

JU14000V-8950

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU14000V
Clamping Force	kN	14000
Mold Opening Stroke (Min/Max)	mm	2350/1600
Minimum Mold Height	mm	700
Maximum Mold Height	mm	1450
Maximum Daylight	mm	3050
Distance Between Tie-Bars (HXV)	mm	1470×1360
Platen Dimensions (HXV)	mm	2072×1972
Ejector Stroke	mm	400
Ejector Force	kN	330
Maximum Mold Weight*	t	27

Specification



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Injection Unit		8950		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	100	110	120
Screw L/D Ratio	L/D	24.2	22	20.2
Injection Volume (theoretical)	cm ³	4005	4846	5767
Injection Weight (PS)	g	3645	4410	5248
Injection Rate (PS)	g/s	797	965	1148
Injection Pressure	MPa	196	162	136
Injection Pressure (max)*	MPa	223	184	154
Plasticizing Rate (GPPS)	g/s	120.7	144.8	167.8
Plasticizing Rate (HDPE)	g/s	181.2	217.2	247
Screw Speed	rpm	155	155	155



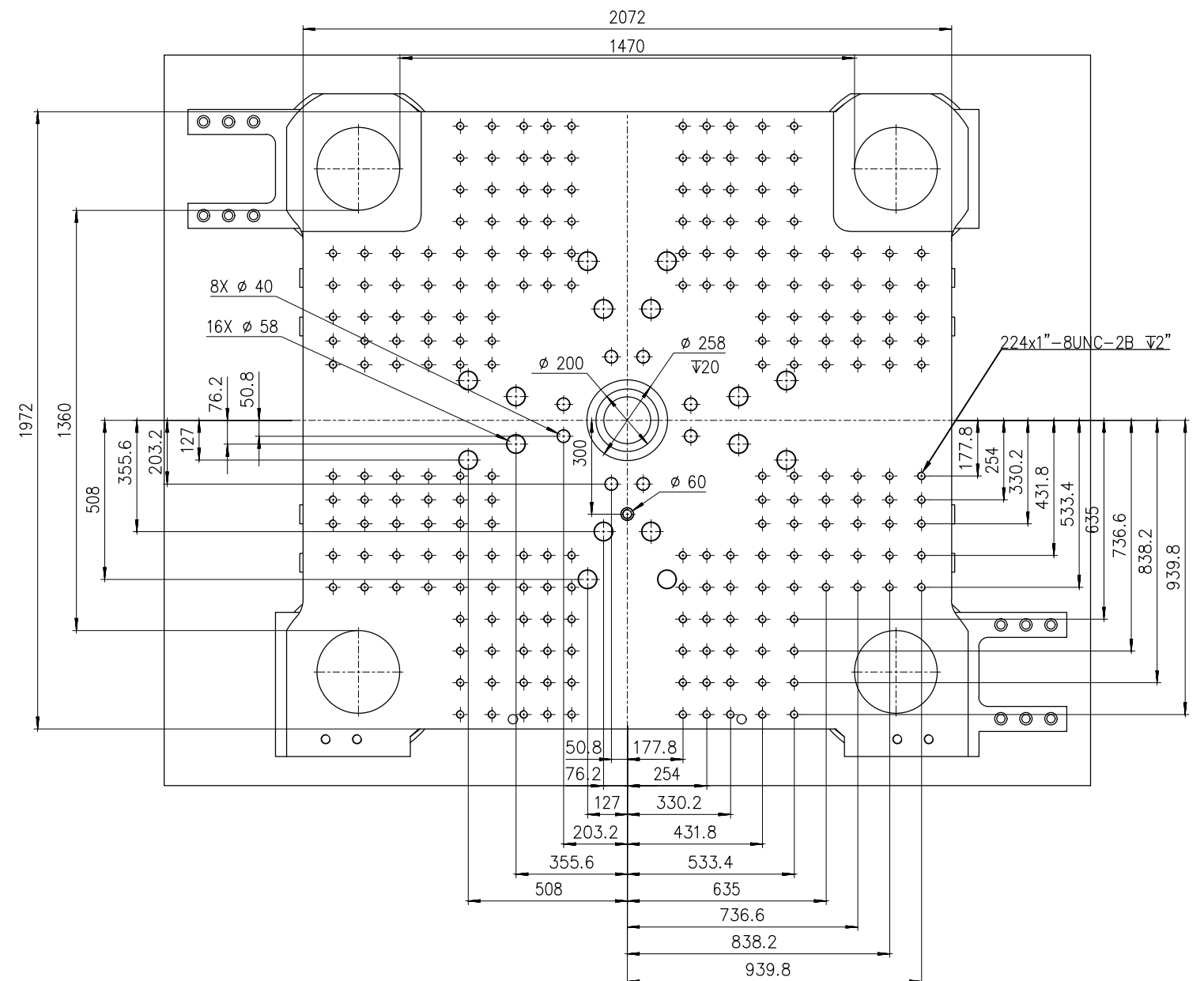
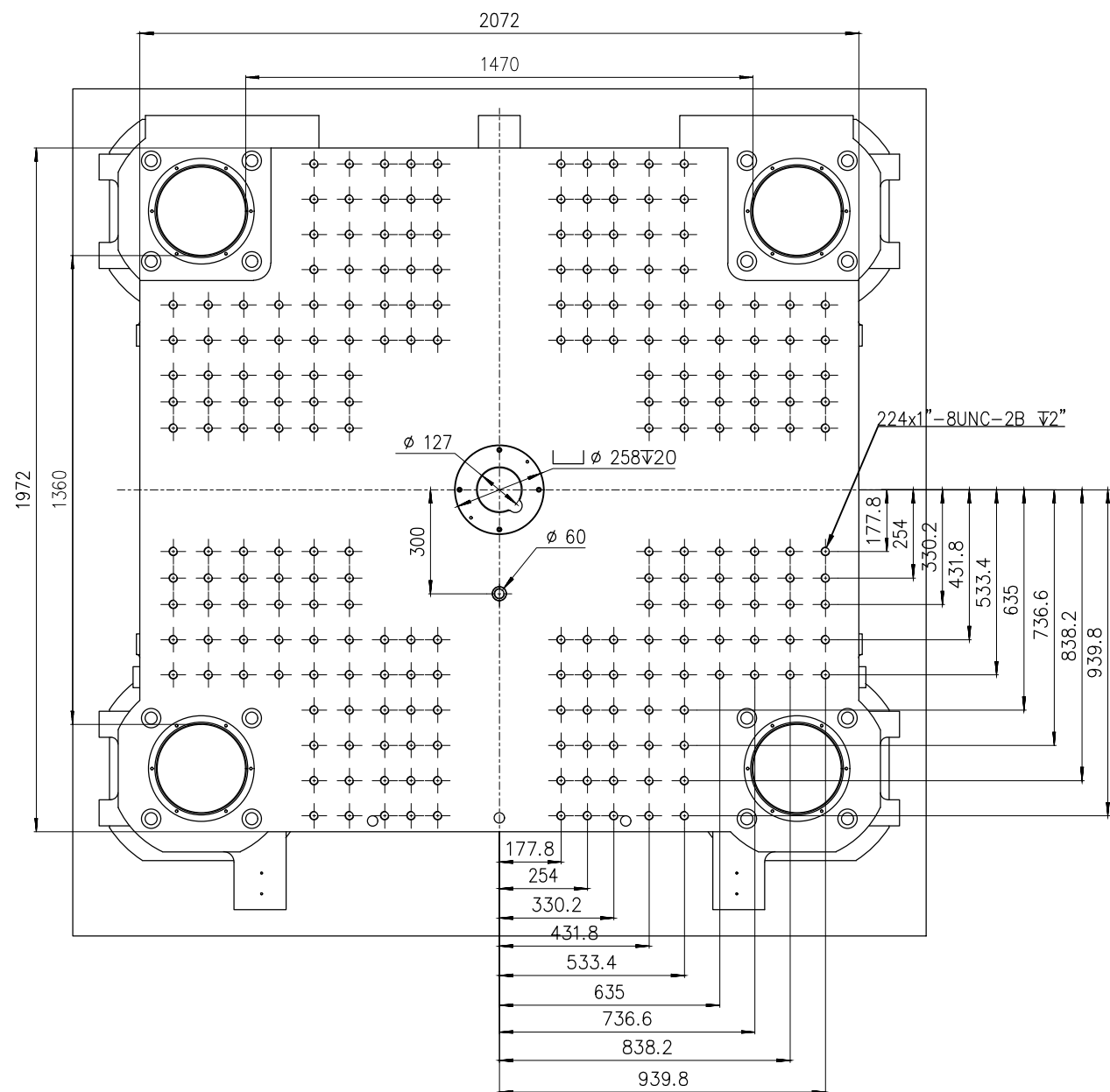
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Other		
Pump Motor Power	kW	127
Heater Power	kW	83
Machine Dimension (LxWxH)	m	10.79×3.52×4.05
Machine Weight	t	62
Hopper Capacity	kg	200
Oil Tank	l	840

***NOTE:**

1. Injection Pressure (max) uses the machine's regeneration oil circuit to increase the injection pressure. This function will reduce injection control and repeatability. The standard "Injection Pressure" specification is the maximum injection pressure in a normal operating mode.
2. Moving platen max mold weight is 2/3 of total max mold weight.
3. Electric screw drive (screw rotate) is standard for injection units under 11500. For injection units 11500 and above electric screw drive is optional.
4. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Cabletech Marketing service department for machine specific information.
5. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Cabletech Marketing service department for machine specific information.



