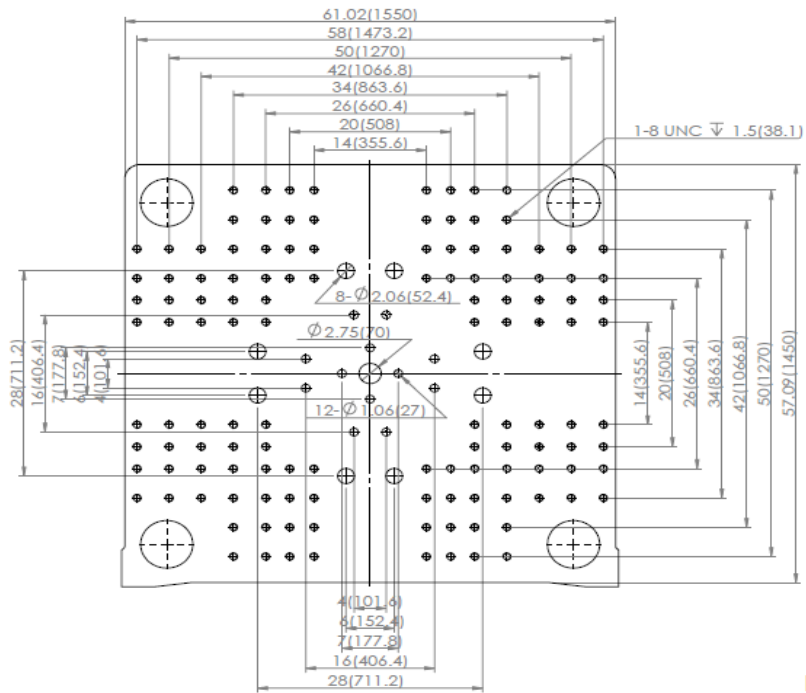




BL800EK Specification Sheet					
DESCRIPTION	UNIT	BL800EK			
		A	B	C	D
Screw diameter	in	3.543	3.937	4.331	4.724
	mm	90	100	110	120
Screw ratio		23	21	19	17.5
Theoretical injection capacity	cu in	211.58	261.21	316.06	376.14
	cm ³	3467	4280	5179	6164
Shot weight(PS)	g	3190	3938	4765	5671
	oz	112.5	138.9	168.1	200.0
Injection rate into Air	cu in/s	37.1	45.8	55.4	65.9
	cm ³ /s	608	750	908	1080
Injection pressure	psi	30171	24369	20162	16971
	MPa	208	168	139	117
Injection stroke	in	21.46			
	mm	545			
Max. injection speed	in/s	3.74			
	mm/s	95			
Max. Screw speed	r/min	108			
Clamping force	US Ton	899			
	kN	8000			
Opening stroke	in	43			
	mm	1100			
Space between tie bar	in×in	44.1×41.73			
	mm×mm	1120×1020			
Min. mould height	in	18			
	mm	450			
Max. mould height	in	39			
	mm	1000			
Max. Daylight	in	83			
	mm	2100			
Ejector Stroke	in	11.811			
	mm	300			
Ejector force forward	US Ton	24			
	kN	212			
Ejector force back	US Ton	14			
	kN	121			
Number of ejector bar	PC	21			
Sys. Pressure	psi	2320			
	MPa	16			
Pump Motor	hp	49.6+63			
	kW	37+47			
Heater power	kW	49.7			
Number of temp. control zones		5+1			
Hoper capacity	Lbs	220.5			
	kg	100			
Oil tank capacity	US gal	317			
	L	1200			
Machine dimensions(L×W×H)	FtxFtxFt	33.46×8.85×9.51			
	m×m×m	10.2×2.7×2.9			
Machine weight	Lbs	60,000			
	Ton	30			



BL800EK

