

JU7500V-6750

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		6750		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	90	100	110
Screw L/D Ratio	L/D	24.4	22	20
Injection Volume (theoretical)	cm ³	2990	3691	4466
Injection Weight (PS)	g	2720	3359	4064
Injection Rate (PS)	g/s	644	796	963
Injection Pressure	MPa	193	156	129
Injection Pressure (max)*	MPa	222	180	148
Plasticizing Rate (GPPS)	g/s	103.4	127.1	150.2
Plasticizing Rate (HDPE)	g/s	155.6	191	227.5
Screw Speed	rpm	170	170	170



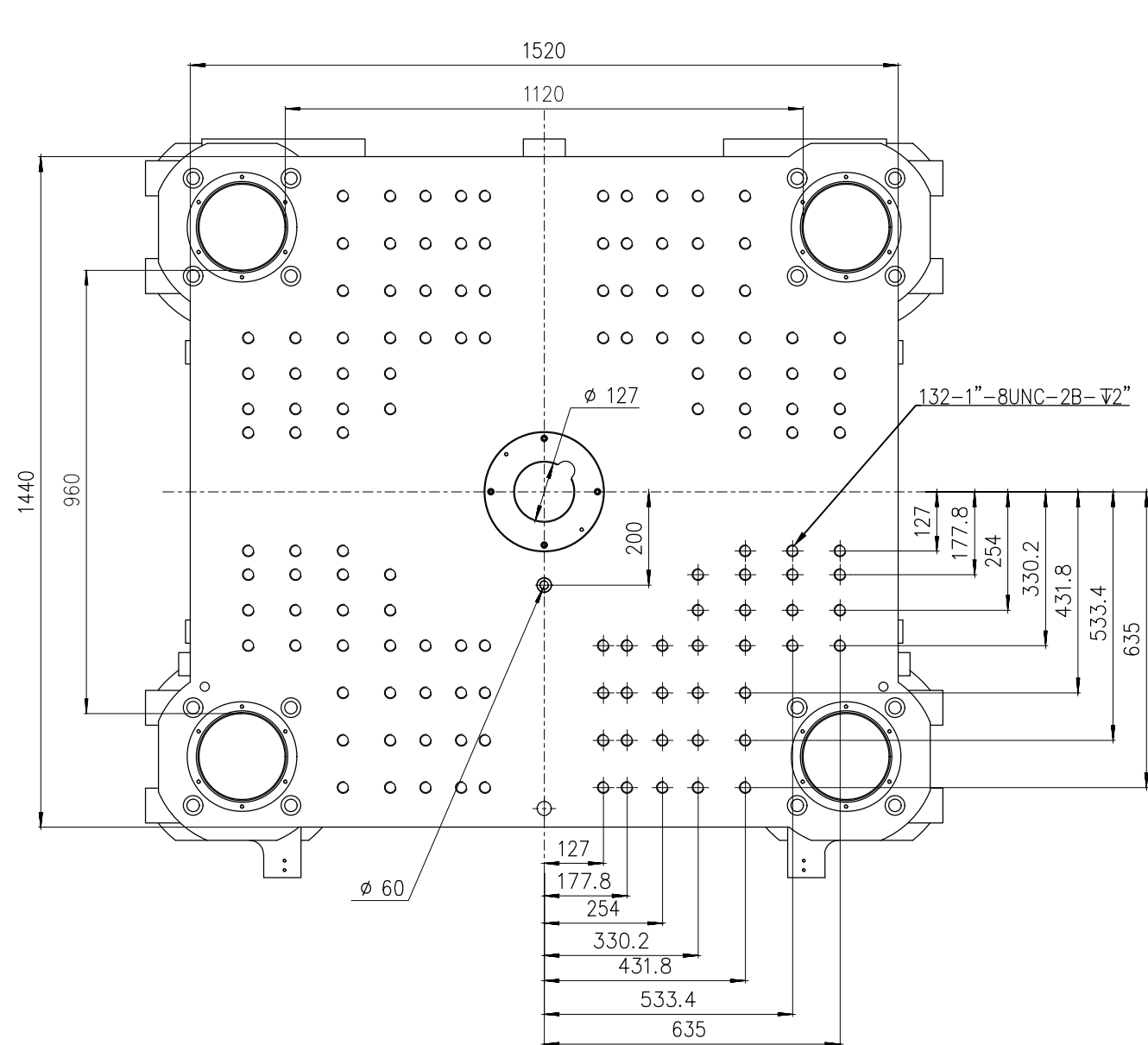
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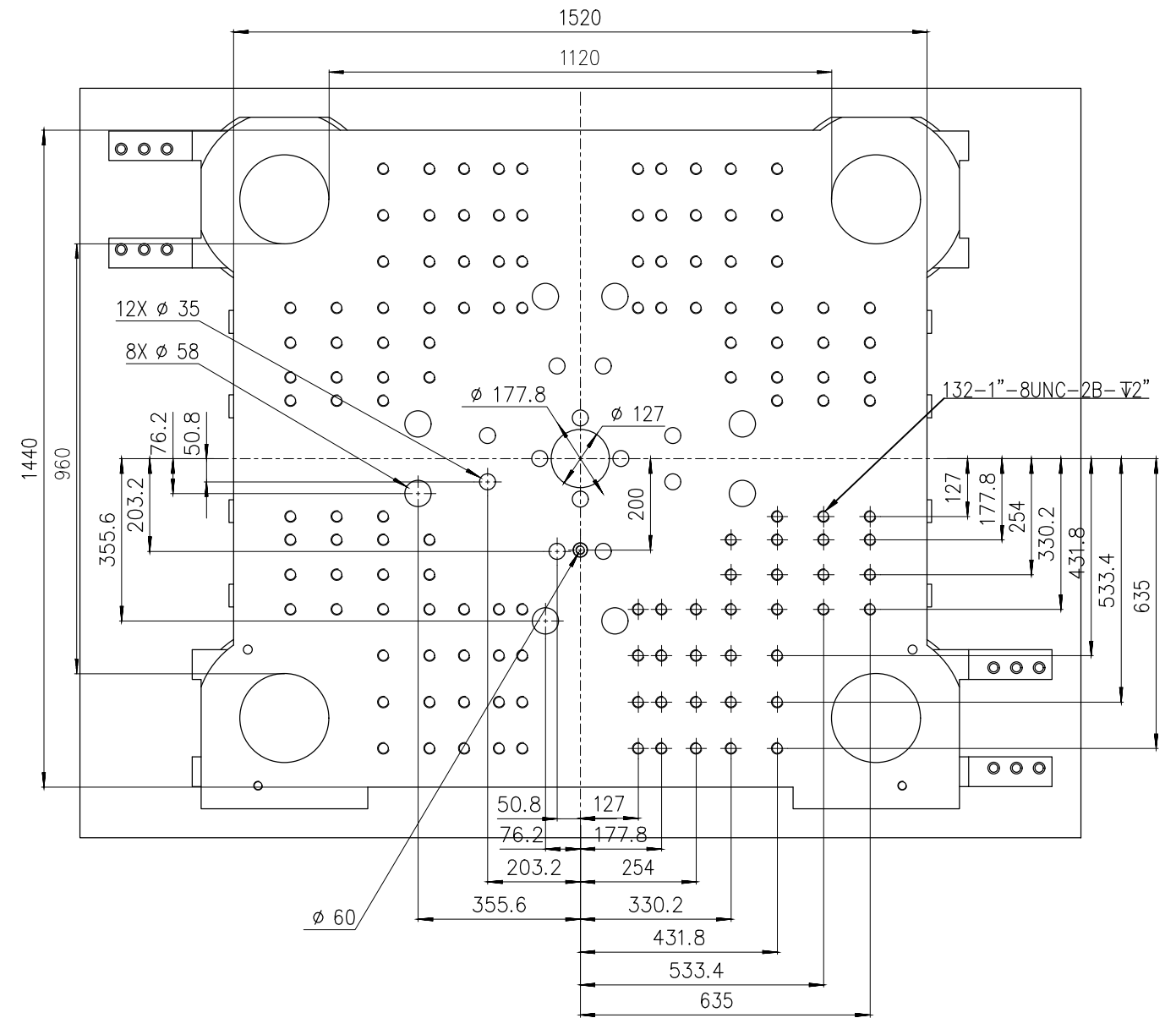
Other		
Pump Motor Power	kW	105
Heater Power	kW	71
Machine Dimension (LxWxH)	m	8.80×2.76×2.93
Machine Weight	t	31
Hopper Capacity	kg	100
Oil Tank	l	590