Fixed Platen

Moving Platen

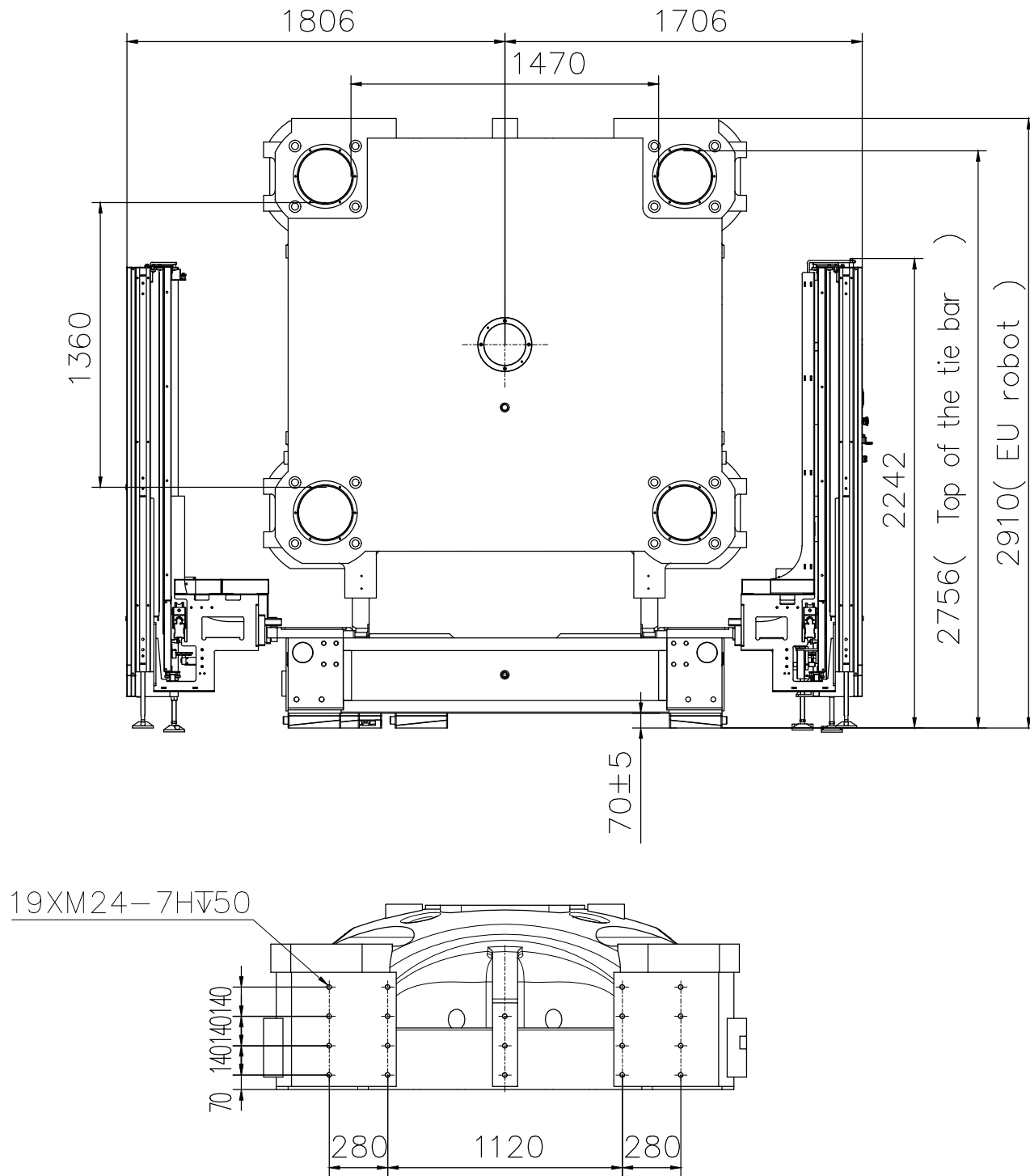


Title: JUV 14000 Fixed & Moving Platens Drawing			
Machine Model: JUV 14000		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 1/9/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 1/9/2024
Revision	Date:	Drawing #:	NOT TO SCALE
Rev #: 1			Size: 11 X 17 "B"
Rev #: 2			Units: mm / [in]
Rev #: 3			Material:
Rev #: 4			Part:
Rev #: 5			Part:
			Part:
			Part:

PLEASE READ:
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility requirements for space, part clearance, overhead clearance, or any other interference. By signing this document, the customer accepts full responsibility for this design and application.

Customer:	Customer Approval: Authorized Signature
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Notes:



Title: JU V 14000-11500 Robot Mounting Drawing

Machine Model: JU V 14000-11500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1
Drawn By: Harry Date: 4/9/2024
Chkd By: LEON XIE Date: 4/9/2024

Revision	Date:	Drawing #: Robot Mounting
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

NOT TO SCALE	Size: 11 X 17 "B"
Units: mm / [in]	
Material:	
Part:	
Part:	
Part:	
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Notes: