

Specification



JU24000V-40500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU24000V
Clamping Force	kN	24000
	US Tons	2698
Mold Opening Stroke (Min/Max)	mm	3000/2000
	in.	118.11/78.74
Minimum Mold Height	mm	800
	in.	31.5
Maximum Mold Height	mm	1800
	in.	70.87
Maximum Daylight	mm	3800
	in.	149.61
Distance Between Tie-Bars (HXV)	mm	2020×1620
	in.	79.53×63.78
Platen Dimensions (HXV)	mm	2790×2390
	in.	109.84×94.09
Ejector Stroke	mm	500
	in.	19.69
Ejector Force	kN	450
	US Tons	51
Maximum Mold Weight*	t	59
	lbs.	130073

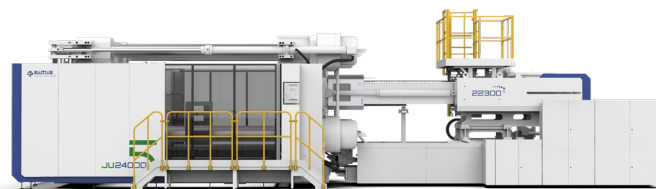
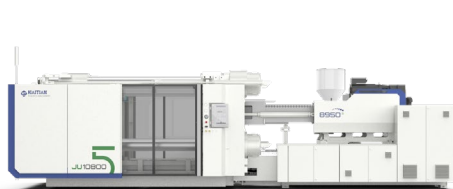
Specification



JU24000V-40500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		40500	
Screw & Barrel Designation		A	B
Screw Diameter	mm	170	185
	in.	6.69	7.28
Screw L/D Ratio	L/D	23.5	21.6
Injection Volume (theoretical)	cm ³	23378	27686
	cu.in.	1426.61	1689.50
Injection Weight (PS)	g	21274	25194
	oz.	750.42	888.69
Injection Rate (PS)	g/s	1576	1867
	oz./s	55.59	65.86
Injection Pressure	MPa	159	134
	psi	23061	19435
Injection Pressure (max)*	MPa	179	151
	psi	25962	21901
Plasticizing Rate (GPPS)	g/s	\	\
	oz./s	\	\
Plasticizing Rate (HDPE)	g/s	309	320
	oz./s	10.90	11.29
Screw Speed	rpm	70	70



Specification



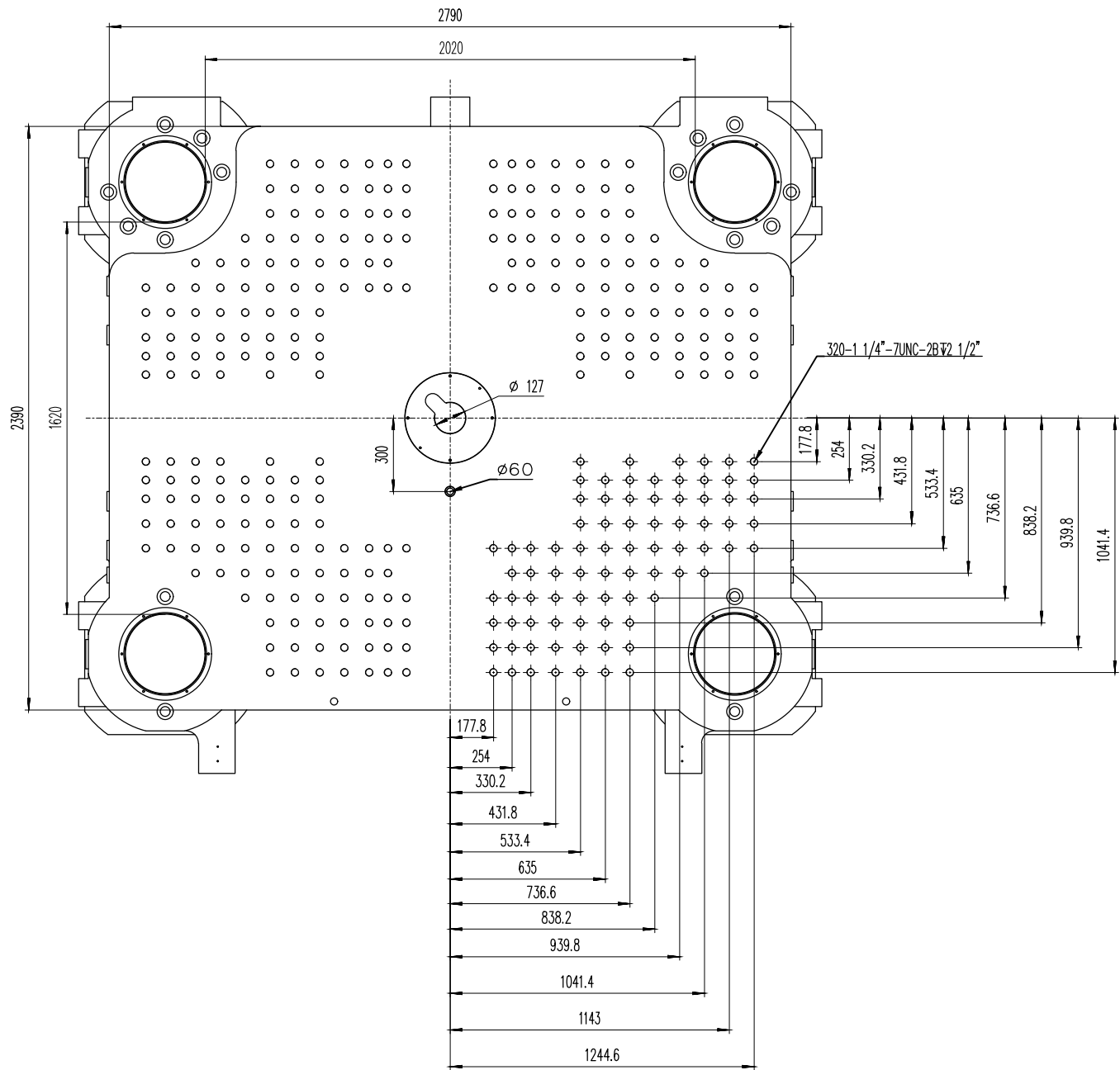
JU24000V-40500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

