



**EK Series Center Clamping Injection Molding Machines**  
**MODEL: BL3300EK/C70000**

INJECTION UNIT:	Measure Unit	Model			
<b>DESCRIPTION:</b>	<b>UNIT</b>	<b>BL3300EK/C70000</b>			
		A	B	C	D
Screw Diameter:	in	7.874	8.661	9.055	9.449
	mm	200	220	230	240
Screw Ratio:		24	22	20	20
Theoretical Injection Capacity	cu in	2214.28	2679.28	2928.38	3188.56
	cm <sup>3</sup>	36285	43905	47987	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 <sup>3</sup> /s	1816	2197	2402	2615
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	3709
	kN	33000
Opening Stroke	in	87
	mm	2200
Space Between Tie Bar	in x in	83 x 75
	mm x mm	2110 x 1910
Platen Size	in x in	116.54 x 108.66
	mm x mm	2960 x 2760
Min. Mold Height	in	37
	mm	950
Max. Mold Height	in	67
	mm	2000
Max. Distance Platen	in	165
	mm	4200
Ejector Stroke	in	21.6535
	mm	550
Ejector Force Forward	US Ton	64
	kN	6565
Ejector Force Back	US Ton	50
	kN	442
Number of Ejector Bar(s)	PC	25

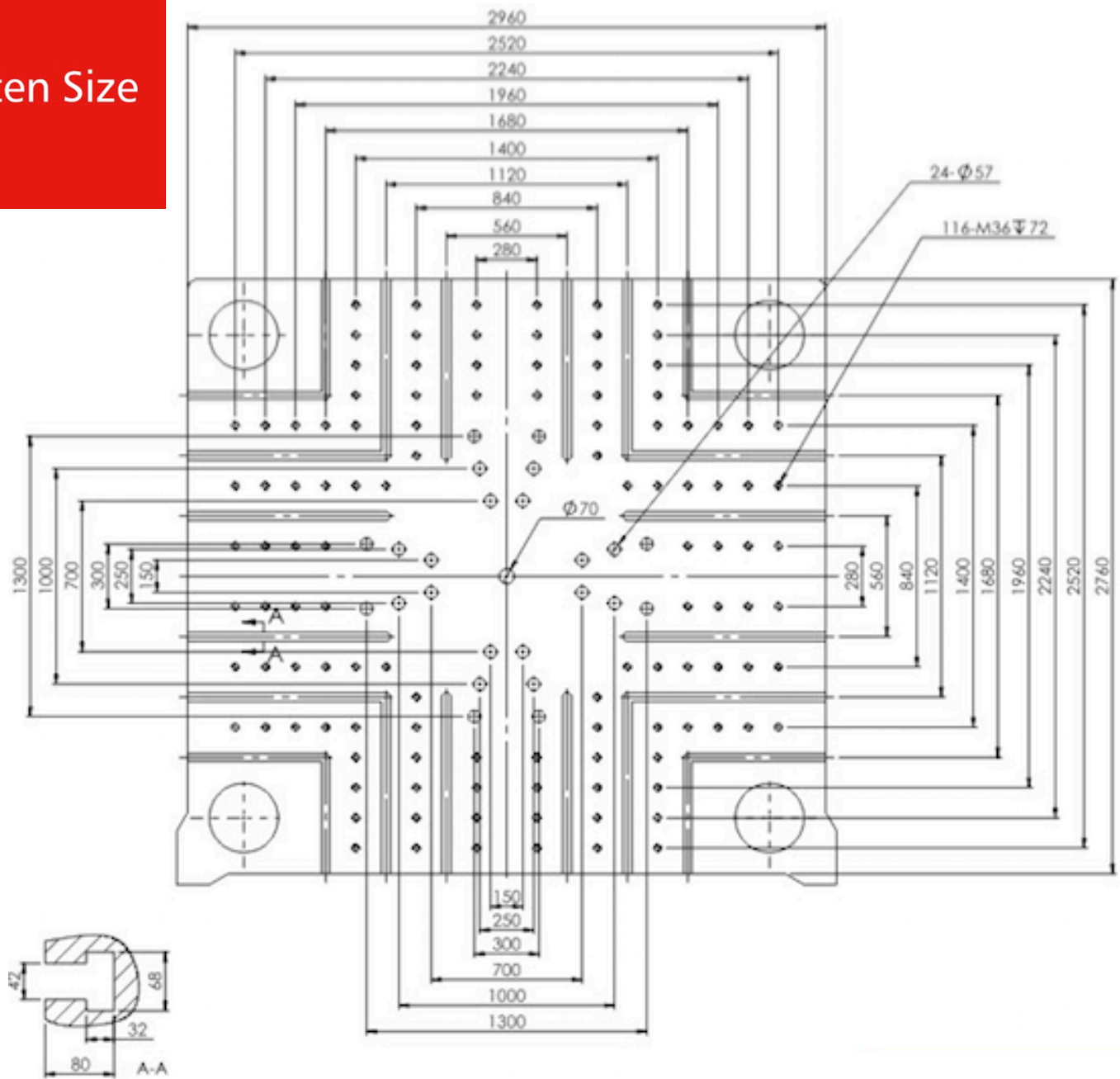
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Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	63+63+63+63+63
	kW	47+47+47+47+47
Heater Power	kW	225.9
Number of Temp. Control Zones		8+1
Hoper Capacity	Lbs	882
	kg	400
Oil Tank Capacity	US gal	925
	L	3500
Machine Dimensions (LxWxH)	ft x ft x ft	67.26 x 14.6 x 18.37
	m x m x m	20.5 x 4.45 x 5.6
Machine Weight	Lbs	510000
	Ton	255

**PLATEN SIZE NEXT PAGE**

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Platen Size



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Platen  
Side Size

