

Specification



JU7500V-5350

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU7500V
Clamping Force	kN	7500
	US Tons	843
Mold Opening Stroke (Min/Max)	mm	1400/900
	in.	55.12/35.43
Minimum Mold Height	mm	450
	in.	17.72
Maximum Mold Height	mm	950
	in.	37.4
Maximum Daylight	mm	1850
	in.	72.83
Distance Between Tie-Bars (HXV)	mm	1120×960
	in.	44.09×37.8
Platen Dimensions (HXV)	mm	1520×1440
	in.	59.84×56.69
Ejector Stroke	mm	300
	in.	11.81
Ejector Force	kN	195
	US Tons	22
Maximum Mold Weight*	t	11
	lbs.	24251

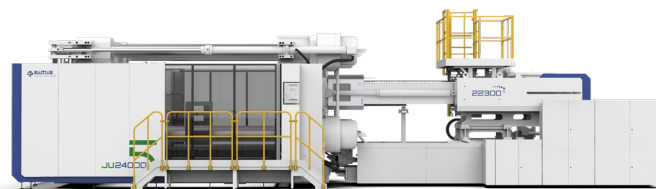
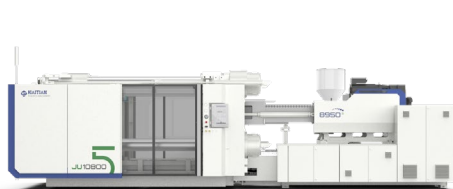
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Injection Unit		5350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	90	100
	in.	3.15	3.54	3.94
Screw L/D Ratio	L/D	24.8	22	19.8
Injection Volume (theoretical)	cm ³	2261	2862	3534
	cu.in.	137.97	174.65	215.66
Injection Weight (PS)	g	2058	2605	3216
	oz.	72.59	91.89	113.44
Injection Rate (PS)	g/s	551	697	861
	oz./s	19.44	24.59	30.37
Injection Pressure	MPa	204	161	130
	psi	29588	23351	18855
Injection Pressure (max)*	MPa	236	186	151
	psi	34229	26977	21901
Plasticizing Rate (GPPS)	g/s	85	106.6	131
	oz./s	3.00	3.76	4.62
Plasticizing Rate (HDPE)	g/s	127.9	162.2	200.1
	oz./s	4.51	5.72	7.06
Screw Speed	rpm	190	190	190



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Specifications subject to change without notice



