



BL60EK Specification Sheet				
DESCRIPTION	UNIT	BL60EK		
		A	B	C
Screw diameter	in	0.984	1.102	1.260
	mm	25	28	32
Screw ratio		23	20	18
Theoretical injection capacity	cu in	4.34	5.45	7.12
	cm ³	71	89	117
Shot weight(PS)	g	65	82	107
	oz	2.3	2.9	3.8
Injection rate into Air	cu in/s	3.8	4.8	6.2
	cm ³ /s	62	78	102
Injection pressure	psi	32637	26110	20017
	MPa	225	180	138
Injection stroke	in	5.71		
	mm	145		
Max. injection speed	in/s	4.96		
	mm/s	126		
Max. Screw speed	r/min	263		
Clamping force	US Ton	67		
	kN	600		
Opening stroke	in	13		
	mm	320		
Space between tie bar	in×in	14.17×12.99		
	mm×mm	360×330		
Platen Size	in×in			
	mm×mm			
Min. mould height	in	5.5		
	mm	140(105)		
Max. mould height	in	13.38		
	mm	340(305)		
Max. distance Platen	in	26		
	mm	660(625)		
Ejector Stroke	in	2.7559		
	mm	70		
Ejector force forward	US Ton	3		
	kN	31		
Ejector force back	US Ton	2		
	kN	20		
Number of ejector bar	PC	5		
Sys. Pressure	psi	2320		
	MPa	16		
Pump Motor	hp	12.06		
	kW	9		
Heater power	kW	4.4		
Number of temp. control zones		3+1		
Hoper capacity	Lbs	55.125		
	kg	25		
Oil tank capacity	US gal	32		
	L	120		
Machine dimensions(L×W×H)	FtxFtxFt	11.48x3.77x5.58		
	m×m×m	3.5×1.15×1.7		
Machine weight	Lbs	4800		
	Ton	2.4		

