



DESCRIPTION	UNIT	BL2500EK							
		A	B	C	D	A	B	C	D
Screw diameter	in	5.906	6.299	6.693	7.087	6.693	7.283	7.874	8.661
	mm	150	160	170	180	170	185	200	220
Screw ratio		23	22	21	20	24	22	20	19
Theoretical injection capacity	cu in	900.45	1024.51	1156.58	1296.65	1281.24	1517.31	1773.34	2145.74
	cm ³	14756	16789	18953	21248	20996	24864	29060	35162
Shot weight(PS)	g	13575	15446	17437	19548	19316	22875	26735	32349
	oz	478.8	544.8	615.0	689.5	681.3	806.9	943.0	1141.1
Injection rate into Air	cu in/s	86.0	97.8	110.4	123.8	88.0	104.3	121.9	147.4
	cm ³ /s	1409	1603	1809	2028	1443	1709	1997	2416
Injection pressure	psi	2742	24079	21323	19147	28140	23789	20453	16826
	MPa	189	166	147	132	194	164	141	116
Injection stroke	in	32.87				36.42			
	mm	835				925			
Max. injection speed	in/s	3.14				2.50			
	mm/s	79.7				63.5			
Max. Screw speed	r/min	53				48			
Clamping force	US Ton	2810							
	kN	25000							
Opening stroke	in	78.75							
	mm	2000							
Space between tie bar	in×in	71.65×64							
	mm×mm	1820×1620							
Platen Size	in	100×92							
	mm	2550×2350							
Min. mould height(T-slot)	in	31.5							
	mm	800							
Max. mould height(T-slot)	in	67							
	mm	1800							
Max. Daylight	in	149.6							
	mm	3800							
Ejector stroke	in	19.685							
	mm	500							
Ejector force forward	US Ton	48							
	kN	425							
Ejector force back	US Ton	38							
	kN	334							
Number of ejector bar	PC	33							
Sys. Pressure	psi	2320				2320			
	MPa	16				16			
Pump Motor	hp								
	kW	37+47+47+47				47+47+47+47			
Heater power	kW	122.9				165.3			
Number of temp. control zones		8+1				8+1			
Hoper capacity	Lbs	882				882			
	kg	400				400			
Oil tank capacity	US gal	726				793			
	L	2750				3000			
Machine dimensions(L×W×H)	Ft×Ft×Ft	56.43×12.96×14.76				59.38×12.96×16.73			
	m×m×m	17.2×3.95×4.5				18.1×3.95×5.1			
Machine weight	Lbs	320,000				320,000			
	Ton	160				170			