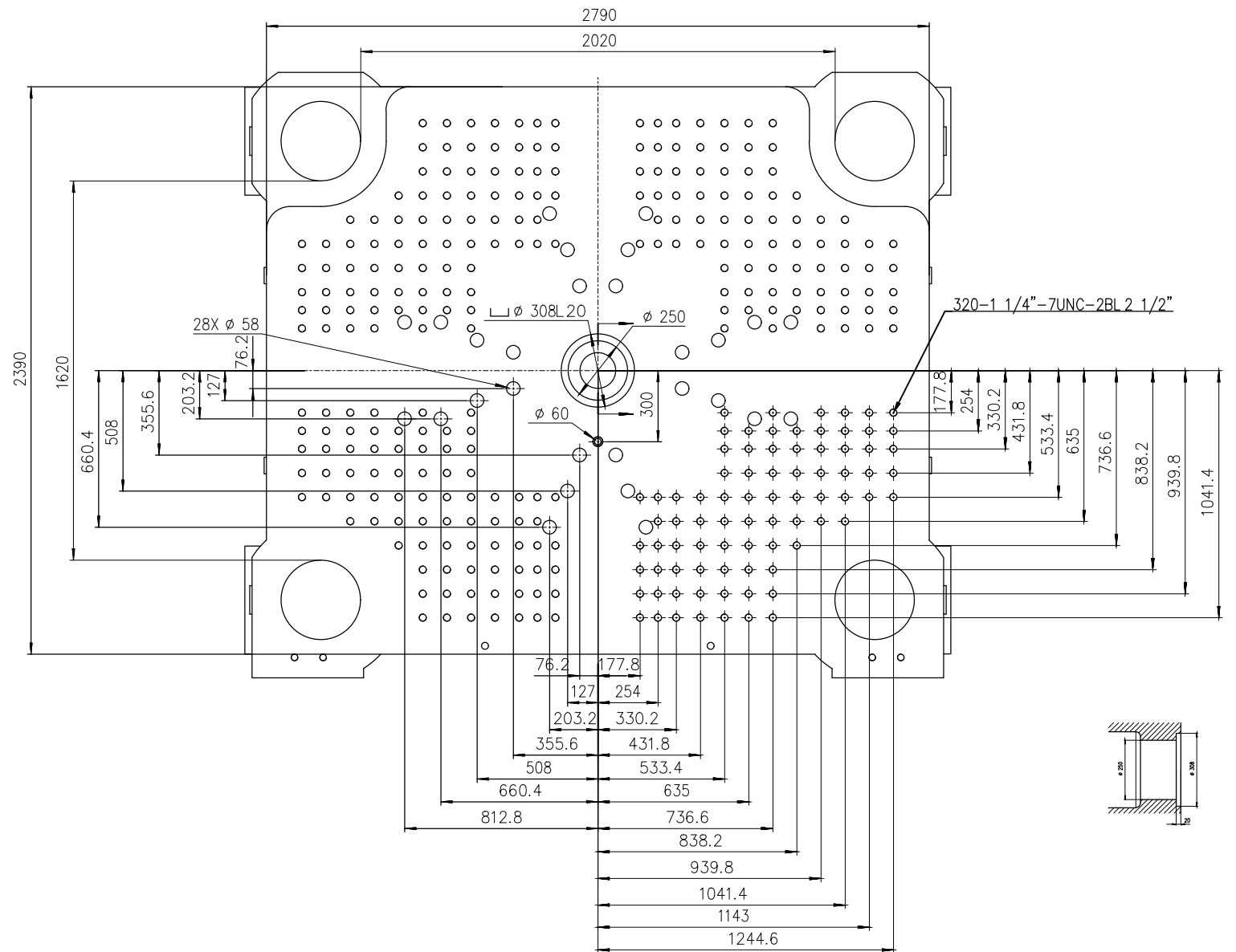
Other		
Pump Motor Power	kW	205
Heater Power	kW	211
Machine Dimension (LxWxH)	m	15.23×6.08×4.94
	in.	600x239x194
Machine Weight	t	129
	lbs.	284396
Hopper Capacity	kg	400
	lbs.	882
Oil Tank	l	1670
	gal	441

