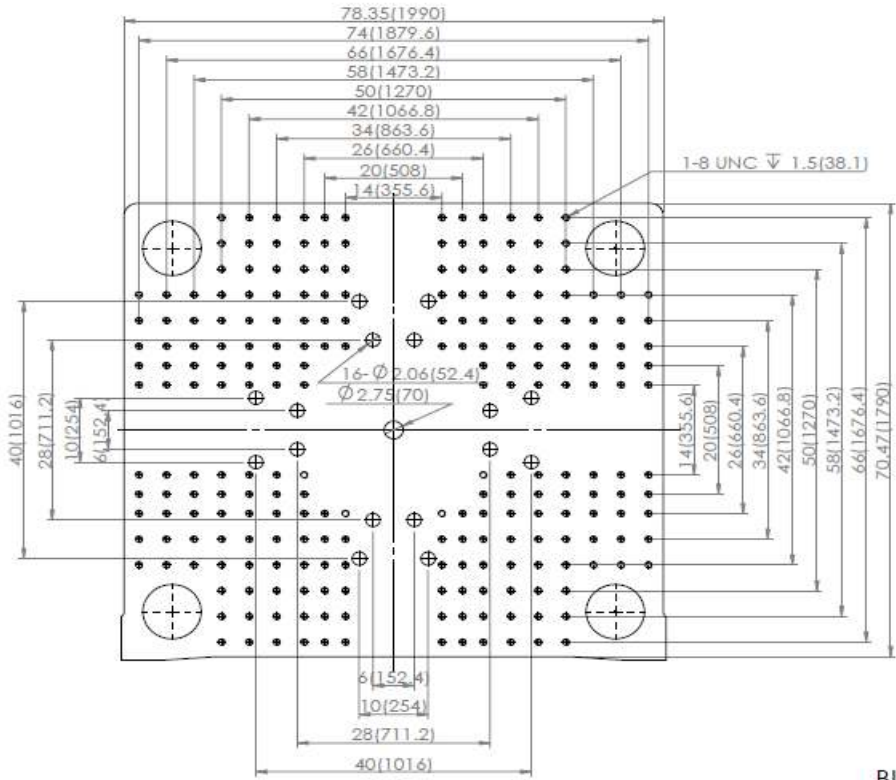




BL1300EK Specification Sheet					
DESCRIPTION	UNIT	BL1300EK			
		A	B	C	D
Screw diameter	in	4.331	4.724	5.118	5.512
	mm	110	120	130	140
Screw ratio		23	21	19.5	18
Theoretical injection capacity	cu in	371.16	441.71	518.39	601.21
	cm <sup>3</sup>	6082	7238	8495	9852
Shot weight(PS)	g	5596	6659	7815	9064
	oz	197.4	234.9	275.7	319.7
Injection rate into Air	cu in/s	52.1	62.0	72.8	84.4
	cm <sup>3</sup> /s	854	1016	1193	1384
Injection pressure	psi	28576	24079	20453	17697
	MPa	197	166	141	122
Injection stroke	in	25.20			
	mm	640			
Max. injection speed	in/s	3.54			
	mm/s	90			
Max. Screw speed	r/min	84			
Clamping force	US Ton	1461			
	kN	13000			
Opening stroke	in	57			
	mm	1450			
Space between tie bar	in×in	55.9×48.08			
	mm×mm	1420×1220			
Min. mould height	in	23			
	mm	580			
Max. mould height	in	51			
	mm	1300			
Max. Daylight	in	108			
	mm	2750			
Ejector Stroke	in	14			
	mm	350			
Ejector force forward	US Ton	26			
	kN	227			
Ejector force back	US Ton	17			
	kN	151			
Number of ejector bar	PC	29			
Sys. Pressure	psi	2320			
	MPa	16			
Pump Motor	hp				
	kW	37+37+37			
Heater power	kW	71.9			
Number of temp. control zones		6+1			
Hoper capacity	Lbs	441			
	kg	200			
Oil tank capacity	US gal	435			
	L	1650			
Machine dimensions(L×W×H)	FtxFtxFt	40.35x10.82x13.62			
	m×m×m	12.3×3.3×4.15			
Machine weight	Lbs	130,000			
	Ton	65			



BL1300EK

