Machine weight	kg	3100		

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.