



EK Series Center Clamping Injection Molding Machines
MODEL: BL500/4300

INJECTION UNIT:	Measure Unit	Model			
DESCRIPTION:	UNIT	BL500EK/C4300			
		A	B	C	D
Screw Diameter	in	3.15	3.346	3.543	3.937
	mm	80	85	90	100
Screw Ratio:		22.5	21	20	18
Theoretical Injection Capacity	cu in	139.57	157.56	176.64	218.07
	cm ³	2287	2582	2895	3574
Shot Weight (PS)	g	2104	2375	2663	3288
	oz	74.2	83.8	93.9	116
Injection Rate Into Air	cu in/s	29.5	33.3	37.4	46.1
	cm ³ /s	484	546	612	756
Injection Pressure	psi	27415	24224	21613	17551
	MPa	189	167	149	121
Plasticizing Rate	g/s	81	93	112	148
Injection Stroke	in	16.34			
	mm	415			
Max. Injection Speed	in/s	3.66			
	mm/s	93			
Max. Screw Speed	r/min	163			

CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	562
	kN	5000
Opening Stroke	in	33
	mm	850
Space Between Tie Bar	in x in	33.85 x 31.5
	mm x mm	860 x 800
Platen Size	in x in	46.85 x 44.49
	mm x mm	1190 x 1130
Min. Mold Height	in	14
	mm	350
Max. Mold Height	in	31
	mm	800
Max. Distance Platen	in	65
	mm	1650
Ejector Stroke	in	8
	mm	210
Ejector Force Forward	US Ton	13
	kN	113
Ejector Force Back	US Ton	8
	kN	75
Number of Ejector Bar(s)	PC	13

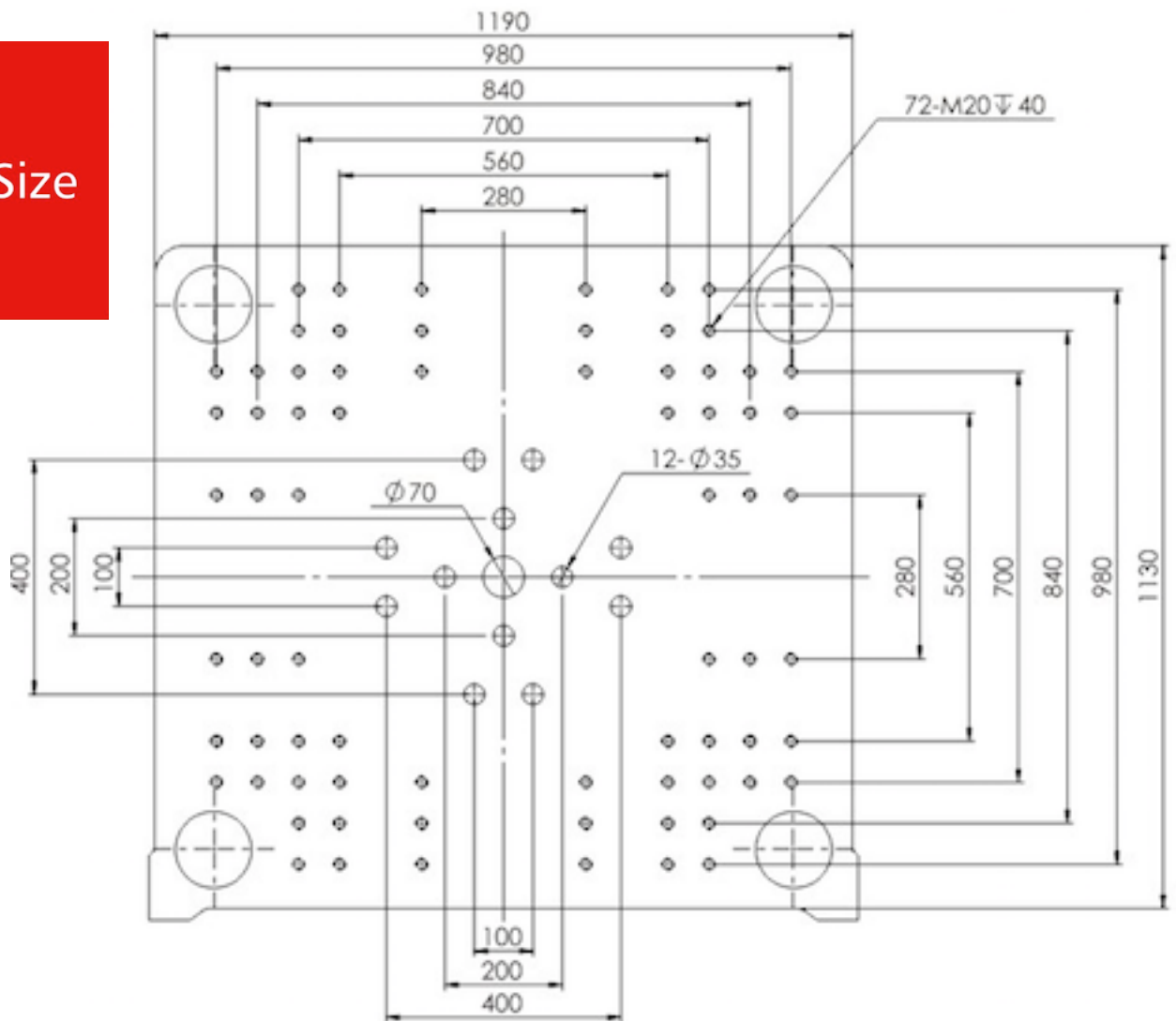
EK Series Center Clamping Injection Molding Machines

