



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-1100

INJECTION UNIT		MEASURE UNIT			
DESCRIPTION	UNIT	LOG 1100			
		A	B	C	D
Shot volume	cm ³	4123	4989	5938	6968
Shot weight (PS)	g	3751	4540	5403	6340
	oz	133	161	191	225
Max injection rate	cm ³ /s	702	850	1010	1186
Screw diameter	mm	100	110	120	130
Plasticizing rate	kg/h	378	503	600	767
Injection pressure	MPa	220	182	153	130
Screw L:D ratio		22:01	22:01	20.2:1	18.6:1
Screw speed	r/min	0~120			
CLAMPING UNIT		MEASURE UNIT			
Clamping force	kN	11000			
Opening stroke	mm	1150			
Platen size	mm x mm	1650 x 1650			
Space between tie bars	mm x mm	1150 x 1100			
Mold thickness (Min--Max)	mm	450 - 1200			
Hydraulic ejection stroke	mm	350			
Hydraulic ejection force	kN	270			
POWER UNIT		MEASURE UNIT			
Hydraulic system pressure	MPa	17.5			
Pump motor	kW	45+45			
Heating capacity	kW	68.48			
Temperature control zones		6+ (nozzle)			
OTHER MACHINE INFORMATION		MEASURE UNIT			
Dry-cycle time	sec	10			
Oil tank capacity	L	2300			
Machine dimensions	m x m x m	12.5 x 2.8 x 3.5			
Machine weight	kg	60000			

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.