Rev 2 7/9/2024

Specification



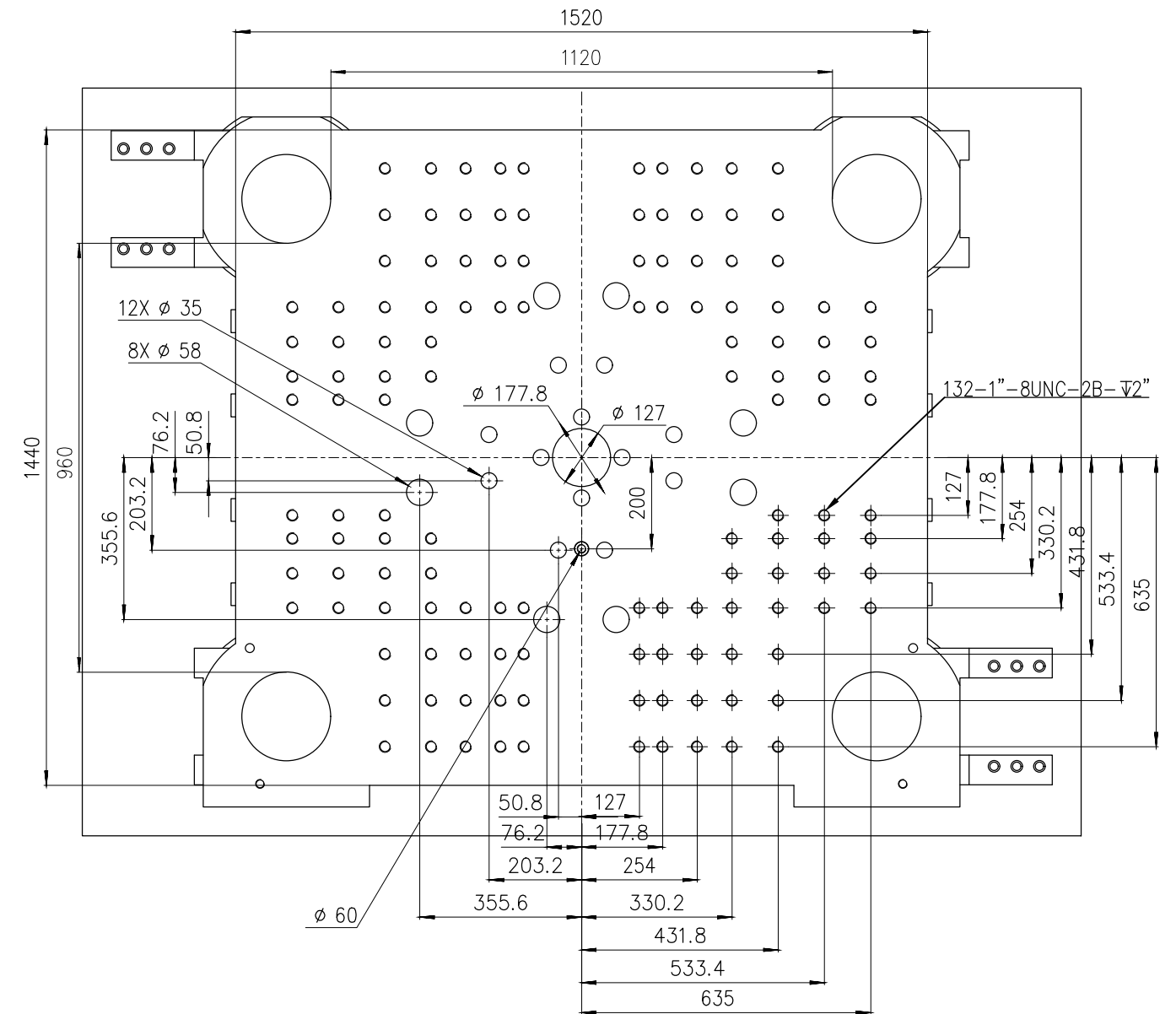
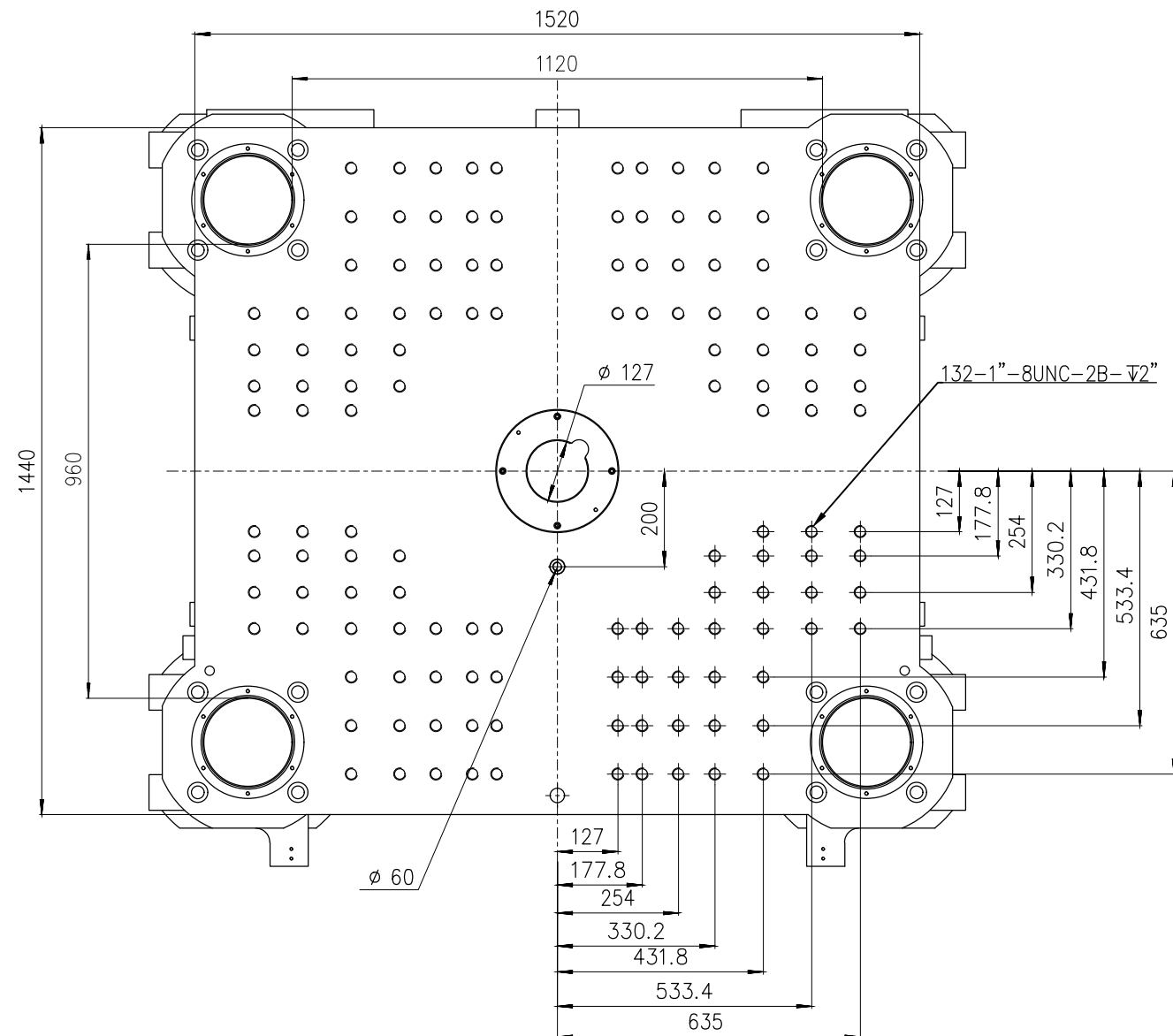
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Other		
Pump Motor Power	kW	90
Heater Power	kW	54
Machine Dimension (LxWxH)	m	8.65×2.76×2.92
	in.	341x109x115
Machine Weight	t	29
	lbs.	63934
Hopper Capacity	kg	100
	lbs.	220
Oil Tank	l	510
	gal	135

