

JU7500V-4650

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU7500V
Clamping Force	kN	7500
Mold Opening Stroke (Min/Max)	mm	1400/900
Minimum Mold Height	mm	450
Maximum Mold Height	mm	950
Maximum Daylight	mm	1850
Distance Between Tie-Bars (HXV)	mm	1120×960
Platen Dimensions (HXV)	mm	1520x1440
Ejector Stroke	mm	300
Ejector Force	kN	195
Maximum Mold Weight*	t	11

Specification



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Injection Unit		4650		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	85	90
Screw L/D Ratio	L/D	23.4	22	20.8
Injection Volume (theoretical)	cm3	2211	2496	2799
Injection Weight (PS)	g	2012	2272	2547
Injection Rate (PS)	g/s	525	593	665
Injection Pressure	MPa	181	160	143
Injection Pressure (max)*	MPa	208	185	165
Plasticizing Rate (GPPS)	g/s	80.2	88.7	101
Plasticizing Rate (HDPE)	g/s	119.7	132.9	150.2
Screw Speed	rpm	200	200	200



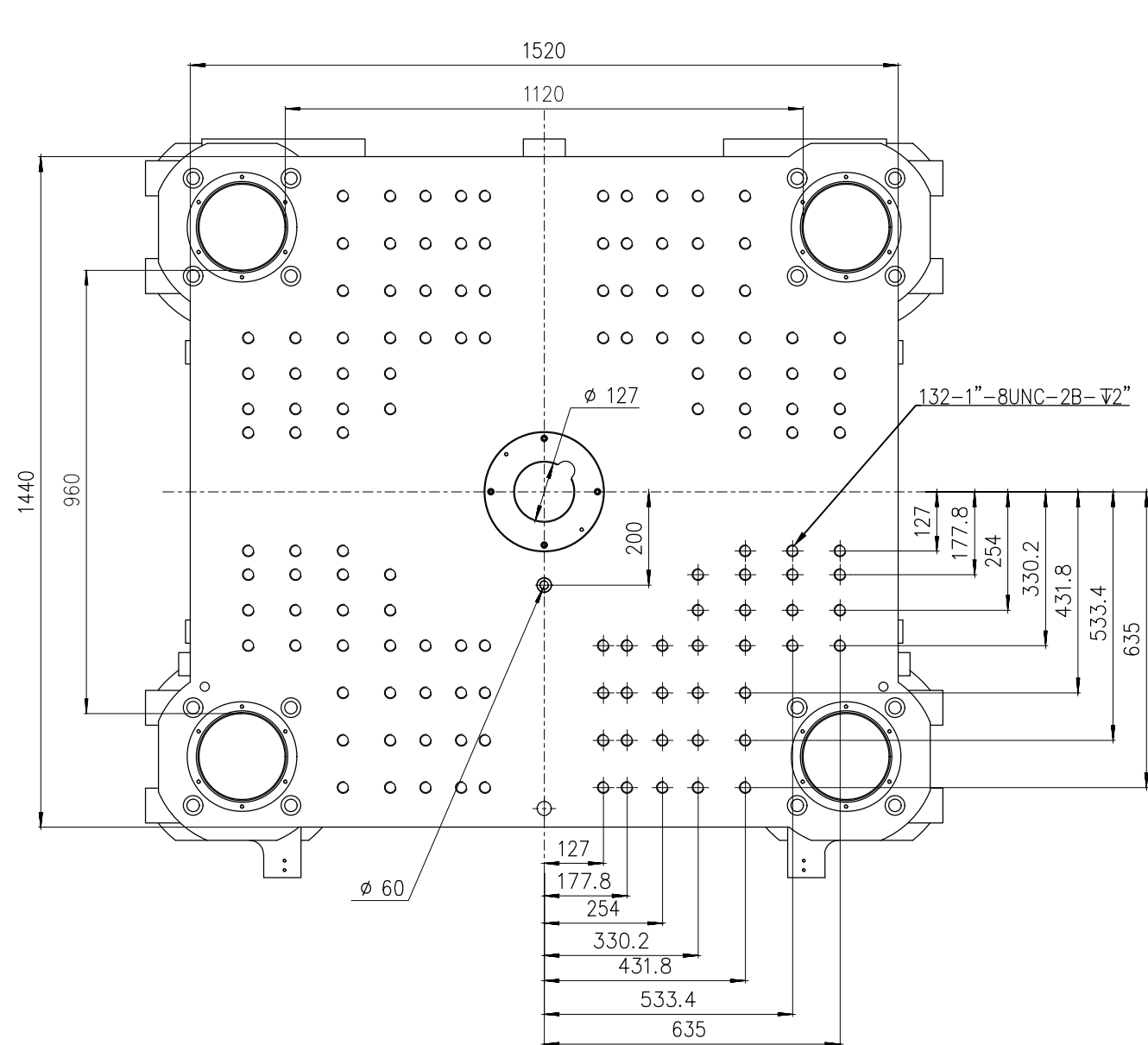
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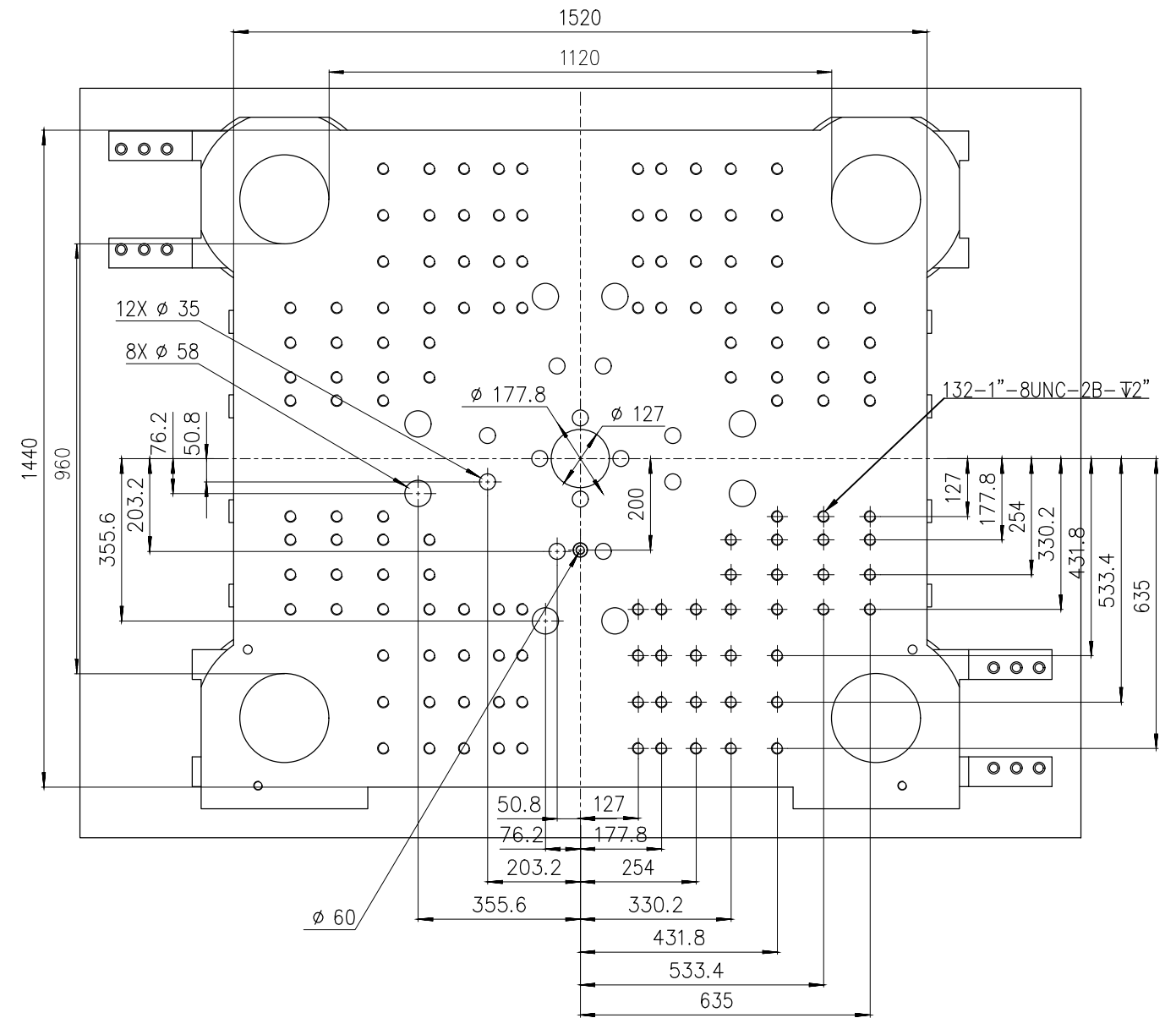
Other		
Pump Motor Power	kW	75
Heater Power	kW	48
Machine Dimension (LxWxH)	m	8.33×2.76×2.90
Machine Weight	t	28
Hopper Capacity	kg	100
Oil Tank	l	510

