



BL600EK Specification Sheet					
DESCRIPTION	UNIT	BL600EK			
		A	B	C	D
Screw diameter	in	3.150	3.346	3.543	3.937
	mm	80	85	90	100
Screw ratio		22.5	21	20	18
Theoretical injection capacity	cu in	139.57	157.56	176.64	218.07
	cm ³	2287	2582	2895	3574
Shot weight(PS)	g	2104	2375	2663	3288
	oz	74.2	83.8	93.9	116.0
Injection rate into Air	cu in/s	29.5	33.3	37.4	46.1
	cm ³ /s	484	546	612	756
Injection pressure	psi	27415	24224	21613	17551
	MPa	189	167	149	121
Injection stroke	in	17.91			
	mm	455			
Max. injection speed	in/s	3.78			
	mm/s	96			
Max. Screw speed	r/min	137			
Clamping force	US Ton	674			
	kN	6000			
Opening stroke	in	37			
	mm	950			
Space between tie bar	in×in	37.8×33.85			
	mm×mm	960×860			
Min. mould height	in	16			
	mm	400(355)			
Max. mould height	in	35			
	mm	900(855)			
Max. distance Platen	in	73			
	mm	1850(1805)			
Ejector Stroke	in	9.4488			
	mm	240			
Ejector force forward	US Ton	17			
	kN	152			
Ejector force back	US Ton	12			
	kN	107			
Number of ejector bar	PC	21			
Sys. Pressure	psi	2320			
	MPa	16			
Pump Motor	hp	33.51+49.60			
	kW	25+37			
Heater power	kW	36.1			
Number of temp. control zones		5+1			
Hoper capacity	Lbs	220.5			
	kg	100			
Oil tank capacity	US gal	225			
	L	850			
Machine dimensions(L×W×H)	FtxFtxFt	28.87×7.28×8.86			
	m×m×m	8.8×2.22×2.7			
Machine weight	Lbs	44,000			
	Ton	22			