***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
T:+1 508-792-4305
www.absolutehaitian.com

Title: JUV 21000 Fixed & Moving Platens Drawing

Machine Model: JUV 21000
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:

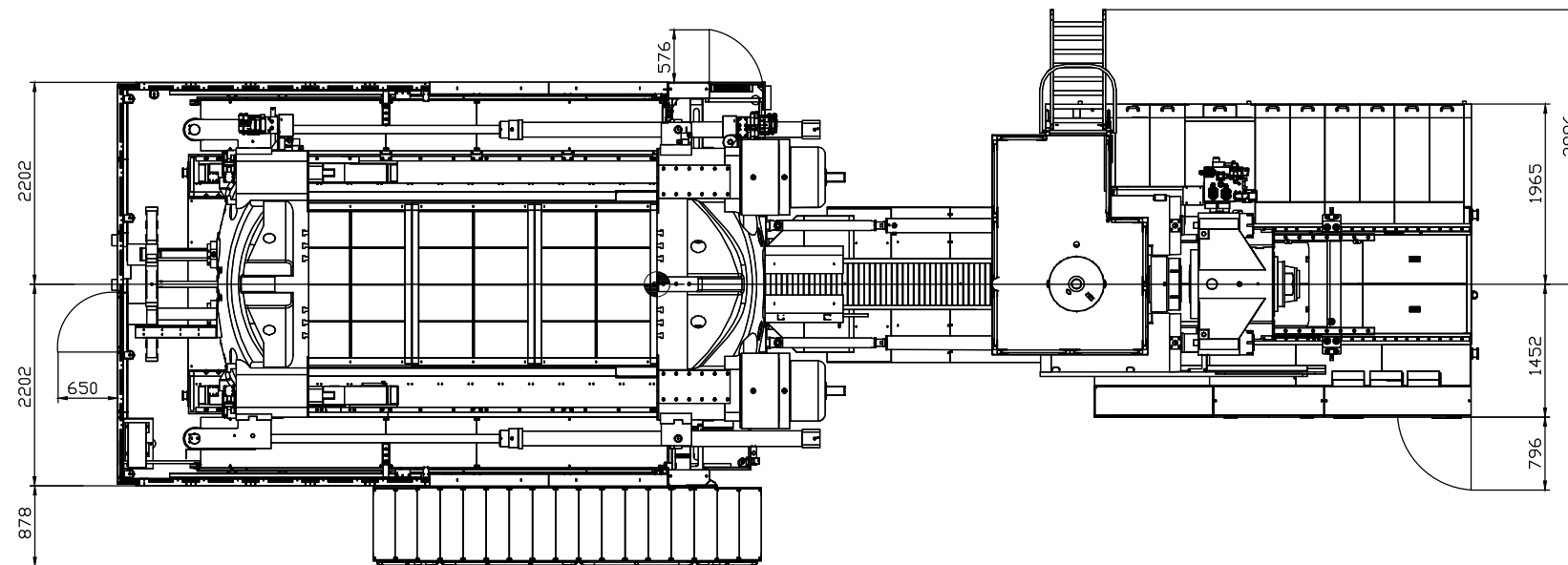
