



EK Series Center Clamping Injection Molding Machines
MODEL: BL1100EK/C9600

INJECTION UNIT: Measure Unit Model

DESCRIPTION:	UNIT	BL1100EK/C9600			
		A	B	C	D
Screw Diameter:	in	3.937	4.331	4.724	5.118
	mm	100	110	120	130
Screw Ratio:		23	21	19	18
Theoretical Injection Capacity	cu in	285.17	345.06	410.65	481.94
	cm ³	4673	5654	6729	7898
Shot Weight (PS)	g	4299	5202	6191	7266
	oz	151.6	183.5	218.4	256.3
Injection Rate Into Air	cu in/s	41.7	50.5	60.1	70.5
	cm ³ /s	684	827	984	1155
Injection Pressure	psi	29736	24659	20598	17697
	MPa	205	170	142	122
Plasticizing Rate	g/s	100	130	160	195
Injection Stroke	in	23.43			
	mm	595			
Max. Injection Speed	in/s	3.43			
	mm/s	87			
Max. Screw Speed	r/min	93			

CLAMPING UNIT: Measure Unit Model

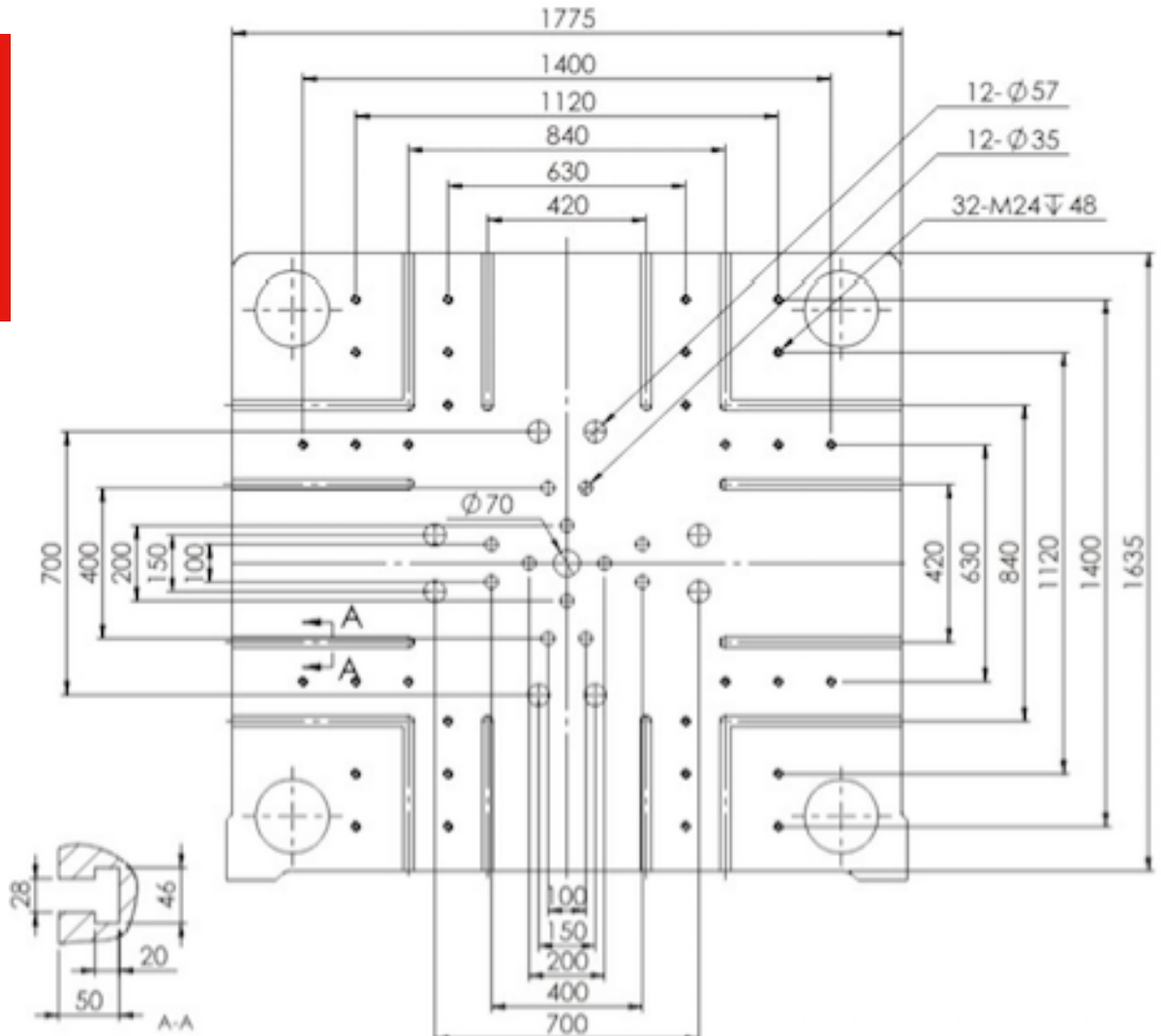
Clamping Force	US ton	1236
	kN	11000
Opening Stroke	in	52
	mm	1320
Space Between Tie Bar	in x in	49.6 x 44.1
	mm x mm	1260 x 1120
Platen Size	in x in	69.88 x 64.37
	mm x mm	1775 x 1635
Min. Mold Height	in	20
	mm	500
Max. Mold Height	in	47
	mm	1200
Max. Distance Platen	in	99
	mm	2520
Ejector Stroke	in	13.7795
	mm	350
Ejector Force Forward	US Ton	26
	kN	227
Ejector Force Back	US Ton	17
	kN	151
Number of Ejector Bar(s)	PC	21

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Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	63+63
	kW	47+47
Heater Power	kW	56.5
Number of Temp. Control Zones		6+1
Hoper Capacity	Lbs	441
	kg	200
Oil Tank Capacity	US gal	370
	L	1400
Machine Dimensions (LxWxH)	ft x ft x ft	37.07 x 10.17 x 12.8
	m x m x m	11.3 x 3.1 x 3.9
Machine Weight	Lbs	100000
	Ton	50

Platen Size



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Platen
Side Size

