

JU7500V-3450

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		3450		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	70	80	85
Screw L/D Ratio	L/D	22.9	20	19.1
Injection Volume (theoretical)	cm ³	1423	1859	2099
Injection Weight (PS)	g	1295	1692	1910
Injection Rate (PS)	g/s	457	597	674
Injection Pressure	MPa	208	159	141
Injection Pressure (max)*	MPa	239	183	162
Plasticizing Rate (GPPS)	g/s	69.8	92	101
Plasticizing Rate (HDPE)	g/s	105.1	141.5	159.7
Screw Speed	rpm	220	220	220



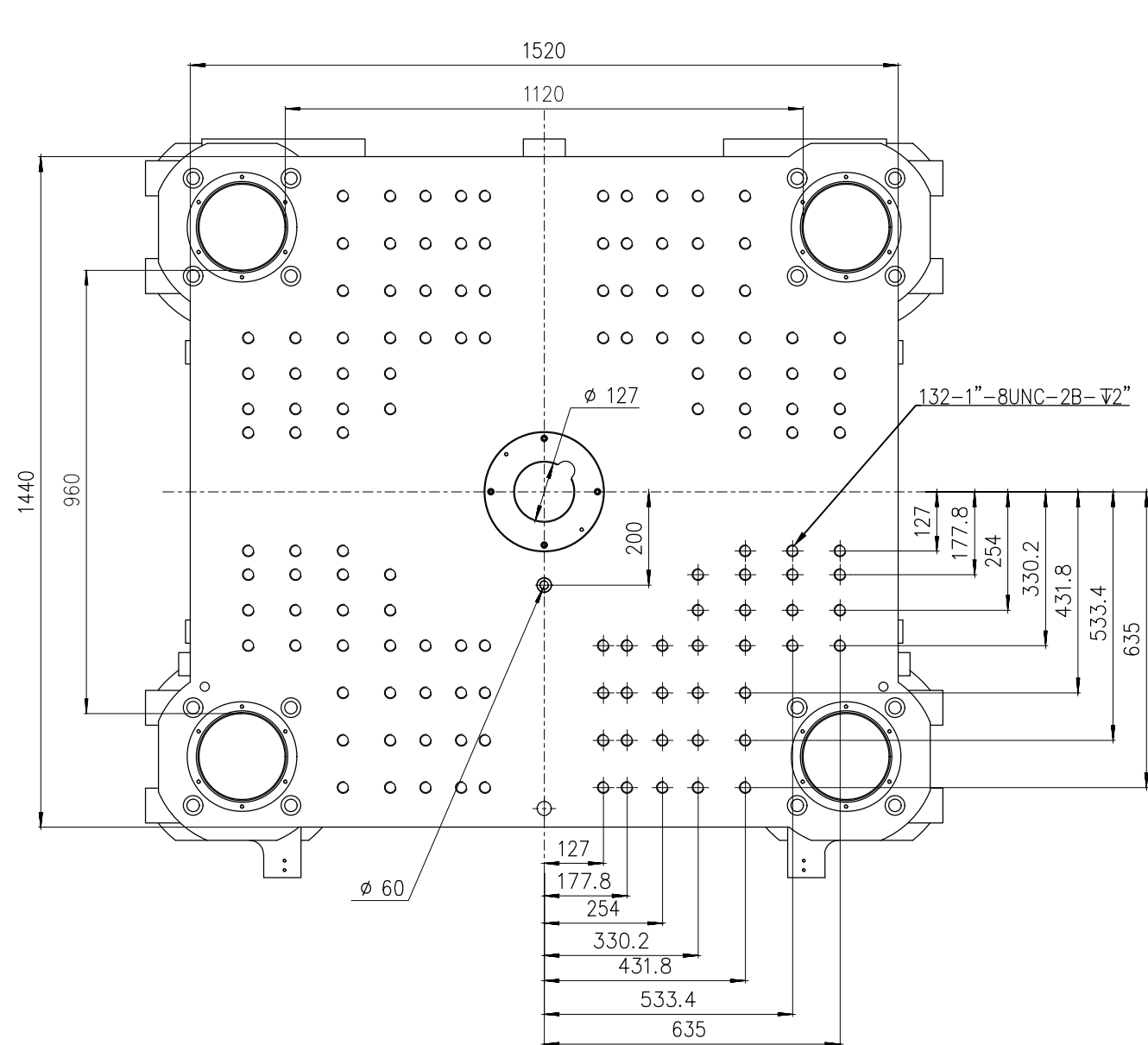
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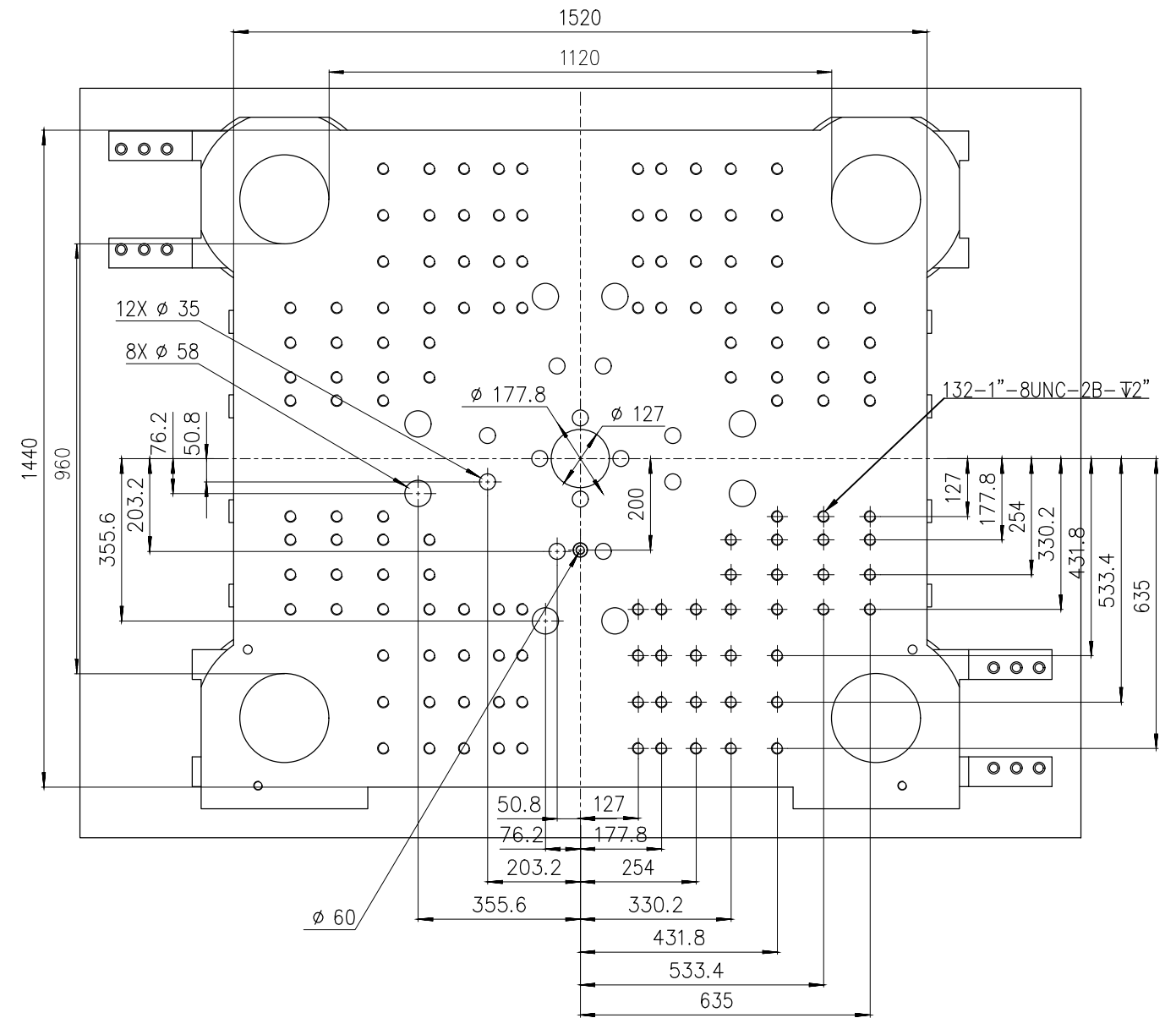
Other		
Pump Motor Power	kW	75
Heater Power	kW	39
Machine Dimension (LxWxH)	m	7.86×2.76×2.55
Machine Weight	t	27
Hopper Capacity	kg	50
Oil Tank	l	430

