

Specification



JU9000V-6750

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU9000V
Clamping Force	kN	9000
	US Tons	1012
Mold Opening Stroke (Min/Max)	mm	1600/1000
	in.	62.99/39.37
Minimum Mold Height	mm	500
	in.	19.69
Maximum Mold Height	mm	1100
	in.	43.31
Maximum Daylight	mm	2100
	in.	82.68
Distance Between Tie-Bars (HXV)	mm	1180×1000
	in.	46.46×39.37
Platen Dimensions (HXV)	mm	1560×1520
	in.	61.42×59.84
Ejector Stroke	mm	300
	in.	11.81
Ejector Force	kN	195
	US Tons	22
Maximum Mold Weight*	t	13
	lbs.	28660

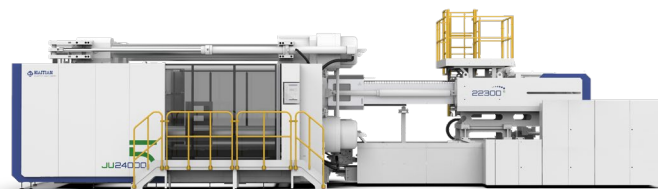
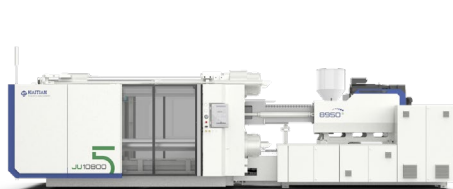
Specification



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Injection Unit		6750		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	90	100	110
	in.	3.54	3.94	4.33
Screw L/D Ratio	L/D	24.4	22	20
Injection Volume (theoretical)	cm ³	2990	3691	4466
	cu.in.	182.46	225.24	272.53
Injection Weight (PS)	g	2720	3359	4064
	oz.	95.95	118.49	143.35
Injection Rate (PS)	g/s	644	796	963
	oz./s	22.72	28.08	33.97
Injection Pressure	MPa	193	156	129
	psi	27992	22626	18710
Injection Pressure (max)*	MPa	222	180	148
	psi	32198	26107	21466
Plasticizing Rate (GPPS)	g/s	103.4	127.1	150.2
	oz./s	3.65	4.48	5.30
Plasticizing Rate (HDPE)	g/s	155.6	191	227.5
	oz./s	5.49	6.74	8.02
Screw Speed	rpm	170	170	170



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Specifications subject to change without notice



Rev 2 7/9/2024

Specification



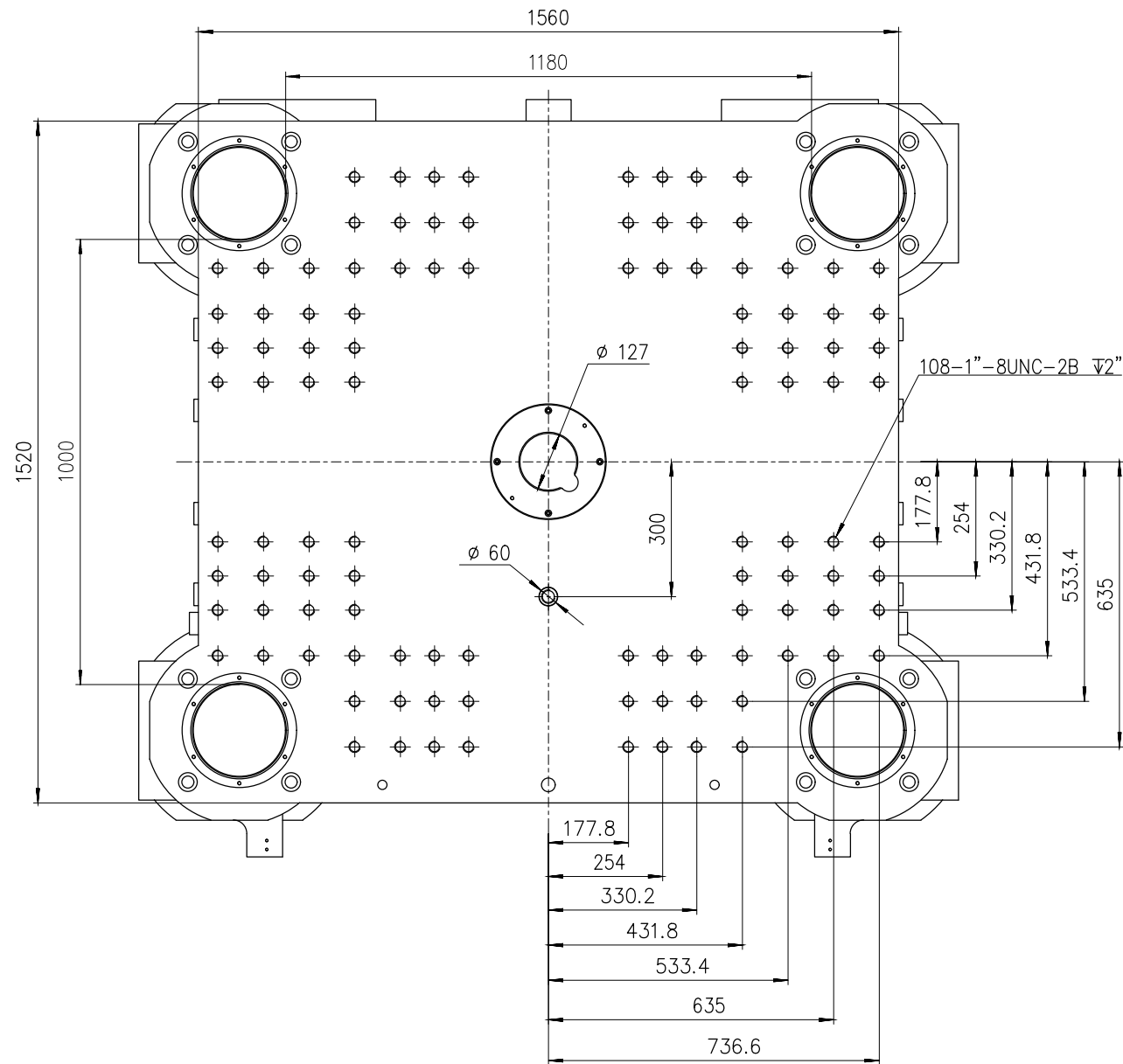
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JUPITER 5 Series: Two-Platen Servo-Hydraulic

