



EK Series Center Clamping Injection Molding Machines
MODEL: BL2800EK/C70000

INJECTION UNIT:	Measure Unit	Model			
DESCRIPTION:	UNIT	BL2800EK/C70000			
		A	B	C	D
Screw Diameter:	in	7.874	8.661	9.055	9.449
	mm	200	220	230	240
Screw Ratio:		24	22	21	20
Theoretical Injection Capacity	cu in	2214.28	2679.28	2928.38	3188.56
	cm ³	36285	43905	47897	52251
Shot Weight (PS)	g	33383	40393	44148	48071
	oz	1177.5	1424.8	1557.3	1695.6
Injection Rate Into Air	cu in/s	110.8	134.1	146.6	159.6
	cm ³ /s	1443	1709	1997	2416
Injection Pressure	psi	27995	23209	21178	19437
	MPa	193	160	146	134
Plasticizing Rate	g/s	364	472	515	589
Injection Stroke	in	45.47			
	mm	1155			
Max. Injection Speed	in/s	2.28			
	mm/s	57.8			
Max. Screw Speed	r/min	54			

CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	3147
	kN	28000
Opening Stroke	in	83
	mm	2100
Space Between Tie Bar	in x in	76 x 68
	mm x mm	1920 x 1720
Platen Size	in x in	107.09 x 99.21
	mm x mm	2720 x 2520
Min. Mold Height	in	33
	mm	850
Max. Mold Height	in	67
	mm	1900
Max. Distance Platen	in	157
	mm	4000
Ejector Stroke	in	19.685
	mm	500
Ejector Force Forward	US Ton	48
	kN	425
Ejector Force Back	US Ton	38
	kN	425
Number of Ejector Bar(s)	PC	38

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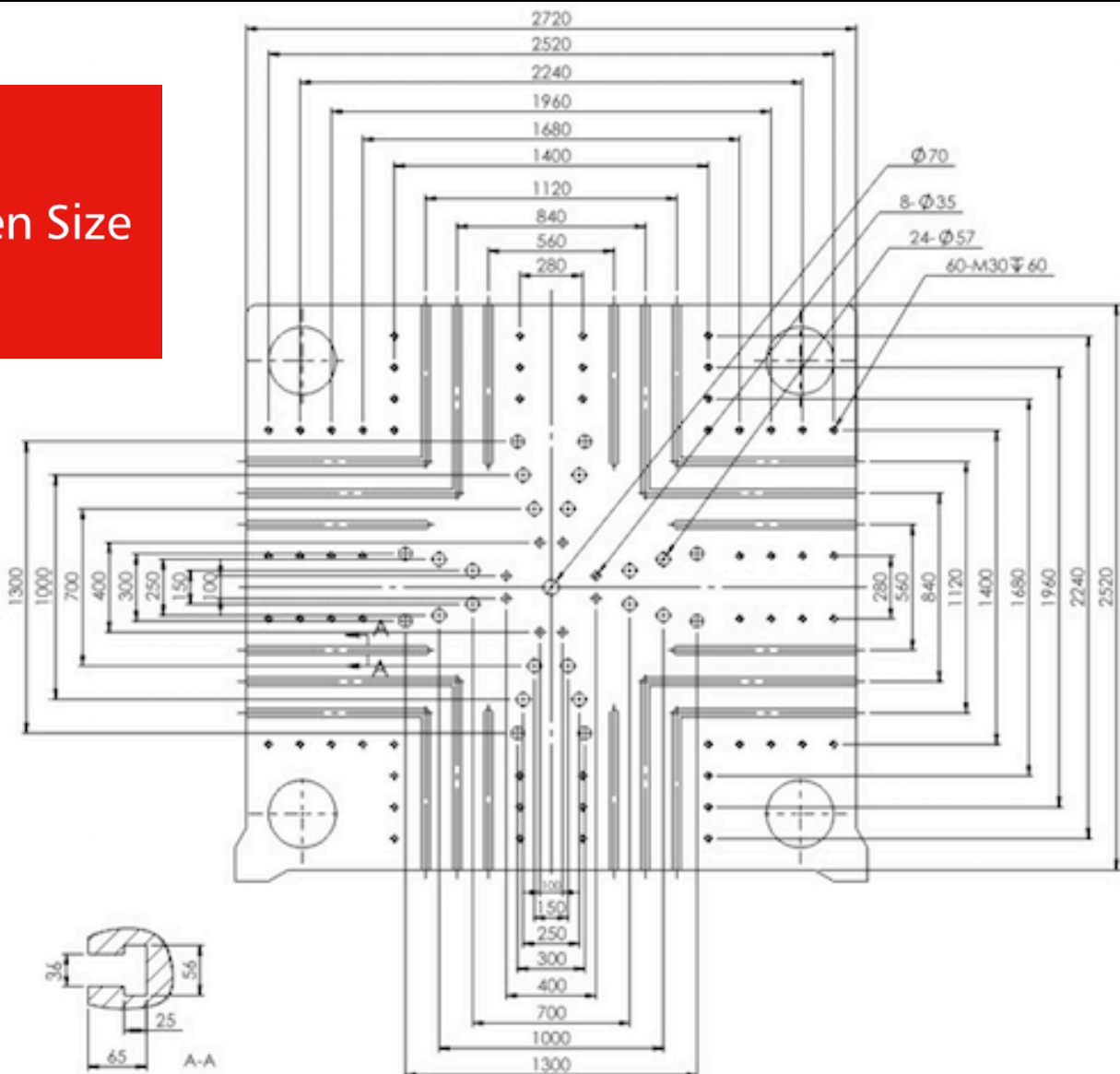
Other Machine Information:

Measure Unit

Model

System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	63+63+63+63+63
	kW	47+47+47+47+47
Heater Power	kW	225.9
Number of Temp. Control Zones		8+1
Hoper Capacity	Lbs	882
	kg	400
Oil Tank Capacity	US gal	925
	L	3500
Machine Dimensions (LxWxH)	ft x ft x ft	63.98 x 13.62 x 18.37
	m x m x m	19.5 x 4.15 x 5.6
Machine Weight	Lbs	420000
	Ton	210

Platen Size



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Platen
Side Size

