



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-160

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 160		
		A	B	C
Shot volume	cm ³	277	318	392
Shot weight (PS)	g	260	298	368
	oz	9	11	13
Max injection rate	cm ³ /s	122	140	172
Screw diameter	mm	42	45	50
Plasticizing rate	kg/h	65	81	116
Injection pressure	MPa	190	166	135
Screw L:D ratio		22:10	20:01	18:01
Screw speed	r/min	0~200		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	1600		
Opening stroke	mm	430		
Platen size	mm x mm	680 x 680		
Space between tie bars	mm x mm	460 x 460		
Mold thickness (Min--Max)	mm	180 - 500		
Template maximum distance	mm	810		
Hydraulic ejection stroke	mm	140		
Hydraulic ejection force	kN	50		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	17.5		
Pump motor	kW	15		
Heating capacity	kW	12.6		
Number of temp. control zones		4+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	2		
Oil tank capacity	L	210		
Machine dimensions	m x m x m	4.95 x 1.25 x 2.0		
Machine weight	kg	4720		

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.