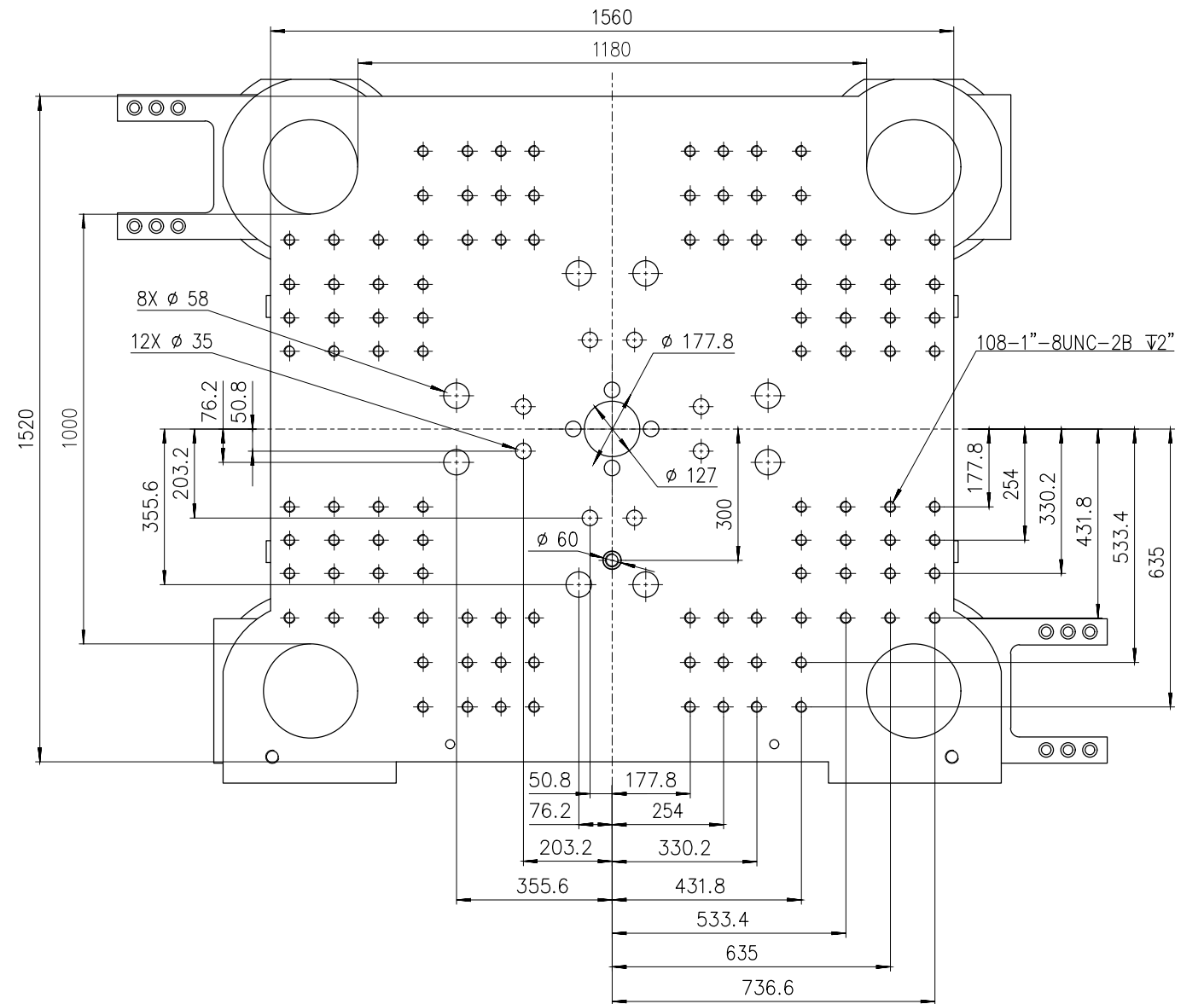
Other		
Pump Motor Power	kW	105
Heater Power	kW	71
Machine Dimension (LxWxH)	m	9.21×3.19×3.07
	in.	363x126x121
Machine Weight	t	37
	lbs.	81571
Hopper Capacity	kg	100
	lbs.	220
Oil Tank	l	590
	gal	156