***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 Absolute Haitian 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 Absolute Haitian service department for machine specific information.



Fixed Platen

Moving Platen



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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 #:	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:	

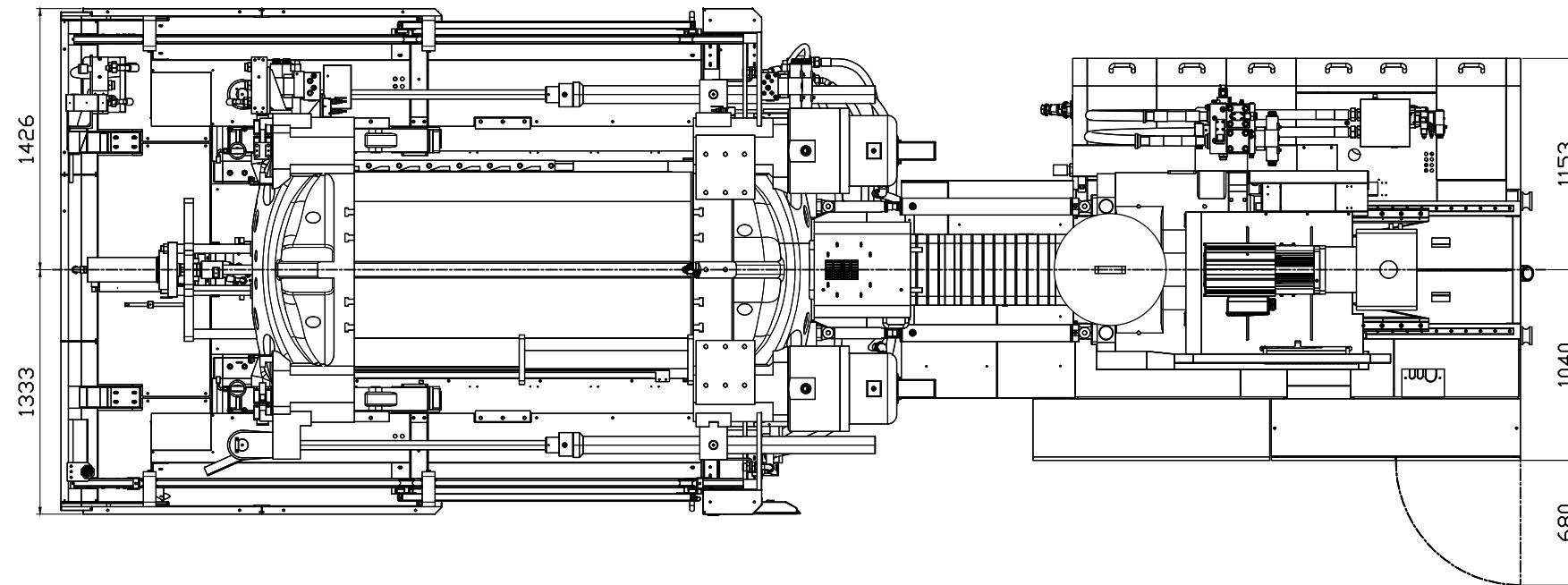
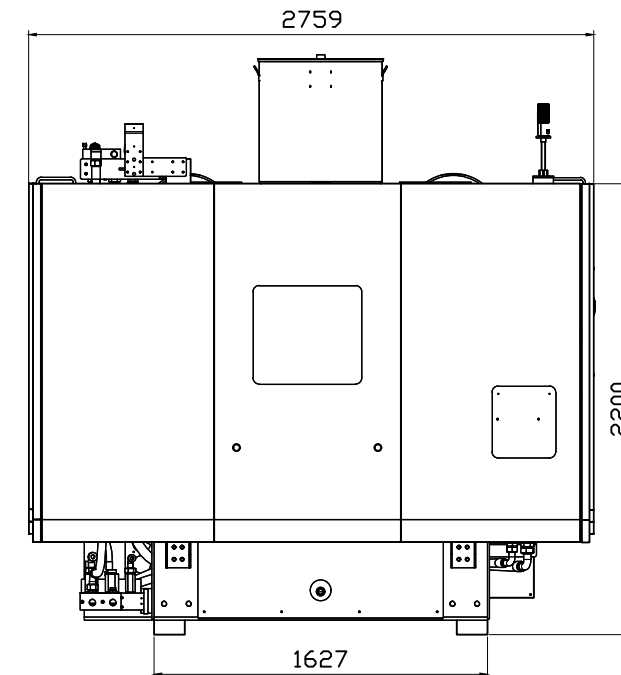
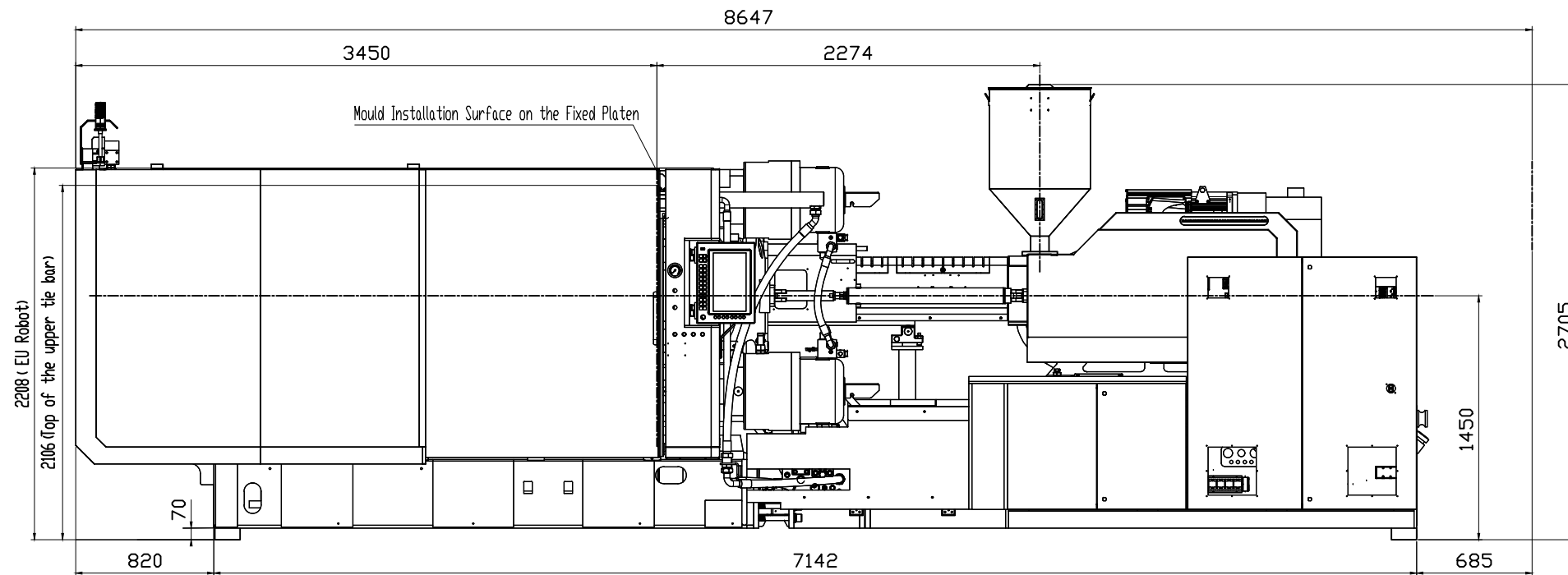
PLEASE READ:

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:



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Title: JU V 7500-5350 Layout Drawing

Machine Model: JU V 7500-5350

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 3/21/2024

Chkd By: LEON XIE

Date: 3/21/2024

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

PLEASE READ:

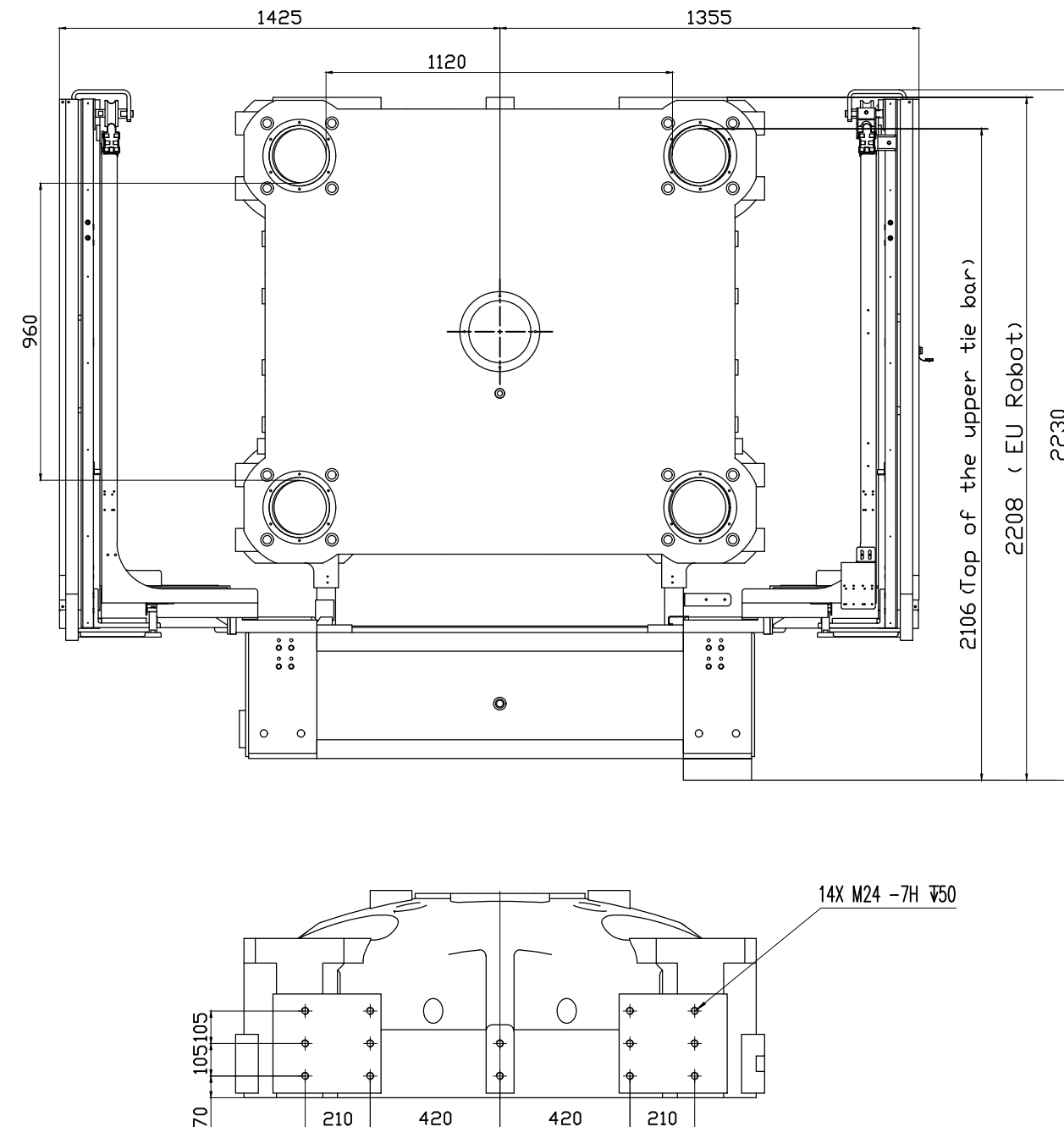
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Notes:



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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:

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: