



EK Series Center Clamping Injection Molding Machines
MODEL: BL400EK/C2400

INJECTION UNIT:	Measure Unit	Model			
DESCRIPTION:	UNIT	BL400EK/C2400			
		A	B	C	D
Screw Diameter	in	2.559	2.756	2.953	3.150
	mm	65	70	75	80
Screw Ratio:		23	21	20	18.5
Theoretical Injection Capacity	cu in	73.91	85.72	98.4	111.96
	cm ³	1211	1405	1613	1835
Shot Weight (PS)	g	1114	1292	1484	1688
	oz	39.3	45.6	52.3	59.5
Injection Rate Into Air	cu in/s	21.7	25.2	28.9	32.9
	cm ³ /s	355	412	473	538
Injection Pressure	psi	28576	24659	21468	18857
	MPa	197	170	148	130
Plasticizing Rate	g/s	60	78	90	110
Injection Stroke	in	14.37			
	mm	365			
Max. Injection Speed	in/s	4.21			
	mm/s	107			
Max. Screw Speed	r/min	188			

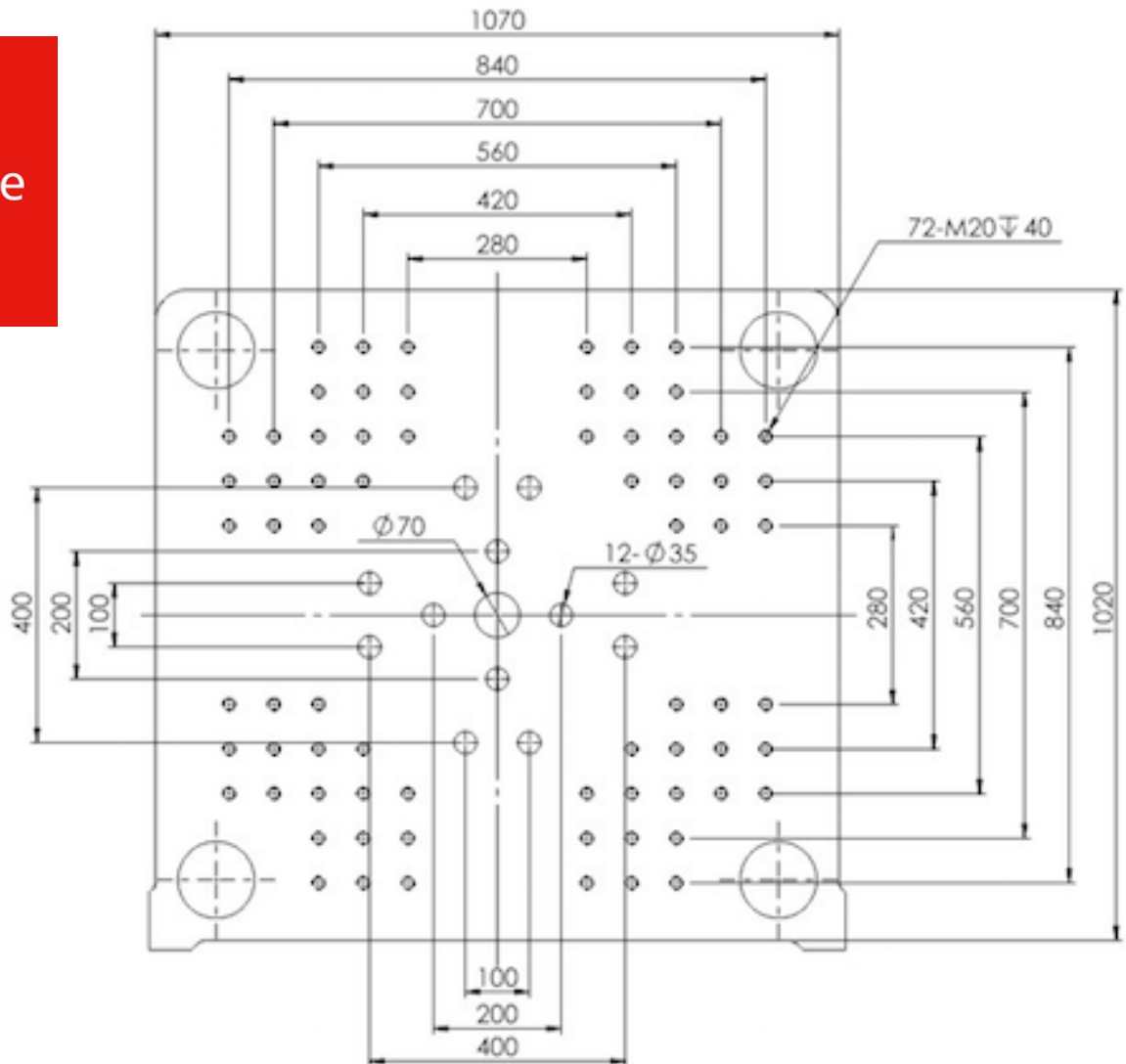
CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	450
	kN	4000
Opening Stroke	in	30
	mm	750
Space Between Tie Bar	in x in	29.92 x 27.95
	mm x mm	760 x 710
Platen Size	in x in	42.13 x 40.16
	mm x mm	1070 x 1020
Min. Mold Height	in	11.81
	mm	300 (255)
Max. Mold Height	in	29.53
	mm	750 (705)
Max. Distance Platen	in	59.05
	mm	1500 (1455)
Ejector Stroke	in	8.2677
	mm	210
Ejector Force Forward	US Ton	13
	kN	113
Ejector Force Back	US Ton	8
	kN	75
Number of Ejector Bar(s)	PC	13

EK Series Center Clamping Injection Molding Machines

MODEL: BL400EK/C2400

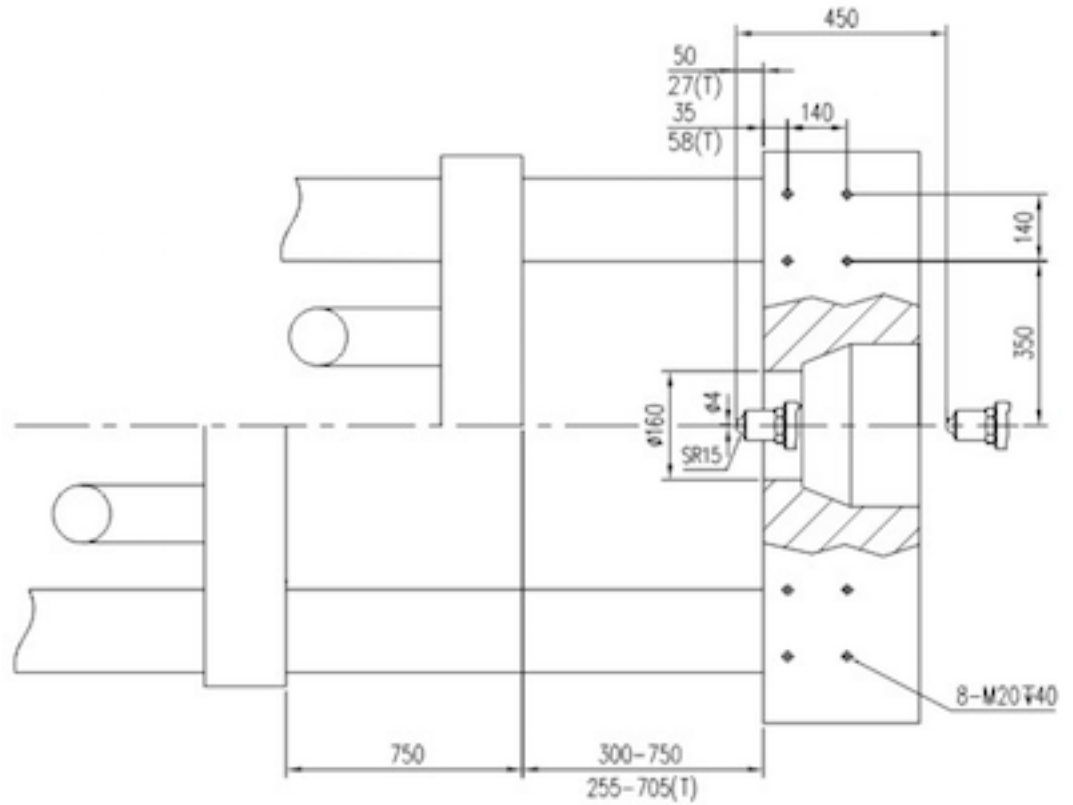
Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	63
	kW	47
Heater Power		
	kW	27.7
Number of Temp. Control Zones		4+1
Hoper Capacity	Lbs	110.25
	kg	50
Oil Tank Capacity	US gal	159
	L	600
Machine Dimensions (LxWxH)	ft x ft x ft	24.28 x 5.77 x 7.54
	m x m x m	7.4 x 1.76 x 2.3
Machine Weight	Lbs	26000
	Ton	13

Platen Size



EK Series Center Clamping Injection Molding Machines
 MODEL: BL400EK/C2400

Platen
 Side Size



T Slot Platen
 Dimension Obverse
 Drawing(Optional)