***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



Absolute Haitian Corporation
33 Southgate St. Worcester, MA
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www.absolutehaitian.com

Title: JUV 9000 Fixed & Moving Platens Platen Drawing

Machine Model: JUV 9000

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2024

Chkd By: LEON XIE

Date: 1/9/2024

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:

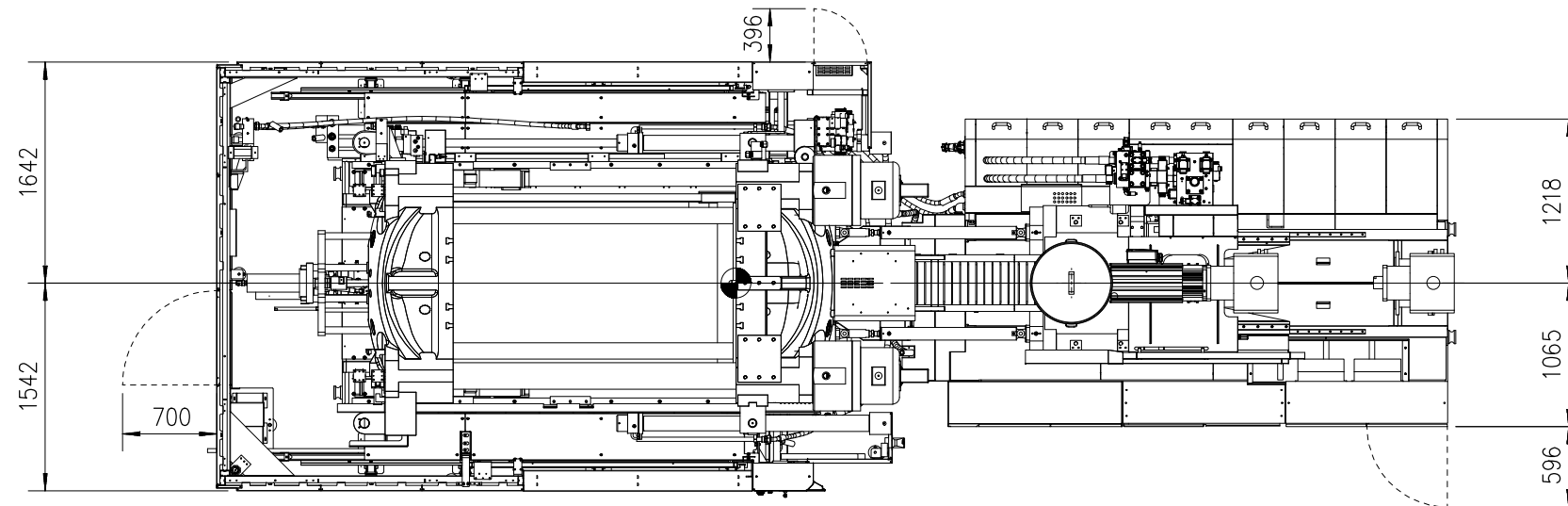
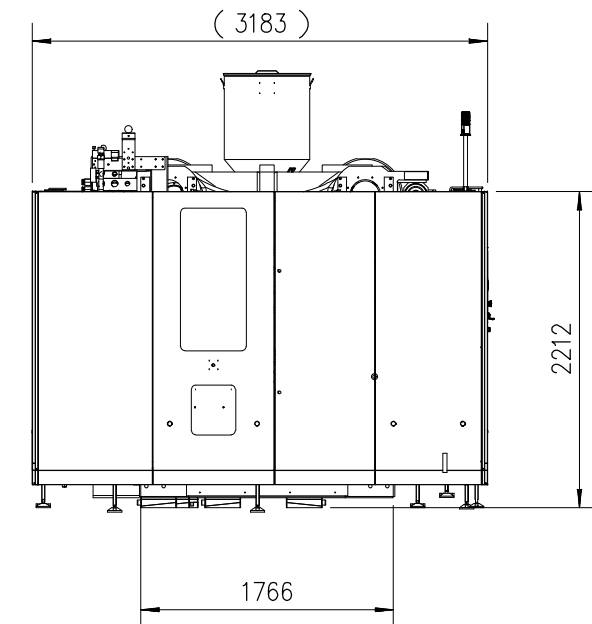
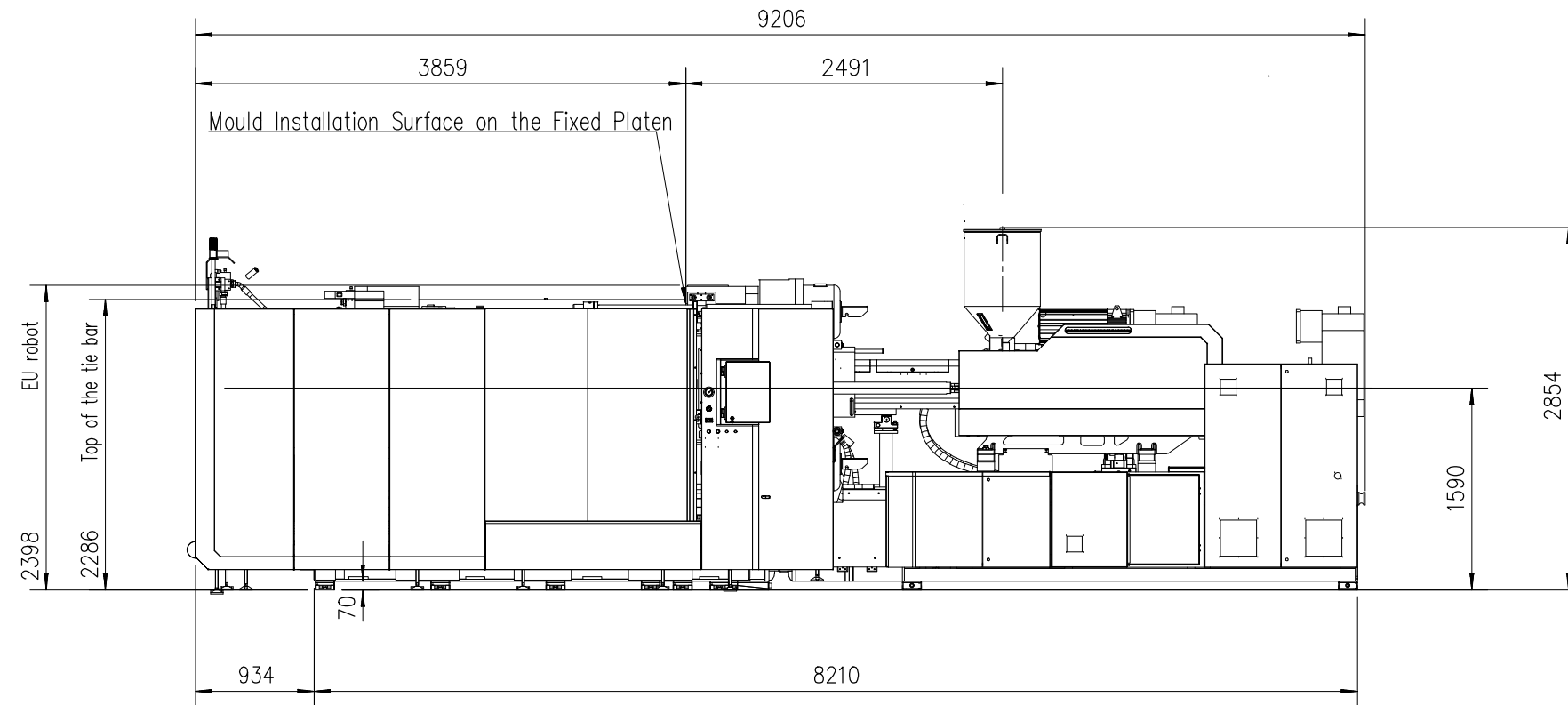
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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



Absolute Haitian Corporation
33 Southgate St. Worcester, MA
T:+1 508-792-4305
www.absolutehaitian.com

Title: JU V 9000-6750 Layout Drawing

Machine Model: JU V 9000-6750

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:

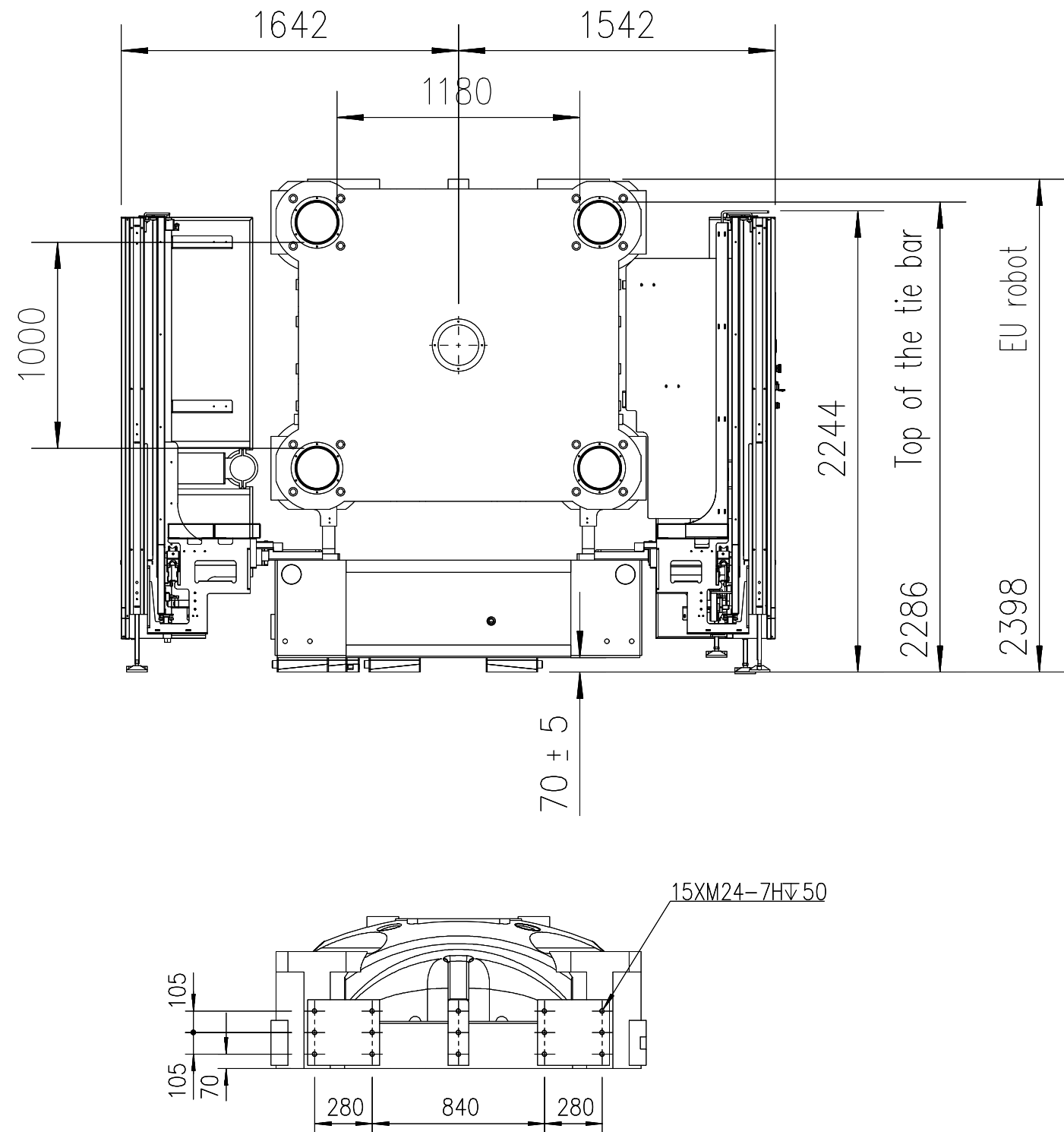
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Customer Approval:

Authorized Signature

Notes:



Absolute Haitian Corporation
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Title: JU V 9000-6750 Robot Mounting Drawing

Machine Model: JU V 9000-6750

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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Customer:

Customer Approval:

Authorized Signature

Notes: