



LOG INJECTION MOLDING MACHINE
MODEL: LOG A8-1800

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 1800		
		A	B	C
Shot volume	cm ³	8495	9852	11310
Shot weight (PS)	g	7730	8965	10292
	oz	274	318	365
Max injection rate	cm ³ /s	1128	1308	1502
Screw diameter	mm	130	140	150
Plasticizing rate	kg/h	500	543	594
Injection pressure	MPa	164	142	123
Screw L:D ratio		24:01:00	22.3:1	20.8:1
Screw speed	r/min	0~80		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	18000		
Opening stroke	mm	1610		
Platen size	mm x mm	2230 x 2100		
Space between tie bars	mm x mm	1550 x 1430		
Mold thickness (Min--Max)	mm	700 - 1500		
Hydraulic ejection stroke	mm	400		
Hydraulic ejection force	kN	318		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	16		
Pump motor	kW	37+37+30+30		
Heating capacity	kW	90.05		
Number of temp. control zones		6+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	18		
Oil tank capacity	L	3000		
Machine dimensions	m x m x m	14.2 x 3.4 x 5.1		
Machine weight	kg	105000		

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.