



EK Series Center Clamping Injection Molding Machines
MODEL: BL1500EK/C15000

INJECTION UNIT: Measure Unit Model

DESCRIPTION:	UNIT	BL1500EK/C15000			
		A	B	C	D
Screw Diameter:	in	4.724	5.118	5.512	5.906
	mm	120	130	140	150
Screw Ratio:		23	21	19.5	18
Theoretical Injection Capacity	cu in	469.31	550.79	637.79	733.30
	cm ³	7691	9026	10468	12017
Shot Weight (PS)	g	7075	8304	9630	11055
	oz	249.6	292.9	339.7	390
Injection Rate Into Air	cu in/s	62	72.8	84.4	96.9
	cm ³ /s	1016	1193	1384	1588
Injection Pressure	psi	27995	23934	20598	17987
	MPa	193	165	142	124
Plasticizing Rate	g/s	127	155	192	229
Injection Stroke	in	26.77			
	mm	680			
Max. Injection Speed	in/s	3.54			
	mm/s	90			
Max. Screw Speed	r/min	74			

CLAMPING UNIT: Measure Unit Model

Clamping Force	US ton	1686
	kN	15000
Opening Stroke	in	61
	mm	1550
Space Between Tie Bar	in x in	60 x 52
	mm x mm	1520 x 1320
Platen Size	in x in	83.85 x 75.98
	mm x mm	2130 x 1930
Min. Mold Height	in	27
	mm	680
Max. Mold Height	in	57
	mm	1450
Max. Distance Platen	in	118
	mm	3000
Ejector Stroke	in	15.748
	mm	400
Ejector Force Forward	US Ton	37
	kN	332
Ejector Force Back	US Ton	29
	kN	256
Number of Ejector Bar(s)	PC	29

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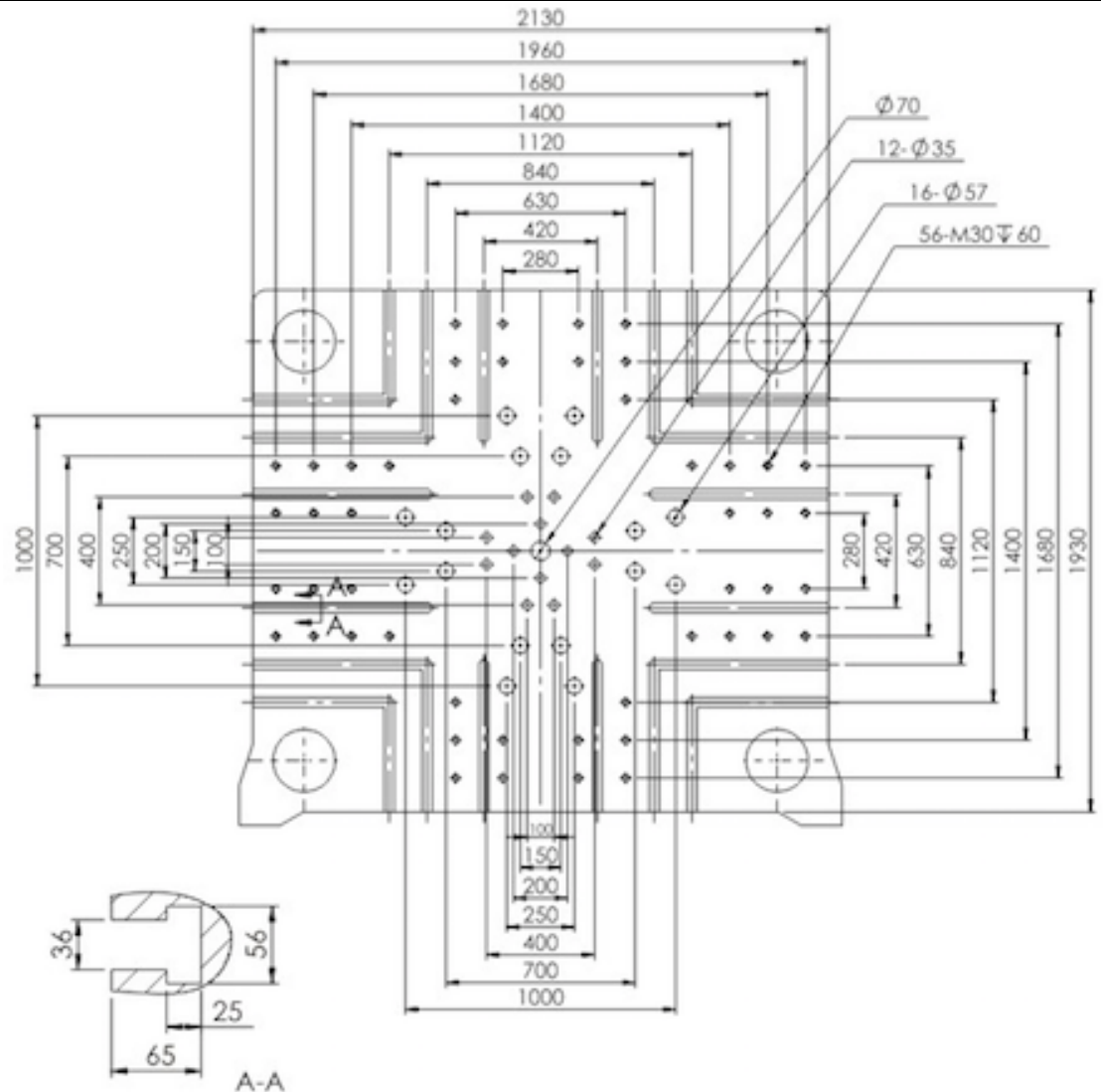
Other Machine Information:

Measure Unit

Model

System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	49.6+63+63
	kW	37+47+47
Heater Power	kW	74.3
Number of Temp. Control Zones		6+1
Hoper Capacity	Lbs	441
	kg	200
Oil Tank Capacity	US gal	528
	L	2000
Machine Dimensions (LxWxH)	ft x ft x ft	44.29 x 11.68 x 14.11
	m x m x m	13.5 x 3.56 x 4.3
Machine Weight	Lbs	170000
	Ton	85

Platen Size



Platen
Side Size

