



**EK Series Center Clamping Injection Molding Machines**  
**MODEL: BL900EK/C7200**

INJECTION UNIT:	Measure Unit	Model			
<b>DESCRIPTION:</b>	UNIT	BL900EK/C7200			
		A	B	C	D
Screw Diameter:	in	3.543	3.937	4.331	4.724
	mm	90	100	110	120
Screw Ratio:		23	21	19	17.5
Theoretical Injection Capacity	cu in	211.58	261.21	316.06	376.14
	cm <sup>3</sup>	3467	4280	5179	6164
Shot Weight (PS)	g	3190	3938	4765	5671
	oz	112.5	138.9	168.1	200
Injection Rate Into Air	cu in/s	37.1	45.8	55.4	65.9
	cm <sup>3</sup> /s	608	750	908	1080
Injection Pressure	psi	30171	24369	20162	16971
	MPa	208	168	139	117
Plasticizing Rate	g/s	89	116	151	185
Injection Stroke	in	21.46			
	mm	545			
Max. Injection Speed	in/s	3.74			
	mm/s	95			
Max. Screw Speed	r/min	108			

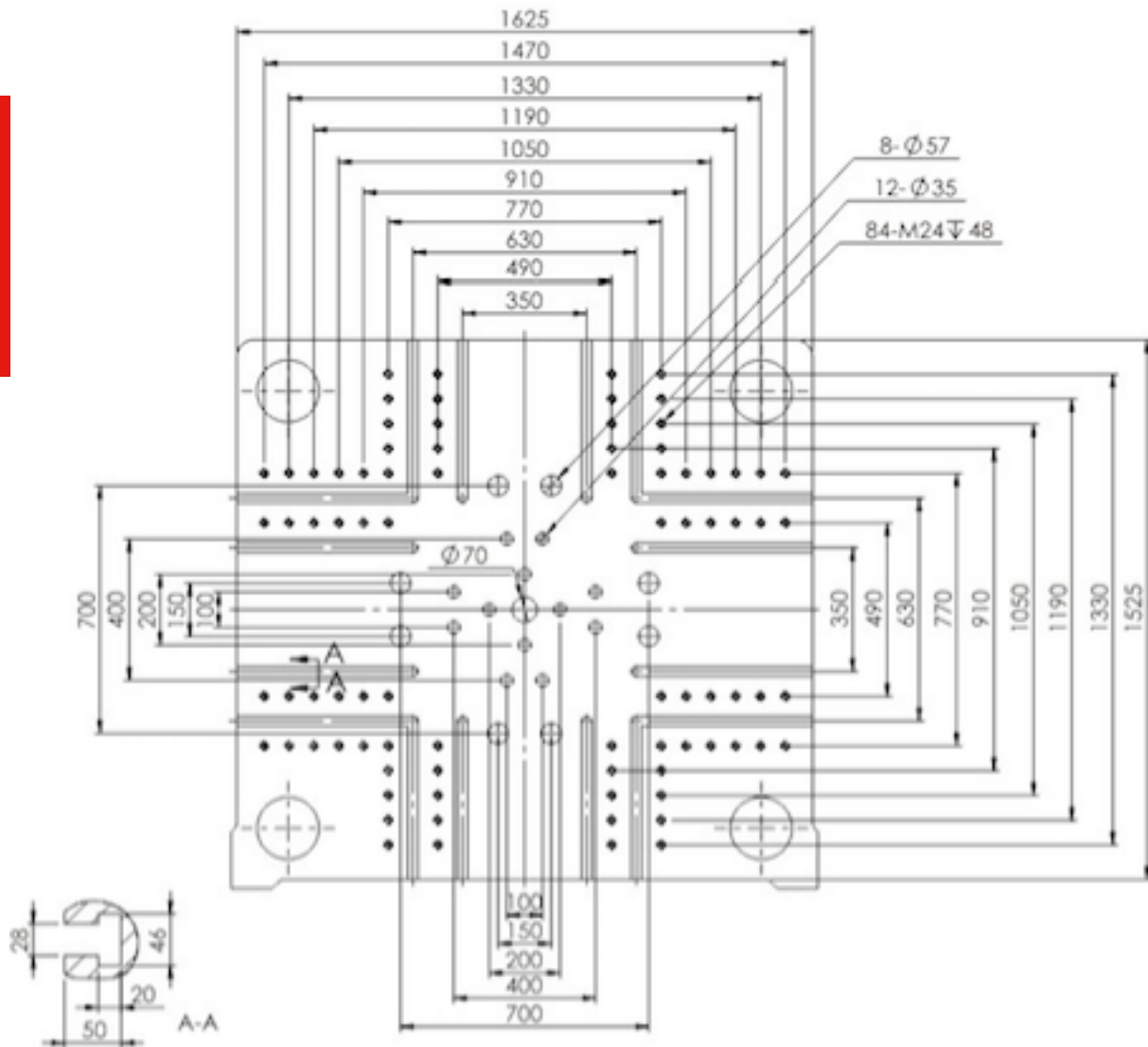
CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	1012
	kN	9000
Opening Stroke	in	45
	mm	1150
Space Between Tie Bar	in x in	45.67 x 41.73
	mm x mm	1160 x 1060
Platen Size	in x in	63.98 x 60.04
	mm x mm	1625 x 1525
Min. Mold Height	in	19
	mm	480
Max. Mold Height	in	39
	mm	1000
Max. Distance Platen	in	85
	mm	2150
Ejector Stroke	in	12
	mm	300
Ejector Force Forward	US Ton	26
	kN	227
Ejector Force Back	US Ton	17
	kN	151
Number of Ejector Bar(s)	PC	21

# EK Series Center Clamping Injection Molding Machines

## MODEL: BL900EK/C7200

Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	49.6+63
	kW	37+47
Heater Power	kW	49.7
Number of Temp. Control Zones		5+1
Hoper Capacity	Lbs	220.5
	kg	100
Oil Tank Capacity	US gal	317
	L	1200
Machine Dimensions (LxWxH)	ft x ft x ft	35.76 x 9.02 x 9.51
	m x m x m	10.9 x 2.75 x 2.9
Machine Weight	Lbs	80000
	Ton	40

### Platen Size



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Platen  
Side Size

