



EK Series Center Clamping Injection Molding Machines
MODEL: BL3300EK/C90000

INJECTION UNIT:	Measure Unit	Model			
DESCRIPTION:	UNIT	BL3300EK/C90000			
		A	B	C	D
Screw Diameter:	in	9.055	9.449	9.843	10.236
	mm	230	240	250	260
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	3709
	kN	33000
Opening Stroke	in	87
	mm	2200
Space Between Tie Bar	in x in	83 x 75
	mm x mm	2110 x 1910
Platen Size	in x in	116.54 x 108.66
	mm x mm	2960 x 2760
Min. Mold Height	in	37
	mm	950
Max. Mold Height	in	67
	mm	2000
Max. Distance Platen	in	165
	mm	4200
Ejector Stroke	in	21.6535
	mm	550
Ejector Force Forward	US Ton	64
	kN	6565
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	70.53 x 14.6 x 19.68
	m x m x m	21.5 x 4.45 x 6
Machine Weight	Lbs	560000
	Ton	280

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Platen Size



