

# BOLE DK Series Two Platen Hybrid Injection Molding Machine

## MODEL: BL1000DK/Z7210

**Measure Unit                    A                    B                    C**

### Injection Unit:

DESCRIPTION	UNIT	BL1000DK/Z7210		
<b>Screw diameter</b>	in	3.54	3.94	4.33
	mm	90	100	110
<b>Screw ratio</b>		23	23	23
<b>Theoretical injection capacity</b>	cu in	194	240	290
	cm <sup>3</sup>	3181	3927	4752
<b>Shot weight(PS)</b>	g	2926	3613	4372
	oz	103	127	154
<b>Injection piston speed</b>	in/s	4.18		
	mm/s	106		
<b>Injection rate</b>	cu in/s	41.2	50.9	61.5
	cm <sup>3</sup> /s	675	833	1008
	g/s	621	767	928
<b>Injection pressure</b>	psi	32902	26651	22025
	Mpa	227	184	152
<b>Max. Screw speed</b>	r/min	120		

### Clamping Unit:

<b>Clamping force</b>	US Ton	1124
	kN	10000
<b>Platen dimension</b>	in x in	73.03 x 67.52
	mm x mm	1855 x 1715
<b>Space between tie bar</b>	in x in	49.6 x 44.1
	mm x mm	1260x1120
<b>Opening stroke</b>	in	73.6/45.3
	mm	1870/1150
<b>Min. mold height</b>	in	18.9
	mm	480
<b>Max. mold height</b>	in	47.2
	mm	1200
<b>Max. daylight</b>	in	92.5
	mm	2350
<b>Ejector stroke</b>	in	12.6
	mm	320
<b>Ejector force forward</b>	US Tons	26
	kN	232
<b>Ejector force back</b>	US Ton	17
	kN	155
<b>Number of Ejector bar</b>	PC	25

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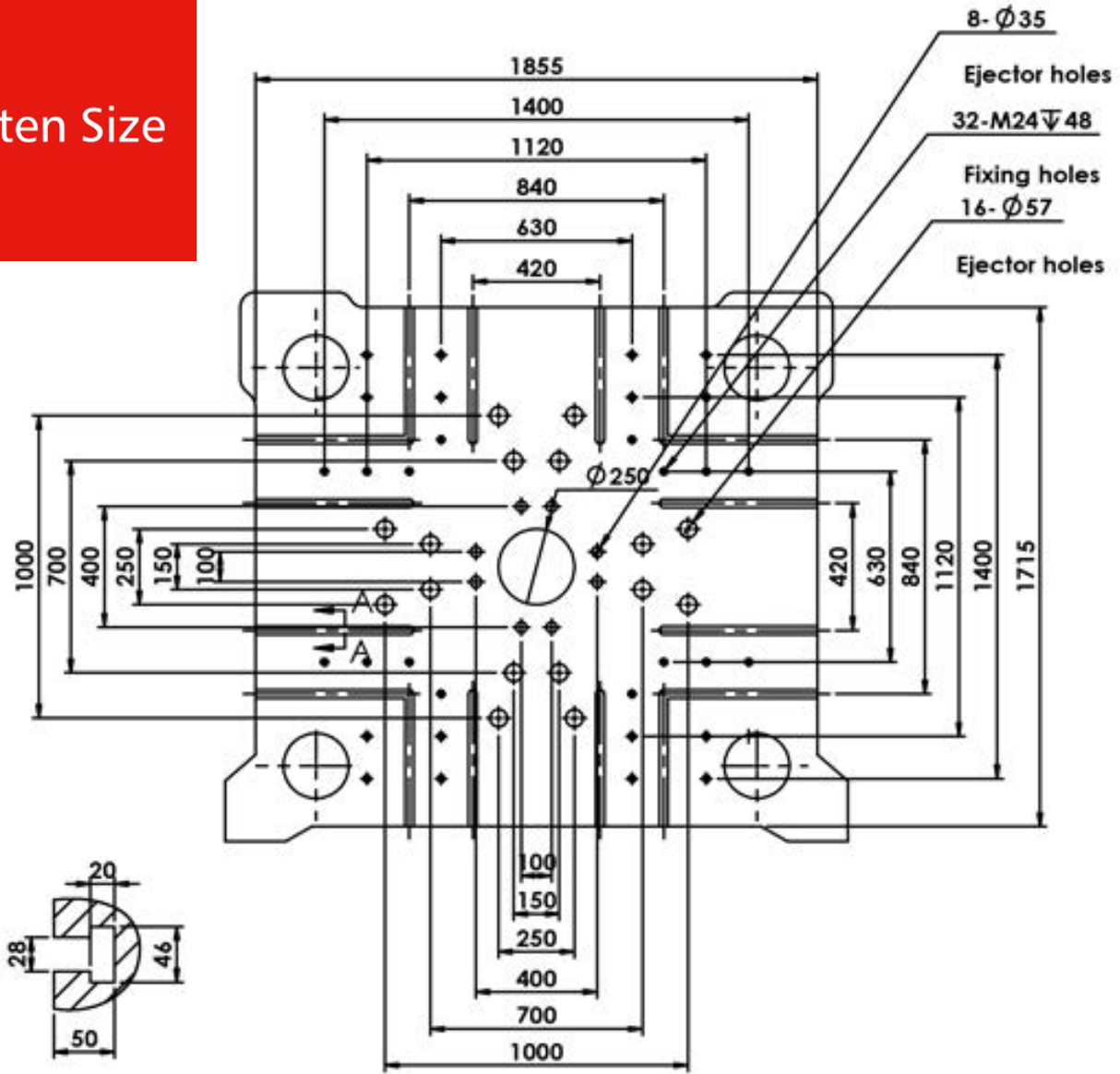
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**Other Machine Information:**

