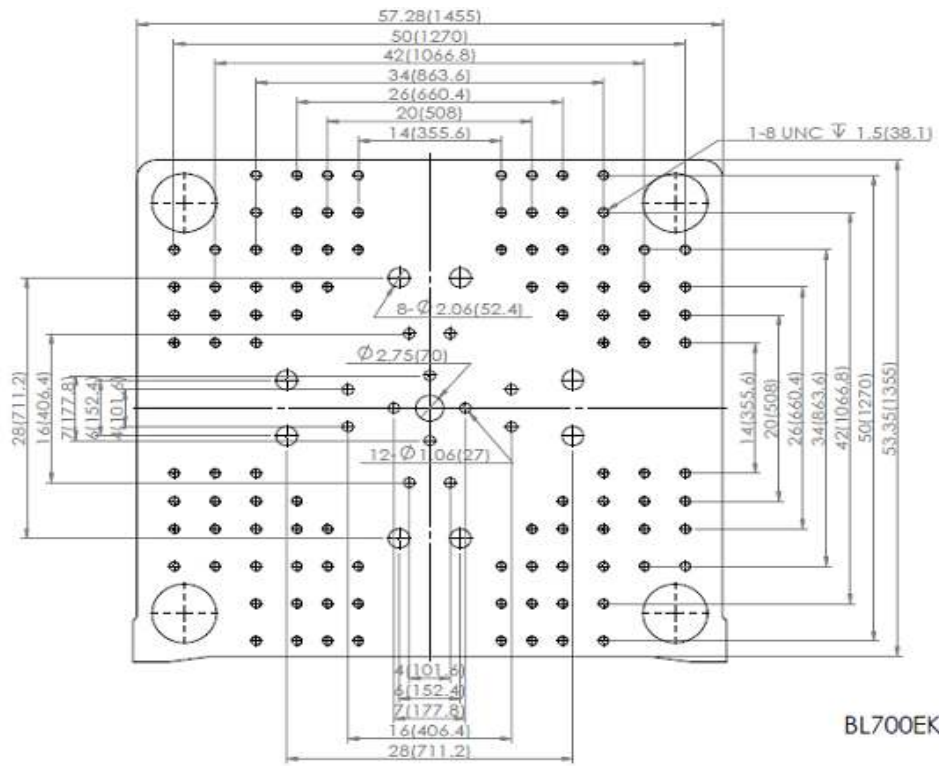




BL700EK Specification Sheet					
DESCRIPTION	UNIT	BL700EK			
		A	B	C	D
Screw diameter	in	3.346	3.543	3.937	4.331
	mm	85	90	100	110
Screw ratio		22	21	19	17
Theoretical injection capacity	cu in	173.14	194.11	239.64	289.97
	cm ³	2837	3181	3927	4752
Shot weight(PS)	g	2610	2926	3613	4372
	oz	92.1	103.2	127.4	154.2
Injection rate into Air	cu in/s	36.3	40.7	50.2	60.8
	cm ³ /s	595	667	823	996
Injection pressure	psi	27270	24369	19727	16391
	MPa	188	168	136	113
Injection stroke	in	19.69			
	mm	500			
Max. injection speed	in/s	4.13			
	mm/s	105			
Max. Screw speed	r/min	134			
Clamping force	US Ton	787			
	kN	7000			
Opening stroke	in	41			
	mm	1050			
Space between tie bar	in×in	41.73×37.8			
	mm×mm	1060×960			
Min. mould height	in	18			
	mm	450			
Max. mould height	in	37			
	mm	950			
Max. distance Platen	in	79			
	mm	2000			
Ejector Stroke	in	11			
	mm	270			
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	49.6+49.6			
	kW	37+37			
Heater power	kW	42.9			
Number of temp. control zones		5+1			
Hoper capacity	Lbs	220.5			
	kg	100			
Oil tank capacity	US gal	264			
	L	1000			
Machine dimensions(L×W×H)	FtxFtxFt	31.5×8.69×8.85			
	m×m×m	9.6×2.65×2.7			
Machine weight	Lbs	50,000			
	Ton	25			



BL700EK