***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 7500 Fixed & Moving Platens Drawing

Machine Model: JUV 7500

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2023

Chkd By: LEON XIE

Date: 1/9/2023

NOT TO SCALE Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

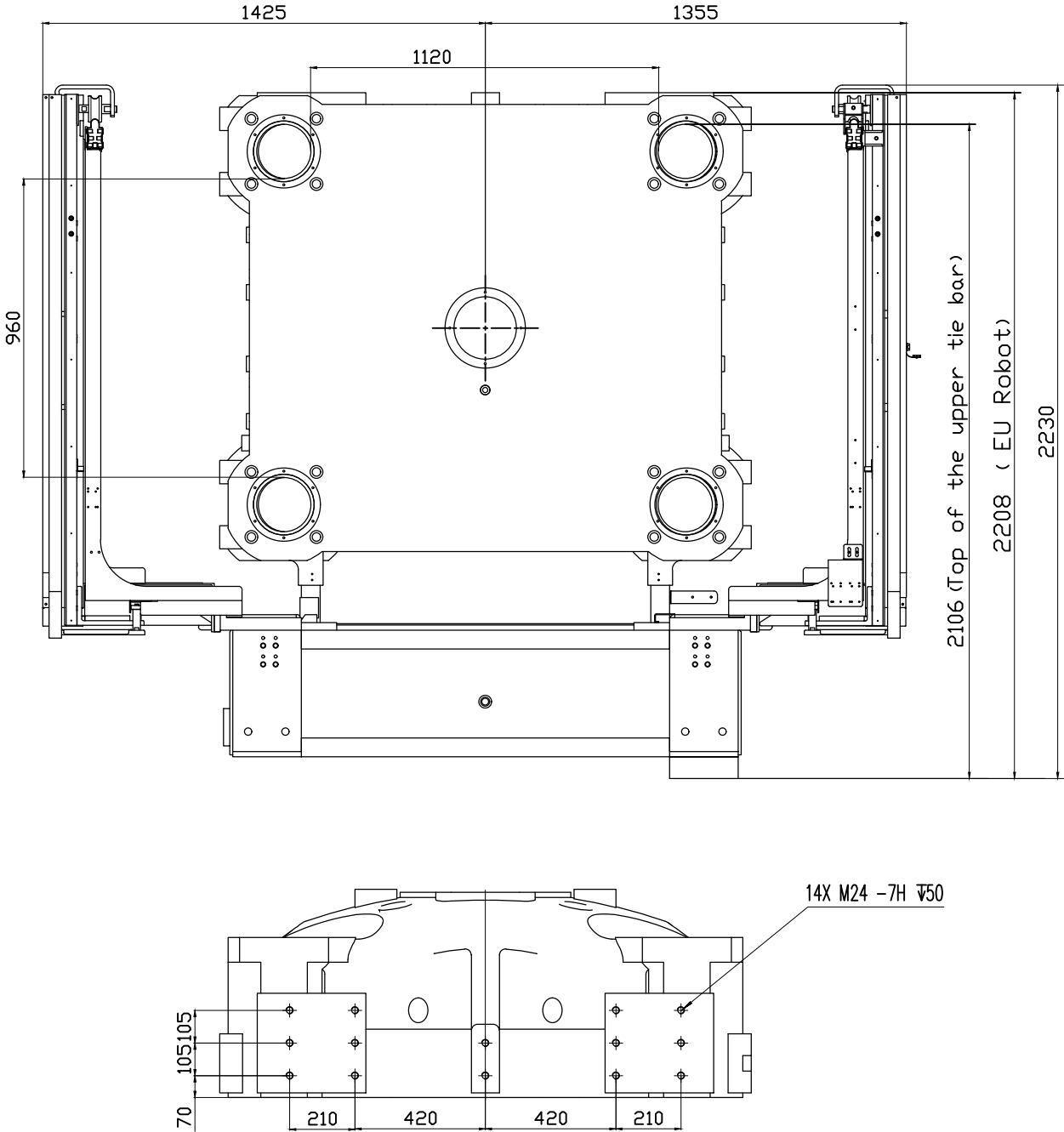
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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

Notes:



Title: JU V 7500-5350 Robot Mounting Drawing				
Machine Model: JU V 7500-5350			Sheet: 1 of 1	
Machine Serial Number:			Drawn By: Harry	Date: 4/9/2024
Machine Tonnage:			Chkd By: LEON XIE	Date: 4/9/2024
Revision	Date:	Drawing #: Robot Mounting	NOT TO SCALE	Size: 11 X 17 "B"
Rev #: 1				Units: mm / [in]
Rev #: 2				Material:
Rev #: 3				Part:
Rev #: 4				Part:
Rev #: 5				Part:

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