

LOG 650S8*

Description		Unit of Measurement	Specifications		
INJECTION UNIT			A	B	C
Shot volume		cm ³	2160	2734	3376
Shot weight (PS)		g	1966	2488	3072
		oz	68.8	87.1	107.5
Injection	Maximum rate	cm ³ /s	420	531	656
	Pressure	MPa	237	187	151
Plasticizing rate		kg/h	254	340	442
Screw	Diameter	mm	80	90	100
	L:D ratio		23.6:1	21.0:1	19.0:1
	Stroke	mm	430		
	Speed	RPM	0 – 125		
CLAMPING UNIT					
Clamping force		kN	6500		
Opening stroke		mm	920		
Platen size		mm x mm	1320 x 1290		
Space between tie bars		mm x mm	930 x 900		
Mold thickness (Min – Max)		mm	380 – 1010		
Template maximum distance		mm	1830		
Hydraulic ejection	Stroke	mm	265		
	Force	kN	182		
POWER UNIT					
Oil tank capacity		L	1300		
Hydraulic system pressure		MPa	17.5		
Pump motor (VDP / Servo)		kW	22.0 + 22.0 / 39.0 + 39.0		
Heating capacity		kW	53.20		
Temperature control zones			6+ (nozzles)		
OTHER MACHINE INFORMATION					
Dry-cycle time		sec	6.0		
Machine dimensions		m x m x m	9.60 x 1.90 x 2.30		
Machine weight		kg	26500		

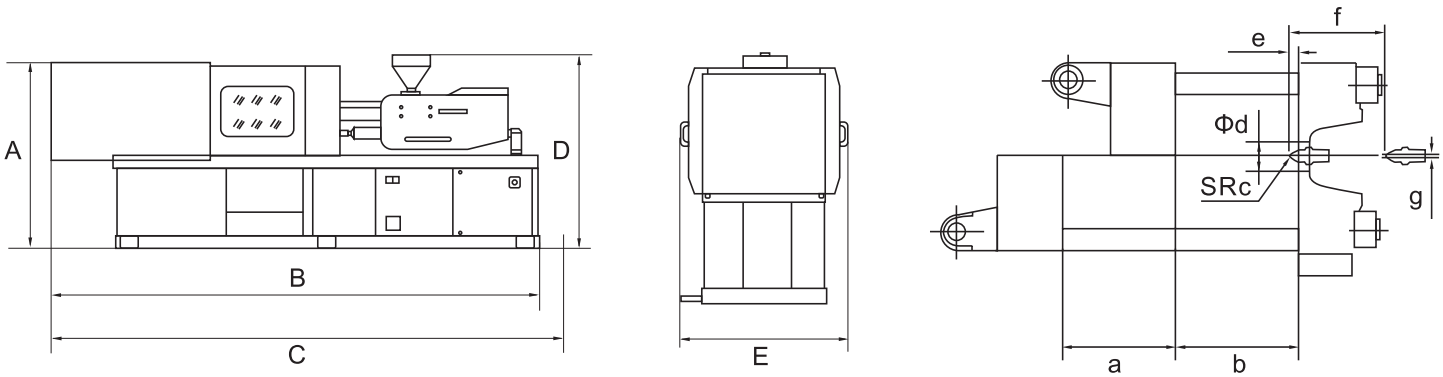
*The tonnage shown in the model number is in metric tons, equivalent to approximately 1.1 US tons. Please note when selecting a machine for your application. Please consult our sales representative or LOG-IMM before designing a mold.
All specifications are based on theoretical conditions and subject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

LOG Injection Molding Machine

9120 Centerlinks Commerce Dr. Unit 4 | Fort Myers, FL 33912 | (239) 219-1800 | www.log-imm.com | sales@log-imm.com

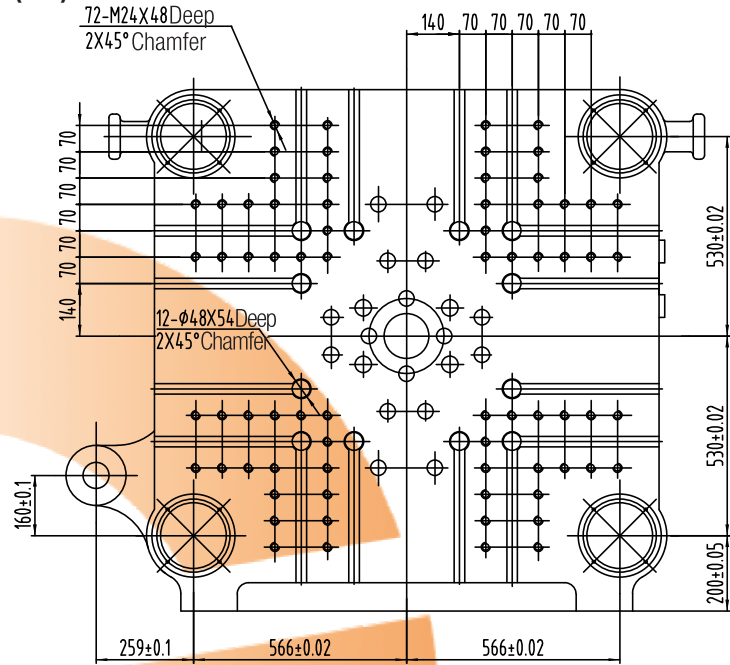


Machine Dimensions (mm)



A	B	C	D	E	a	b	c	d	e	f	g
2180	9300	9600	2250	1880	920	350-910	10	170H8	30	550	5

Platen Dimensions (mm)



Major Component Brands



LOG Injection Molding Machine

9120 Centerlinks Commerce Dr. Unit 4 | Fort Myers, FL 33912 | (239) 219-1800 | www.log-imm.com | sales@log-imm.com