***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"

Revision Date: Drawing #:

Rev #: 1

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

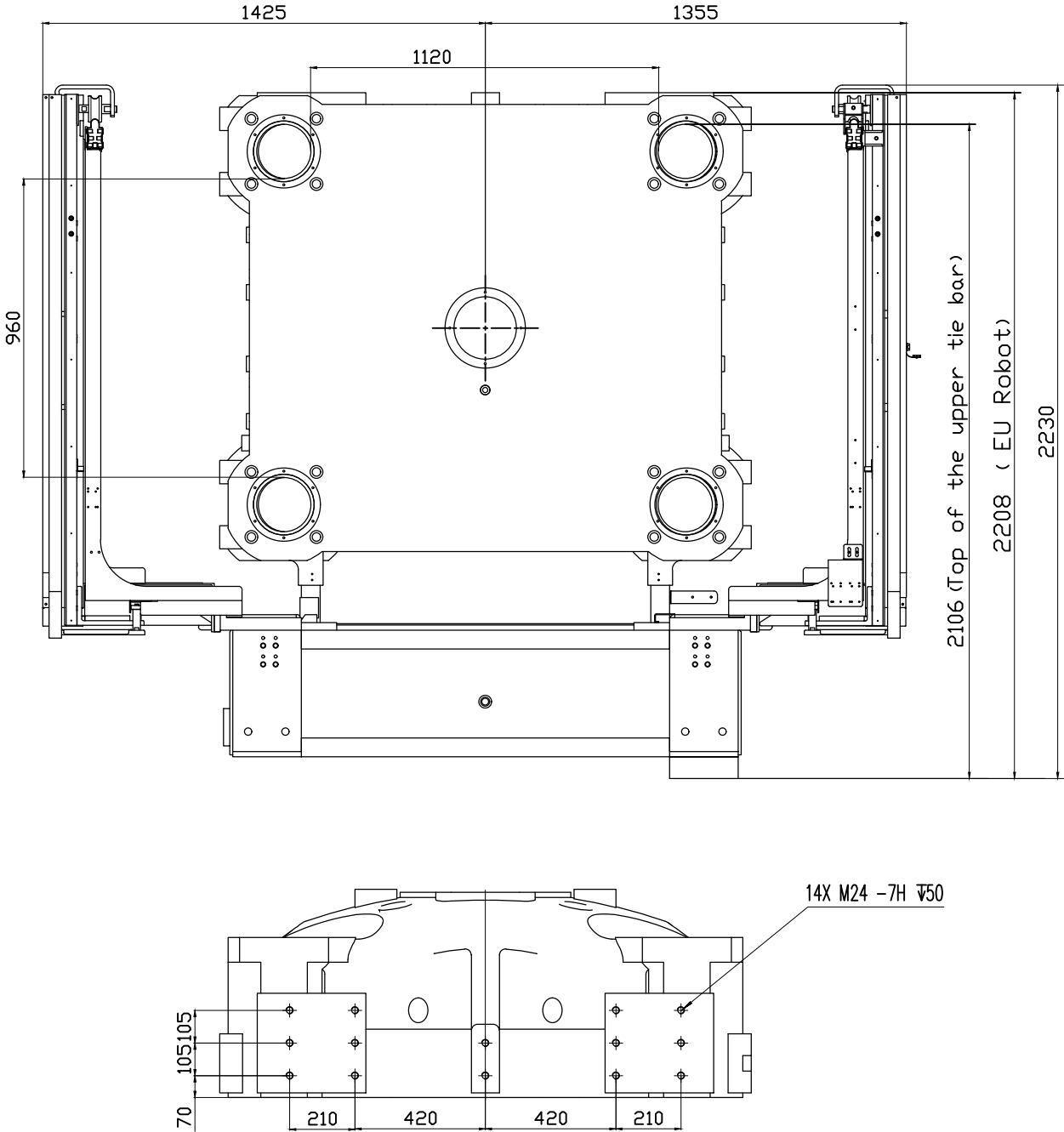
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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