

# BOLE DK Series Two Platen Hybrid Injection Molding Machine

## MODEL: BL5000DK/Z74000

**Measure Unit                    A                    B                    C**

### Injection Unit:

DESCRIPTION	UNIT	BL5000DK/74000		
Screw diameter	in	7.87	8.66	9.45
	mm	200	220	240
Screw ratio		23	23	23
Theoretical injection capacity	cu in	2147	2598	3092
	cm <sup>3</sup>	35186	42575	50668
Shot weight(PS)	g	32371	39169	46614
	oz	1142	1382	1644
Injection piston speed	in/s	2.28		
	mm/s	58		
Injection rate	cu in/s	110.8	134.1	159.6
	cm <sup>3</sup> /s	1816	2197	2615
	g/s	1671	2022	2406
Injection pressure	psi	30572	25266	21231
	Mpa	211	174	146
Max. Screw speed	r/min	54		

### Clamping Unit:

Clamping force	US Ton	5620
	kN	50000
Platen dimension	in x in	150.39 x 134.65
	mm x mm	3820 x 3420
Space between tie bar	in x in	110.24 x 94.49
	mm x mm	2800 x 2400
Opening stroke	in	144.88/96.85
	mm	3680/2460
Min. mold height	in	42.5
	mm	1080
Max. mold height	in	90.6
	mm	2300
Max. daylight	in	187.4
	mm	4760
Ejector stroke	in	21.7
	mm	550
Ejector force forward	US Tons	70
	kN	619
Ejector force back	US Ton	47
	kN	420
Number of Ejector bar	PC	33

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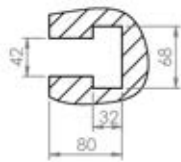
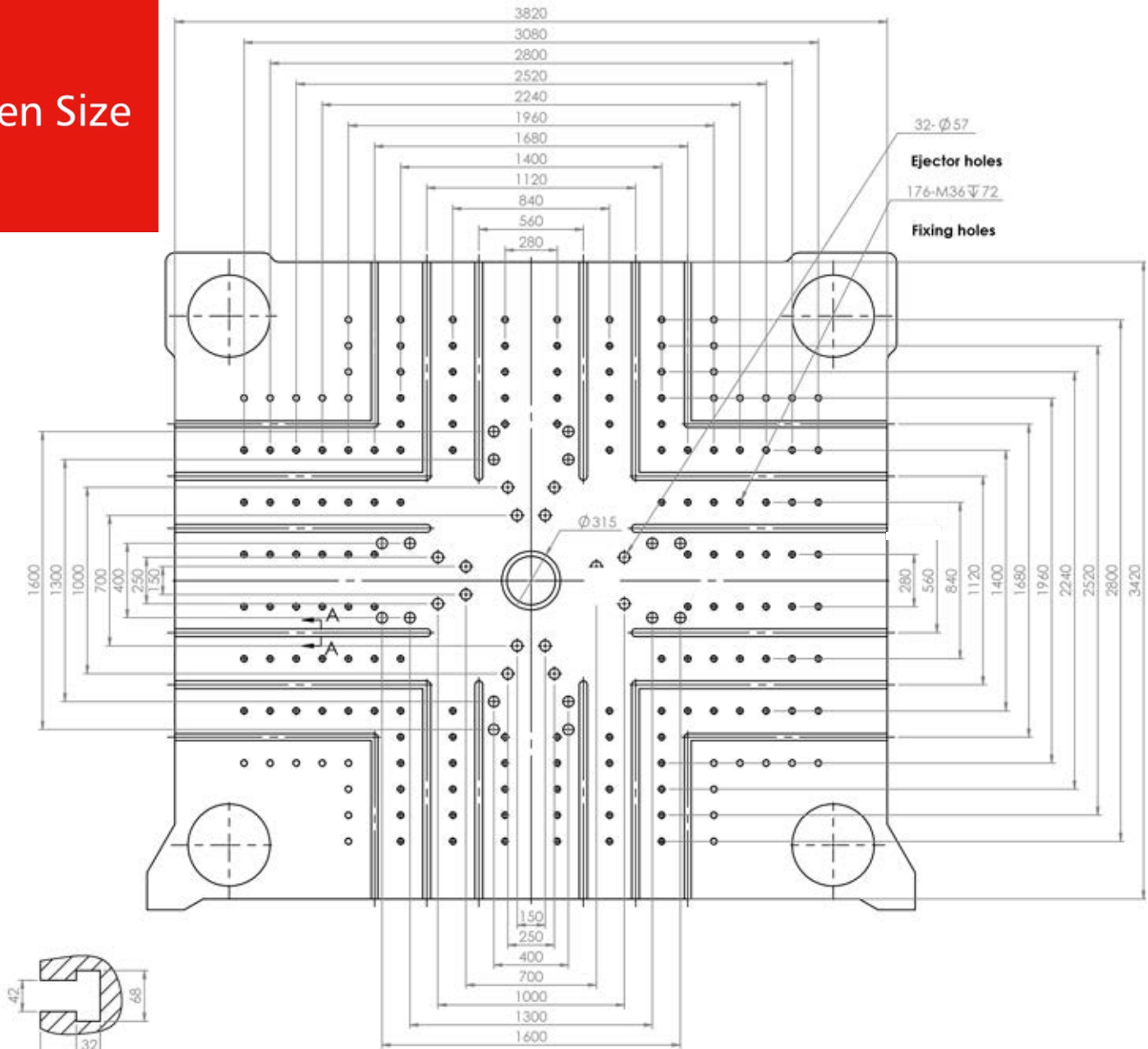
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**Other Machine Information:**

