



BL1100EK Specification Sheet					
DESCRIPTION	UNIT	BL1100EK			
		A	B	C	D
Screw diameter	in	3.937	4.331	4.724	5.118
	mm	100	110	120	130
Screw ratio		23	21	19	18
Theoretical injection capacity	cu in	285.17	345.06	410.65	481.94
	cm ³	4673	5654	6729	7898
Shot weight(PS)	g	4299	5202	6191	7266
	oz	151.6	183.5	218.4	256.3
Injection rate into Air	cu in/s	41.7	50.5	60.1	70.5
	cm ³ /s	684	827	984	1155
Injection pressure	psi	29736	24659	20598	17697
	MPa	205	170	142	122
Injection stroke	in	23.43			
	mm	595			
Max. injection speed	in/s	3.43			
	mm/s	87			
Max. Screw speed	r/min	93			
Clamping force	US Ton	1236			
	kN	11000			
Opening stroke	in	52			
	mm	1320			
Space between tie bar	in×in	49.6×44.1			
	mm×mm	1260×1120			
Min. mould height	in	20			
	mm	500			
Max. mould height	in	47			
	mm	1200			
Max. Daylight	in	99			
	mm	2520			
Ejector Stroke	in	13.7795			
	mm	350			
Ejector force forward	US Ton	26			
	kN	227			
Ejector force back	US Ton	17			
	kN	151			
Number of ejector bar	PC	21			
Sys. Pressure	psi	2320			
	MPa	16			
Pump Motor	hp	63+63			
	kW	47+47			
Heater power	kW	56.5			
Number of temp. control zones		6+1			
Hoper capacity	Lbs	441			
	kg	200			
Oil tank capacity	US gal	370			
	L	1400			
Machine dimensions(L×W×H)	FtxFtxFt	37.07×10.17×12.8			
	m×m×m	11.3×3.1×3.9			
Machine weight	Lbs	100,000			
	Ton	50			

