



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-650

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 650		
		A	B	C
Shot volume	cm ³	2160	2734	3376
Shot weight (PS)	g	1966	2488	3072
	oz	67	87	108
Max injection rate	cm ³ /s	420	531	656
Screw diameter	mm	80	90	100
Plasticizing rate	kg/h	254	340	442
Injection pressure	MPa	215	170	138
Screw L:D ratio		22:01	21:01	19:01
Screw speed	r/min	0~140		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	6500		
Opening stroke	mm	920		
Platen size	mm x mm	1320 x 1320		
Space between tie bars	mm x mm	930 x 900		
Mold thickness (Min--Max)	mm	350 - 910		
Template maximum distance	mm	1830		
Hydraulic ejection stroke	mm	265		
Hydraulic ejection force	kN	182		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	17.5		
Pump motor	kW	22+30		
Heating capacity	kW	38.3		
Temperature control zones		6+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	6		
Oil tank capacity	L	1500		
Machine dimensions	m x m x m	9.6 x 1.9 x 2.3		
Machine weight	kg	36000		

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.