<b>Heater power</b>	kW	216	236	263
<b>Pump Motor</b>	hp	63+63+63+63+63		
	kW	47+47+47+47+47		
<b>System Pressure</b>	PSI	2538/3053		
	MPa	17.5/21		
<b>Dry cycle time/stroke(EUROMAP 6)</b>	s/mm	16/1960		
<b>Oil reservoir capacity</b>	Gal	925		
	L	3500		
<b>Max. mold weight</b>	lbs	220462		
	kg	100000		
<b>Net weight</b>	Lbs	660000		
	Ton	330		
<b>Machine size(LxWxH)</b>	ft x ft x ft	77.1x17.4x16.4		
	m×m×m	23.5x5.3x5.0		

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**Platen Size**

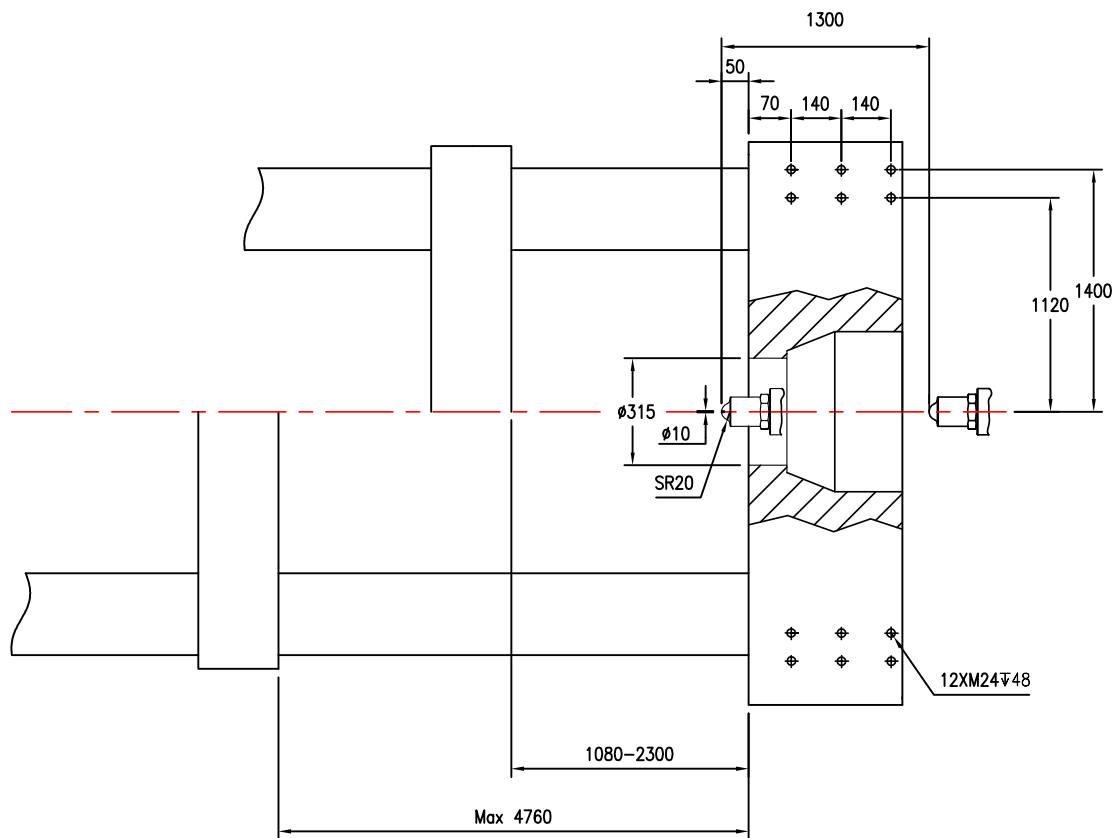


**A-A T - slot**

**BL5000DK**

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Platen  
Side Size



BL5000DK