



DESCRIPTION	UNIT	BL2100EK							
		A	B	C	D	A	B	C	D
Screw diameter	in	5.512	5.906	6.299	6.693	5.906	6.299	6.693	7.087
	mm	140	150	160	170	150	160	170	180
Screw ratio		24	22	21	19	23	22	21	20
Theoretical injection capacity	cu in	737.42	846.53	963.16	1087.32	900.45	1024.51	1156.58	1296.65
	cm ³	12084	13872	15783	17818	14756	16789	18953	21248
Shot weight(PS)	g	11117	12762	14521	16393	13575	15446	17437	19548
	oz	392.1	450.2	512.2	578.2	478.8	544.8	615.0	689.5
Injection rate into Air	cu in/s	79.1	90.8	103.3	116.6	86.0	97.8	110.4	123.8
	cm ³ /s	1296	1488	1693	1911	1409	1603	1809	2028
Injection pressure	psi	27560	23934	21033	18712	27415	24079	21323	19147
	MPa	190	165	145	129	189	166	147	132
Injection stroke	in	30.91				32.87			
	mm	785				835			
Max. injection speed	in/s	3.31				3.14			
	mm/s	84.2				79.7			
Max. Screw speed	r/min	56				53			
Clamping force	US Ton	2360							
	kN	21000							
Opening stroke	in	73							
	mm	1850							
Space between tie bar	in×in	68×60							
	mm×mm	1720×1520							
Platen Size	in	92×87							
	mm	2400×2200							
Min. mould height(T-slot)	in	30							
	mm	750							
Max. mould height(T-slot)	in	67							
	mm	1700							
Max. Daylight	in	140							
	mm	3550							
Ejector stroke	in	17.7165							
	mm	450							
Ejector force forward	US Ton	48							
	kN	425							
Ejector force back	US Ton	38							
	kN	334							
Number of ejector bar	PC	25							
DESCRIPTION	UNIT	BL2100EK							
Sys. Pressure	psi	2320				2320			
	MPa	16				16			
Pump Motor	hp								
	kW	25+47+47+47				37+47+47+47			
Heater power									
	kW	113.9				122.9			
Number of temp. control zones		8+1				8+1			
Hoper capacity	Lbs	882				882			
	kg	400				400			
Oil tank capacity	US gal	660				726			
	L	2500				2750			
Machine dimensions(L×W×H)	Ft×Ft×Ft	49.87×12.3×14.11				52.5×12.3×14.76			
	m×m×m	15.2×3.75×4.3				16.1×3.75×4.5			
Machine weight	Lbs	260,000				280,000			
	Ton	130				140			