MODEL: BL500/C4300

Other Machine Information:	Measure Unit	Model
----------------------------	--------------	-------

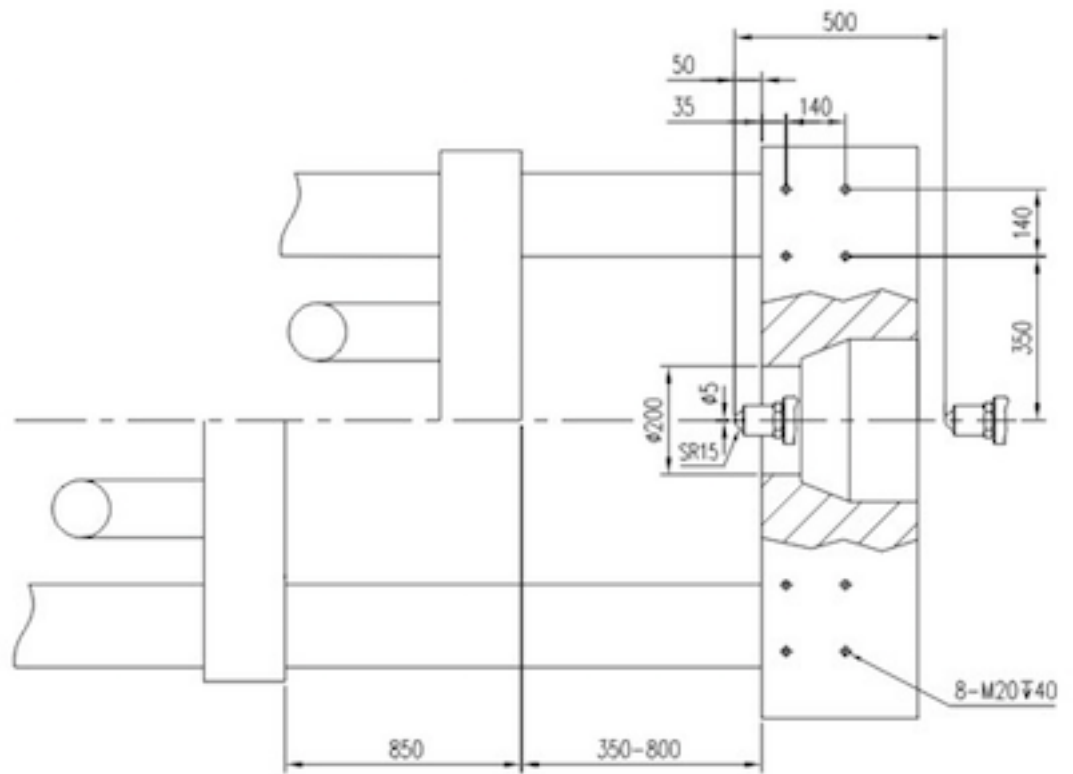
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	33.51+49.6
	kW	25+37
Heater Power		
	kW	32.2
Number of Temp. Control Zones		5+1
Hoper Capacity	Lbs	220.5
	kg	100
Oil Tank Capacity	US gal	224
	L	850
Machine Dimensions (LxWxH)	ft x ft x ft	26.57 x 7.21 x 8.85
	m x m x m	8.1 x 2.2 x 2.7
Machine Weight	Lbs	38000
	Ton	19

Platen Size



EK Series Center Clamping Injection Molding Machines
 MODEL: BL500/C4300

Platen
 Side Size



T Slot Platen
 Dimension Obverse
 Drawing(Optional)

