

LOG 500S8*

Description		Unit of Measurement	Specifications		
INJECTION UNIT			A	B	C
Shot volume		cm ³	1590	2042	2550
Shot weight (PS)		g	1494	1919	2397
		oz	52.3	67.2	83.9
Injection	Maximum rate	cm ³ /s	357	459	573
	Pressure	MPa	224	174	139
Plasticizing rate		kg/h	188	256	338
Screw	Diameter	mm	75	85	95
	L:D ratio		23.8:1	21.0:1	18.7:1
	Stroke	mm	360		
	Speed	RPM	0 – 150		
CLAMPING UNIT					
Clamping force		kN	5000		
Opening stroke		mm	820		
Platen size		mm x mm	1180 x 1180		
Space between tie bars		mm x mm	830 x 830		
Mold thickness (Min – Max)		mm	350 – 920		
Template maximum distance		mm	1640		
Hydraulic ejection	Stroke	mm	210		
	Force	kN	111		
POWER UNIT					
Oil tank capacity		L	1000		
Hydraulic system pressure		MPa	17.5		
Pump motor (VDP / Servo)		kW	22.0 + 18.5 / 39.0 + 39.0		
Heating capacity		kW	48.40		
Temperature control zones			5+ (nozzles)		
OTHER MACHINE INFORMATION					
Dry-cycle time		sec	5.2		
Machine dimensions		m x m x m	9.20 x 1.85 x 2.41		
Machine weight		kg	18600		

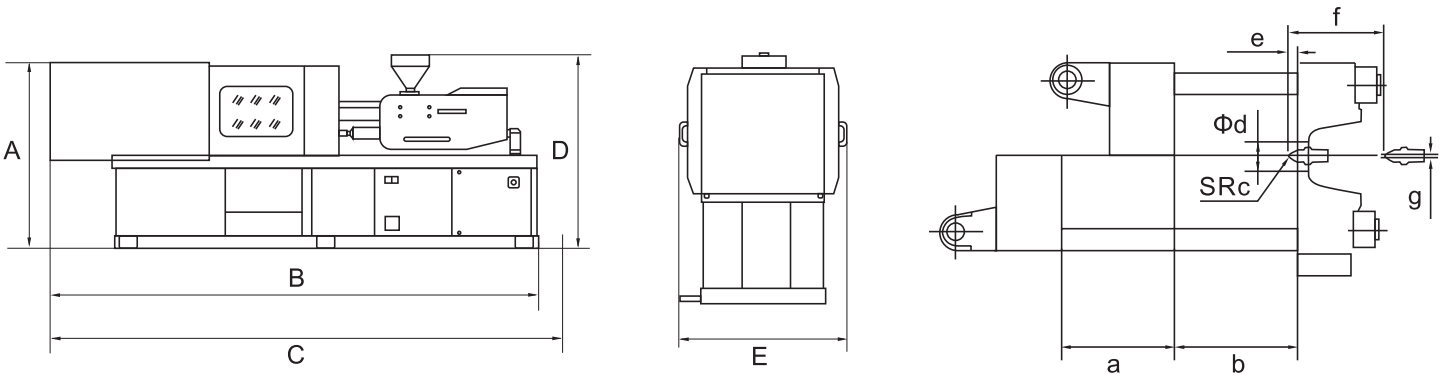
*The tonnage shown in the model number is in metric tons, equivalent to approximately 1.1 US tons. Please note when selecting a machine for your application. Please consult our sales representative or LOG-IMM before designing a mold. All specifications are based on theoretical conditions and subject to change without notice. Actual plasticizing capacity may vary depending on the molding conditions and material used.

LOG Injection Molding Machine

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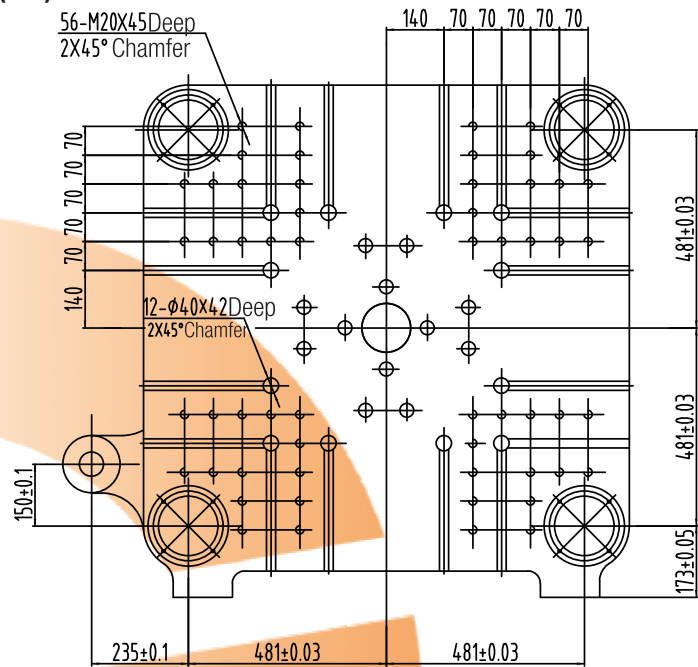


Machine Dimensions (mm)



A	B	C	D	E	a	b	c	d	e	f	g
2070	8200	9200	2310	1850	820	300-820	10	1500H8	30	450	4.5

Platen Dimensions (mm)



Major Component Brands



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