



LOG INJECTION MOLDING MACHINE
MODEL: LOG S8-400

INJECTION UNIT		MEASURE UNIT		
DESCRIPTION	UNIT	LOG 400		
		A	B	C
Shot volume	cm ³	1385	1810	2290
Shot weight (PS)	g	1260	1646	2084
	oz	44	58	73
Max injection rate	cm ³ /s	311	406	514
Screw diameter	mm	70	80	90
Plasticizing rate	kg/h	167	231	327
Injection pressure	MPa	206	158	125
Screw L:D ratio		22:01	22:01	19:01
Screw speed	r/min	0~135		
CLAMPING UNIT		MEASURE UNIT		
Clamping force	kN	4000		
Opening stroke	mm	710		
Platen size	mm x mm	1060 x 1040		
Space between tie bars	mm x mm	730 x 710		
Mold thickness (Min--Max)	mm	250 - 730		
Template maximum distance	mm	1400		
Hydraulic ejection stroke	mm	185		
Hydraulic ejection force	kN	111		
POWER UNIT		MEASURE UNIT		
Hydraulic system pressure	MPa	17.5		
Pump motor	kW	37		
Heating capacity	kW	32.3		
Temperature control zones		5+ (nozzle)		
OTHER MACHINE INFORMATION		MEASURE UNIT		
Dry-cycle time	sec	5.1		
Oil tank capacity	L	820		
Machine dimensions	m x m x m	8.6 x 1.75 x 2.35		
Machine weight	kg	14970		

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.