***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

Revision Date: Drawing #:

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:

Part:

PLEASE READ:

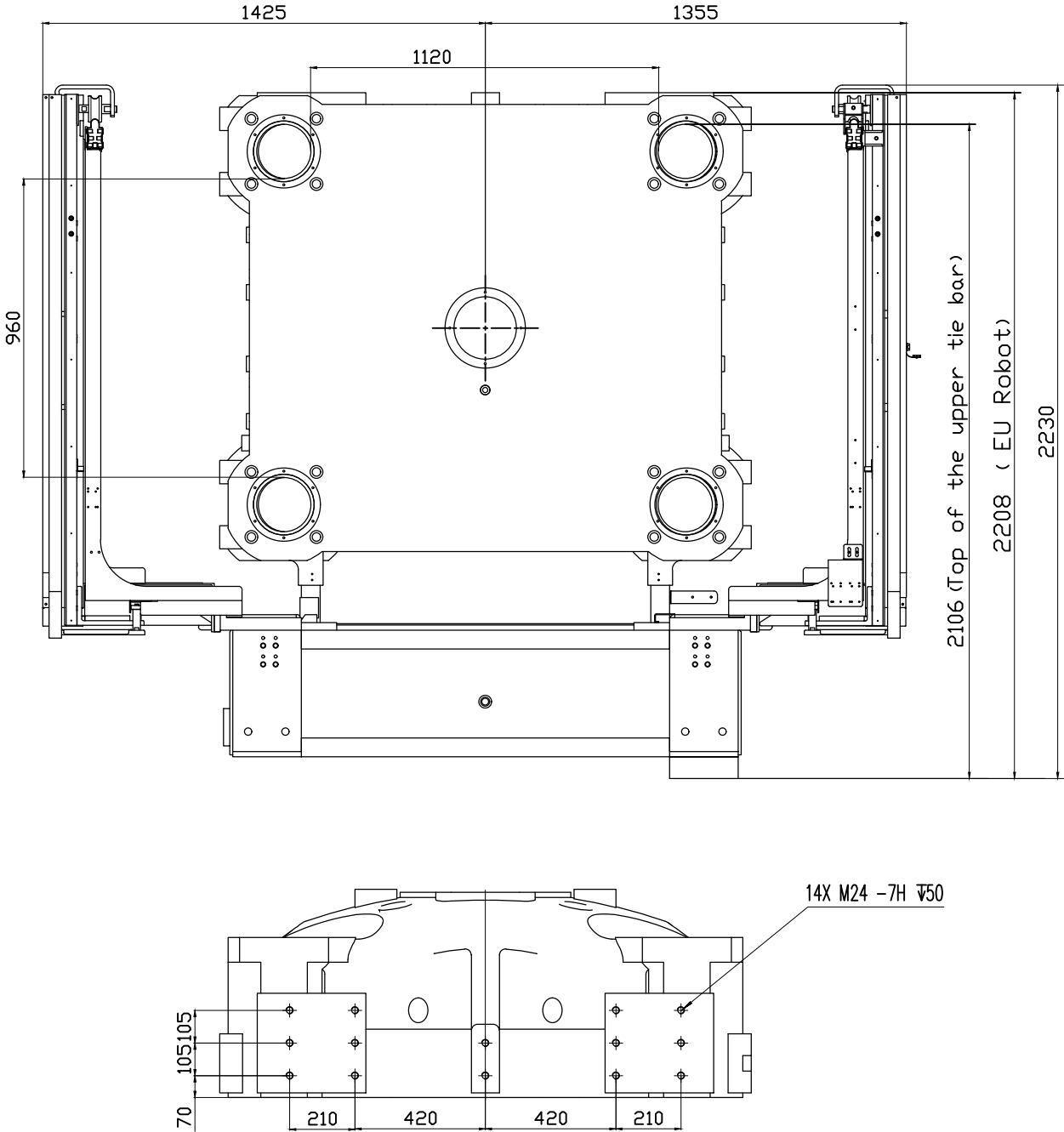
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

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:

PLEASE READ:

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