



EK Series Center Clamping Injection Molding Machines
MODEL: BL4000EK/C90000

INJECTION UNIT:	Measure Unit	Model			
DESCRIPTION:	UNIT	BL4000EK/C90000			
		A	B	C	D
Screw Diameter:	in	9.055	9.449	9.843	10.236
	mm	230	240	250	250
Screw Ratio:		23	22	21	20
Theoretical Injection Capacity	cu in	3283.34	3575,05	3879.18	4195.72
	cm ³	53804	58584	63568	68755
Shot Weight (PS)	g	49500	53898	58483	63255
	oz	1746	1901.2	2062.9	2231.2
Injection Rate Into Air	cu in/s	153.2	166.9	181	195.8
	cm ³ /s	2511	2734	2967	3209
Injection Pressure	psi	24369	22338	20598	19002
	MPa	168	154	142	131
Plasticizing Rate	g/s	543	621	724	784
Injection Stroke	in	50.98			
	mm	1295			
Max. Injection Speed	in/s	2.38			
	mm/s	60.5			
Max. Screw Speed	r/min	57			

CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	4496
	kN	40000
Opening Stroke	in	93
	mm	2350
Space Between Tie Bar	in x in	95 x87.4
	mm x mm	2420 x 2220
Platen Size	in x in	133.86 x 125.98
	mm x mm	3400 x 3200
Min. Mold Height	in	43
	mm	1100
Max. Mold Height	in	83
	mm	2100
Max. Distance Platen	in	175
	mm	4450
Ejector Stroke	in	24
	mm	600
Ejector Force Forward	US Ton	64
	kN	565
Ejector Force Back	US Ton	50
	kN	442
Number of Ejector Bar(s)	PC	25

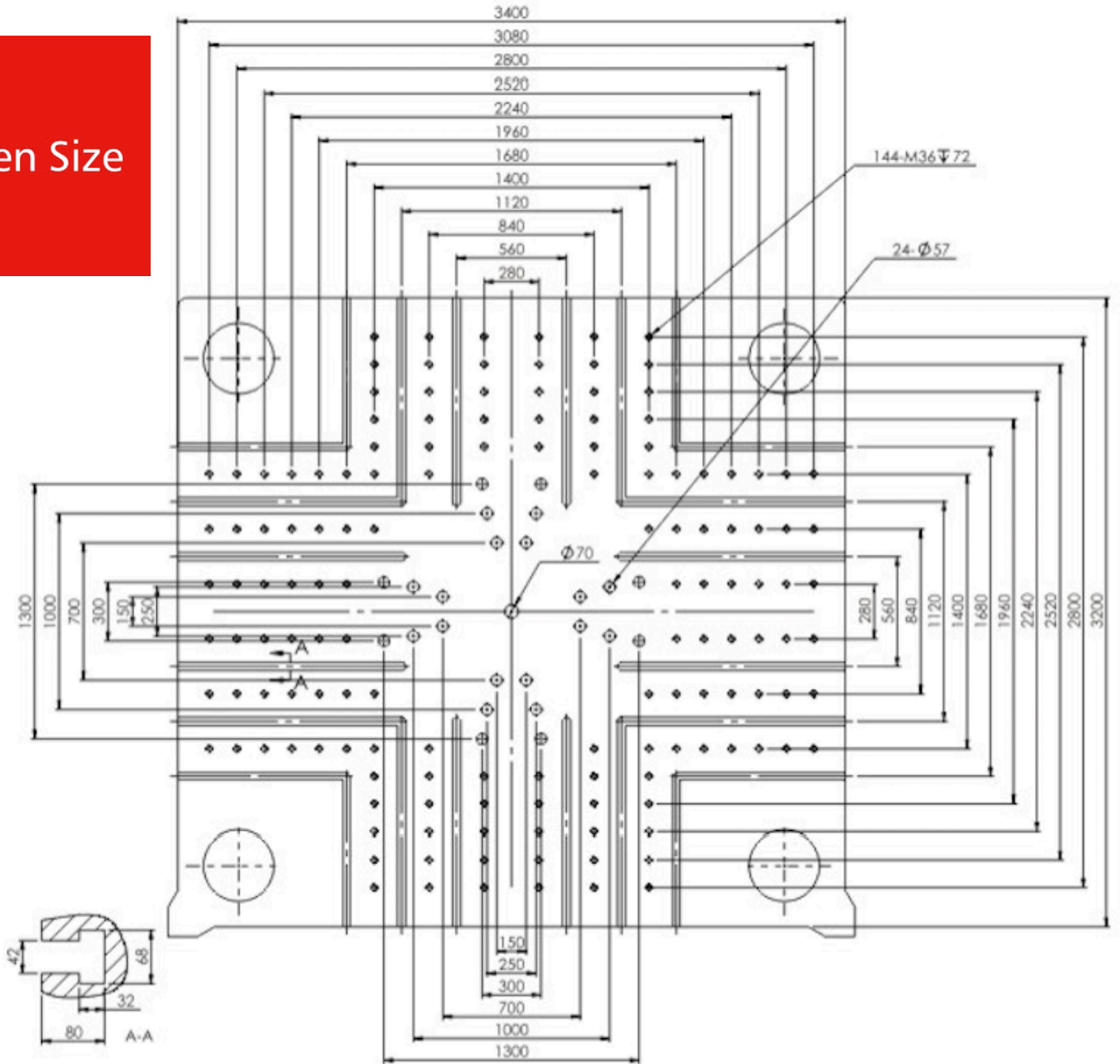
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Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	63+63+63+63+63+63
	kW	47+47+47+47+47+47
Heater Power	kW	252
Number of Temp. Control Zones		8+1
Hoper Capacity	Lbs	882
	kg	400
Oil Tank Capacity	US gal	1056
	L	4000
Machine Dimensions (LxWxH)	ft x ft x ft	73.8 x 15.25 x 19.68
	m x m x m	22.5 x 4.65 x 6.0
Machine Weight	Lbs	630,000
	Ton	315

PLATEN SIZE NEXT PAGE

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Platen Size



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Platen
Side Size