<b>Heater power</b>	kW	42	56	72
<b>Pump Motor</b>	hp	63+40+33		
	kW	47+30+25		
<b>System Pressure</b>	PSI	2538/3045		
	MPa	17.5/21		
<b>Dry cycle time/stroke(EUROMAP 6)</b>	s/mm	4.2/882		
<b>Oil reservoir capacity</b>	Gal	370		
	L	1400		
<b>Max. mold weight</b>	lbs	33069		
	kg	15000		
<b>Net weight</b>	Lbs	100000		
	Ton	50		
<b>Machine size(LxWxH)</b>	ft x ft x ft	35.43 x 11.48 x 10.5		
	m×m×m	10.8×3.5×3.2		

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Platen Size

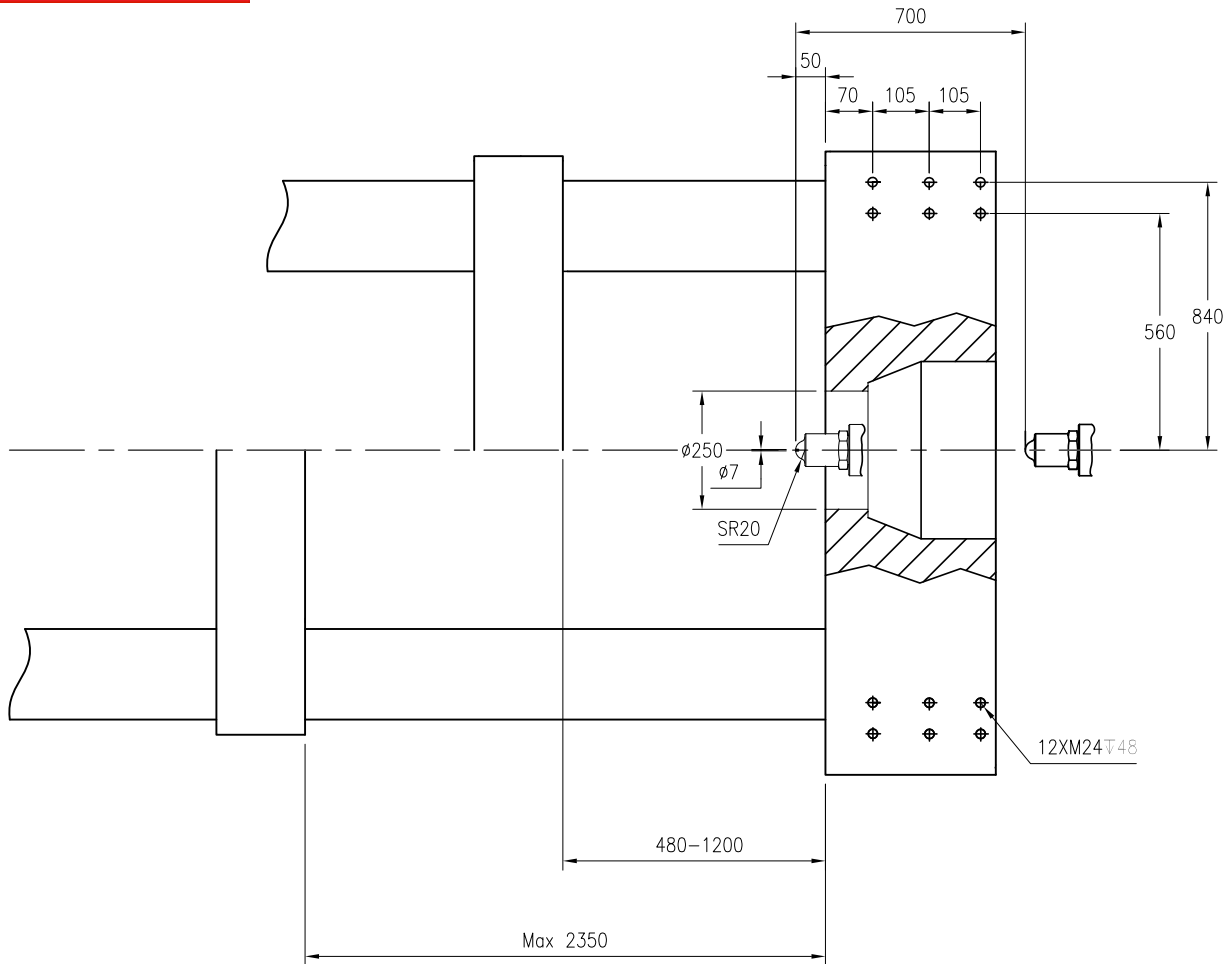


A-A T-slot

BL1000DK

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Platen  
Side Size



BL1000DK