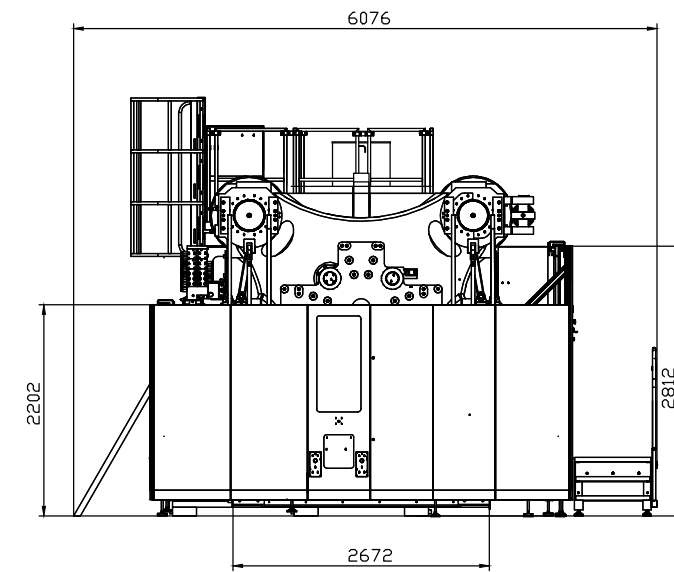
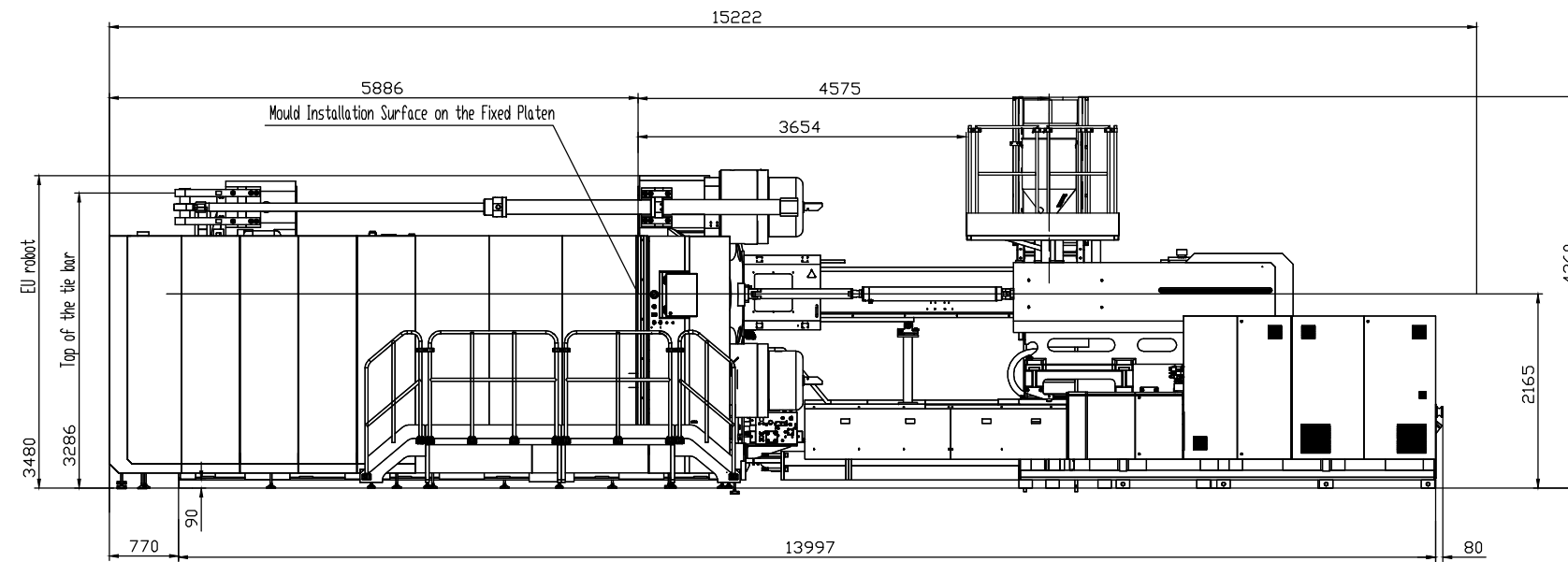
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 24000-40500 Layout Drawing

Machine Model: JU V 24000-40500

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:

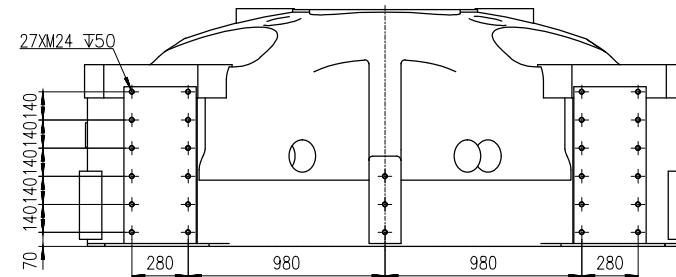
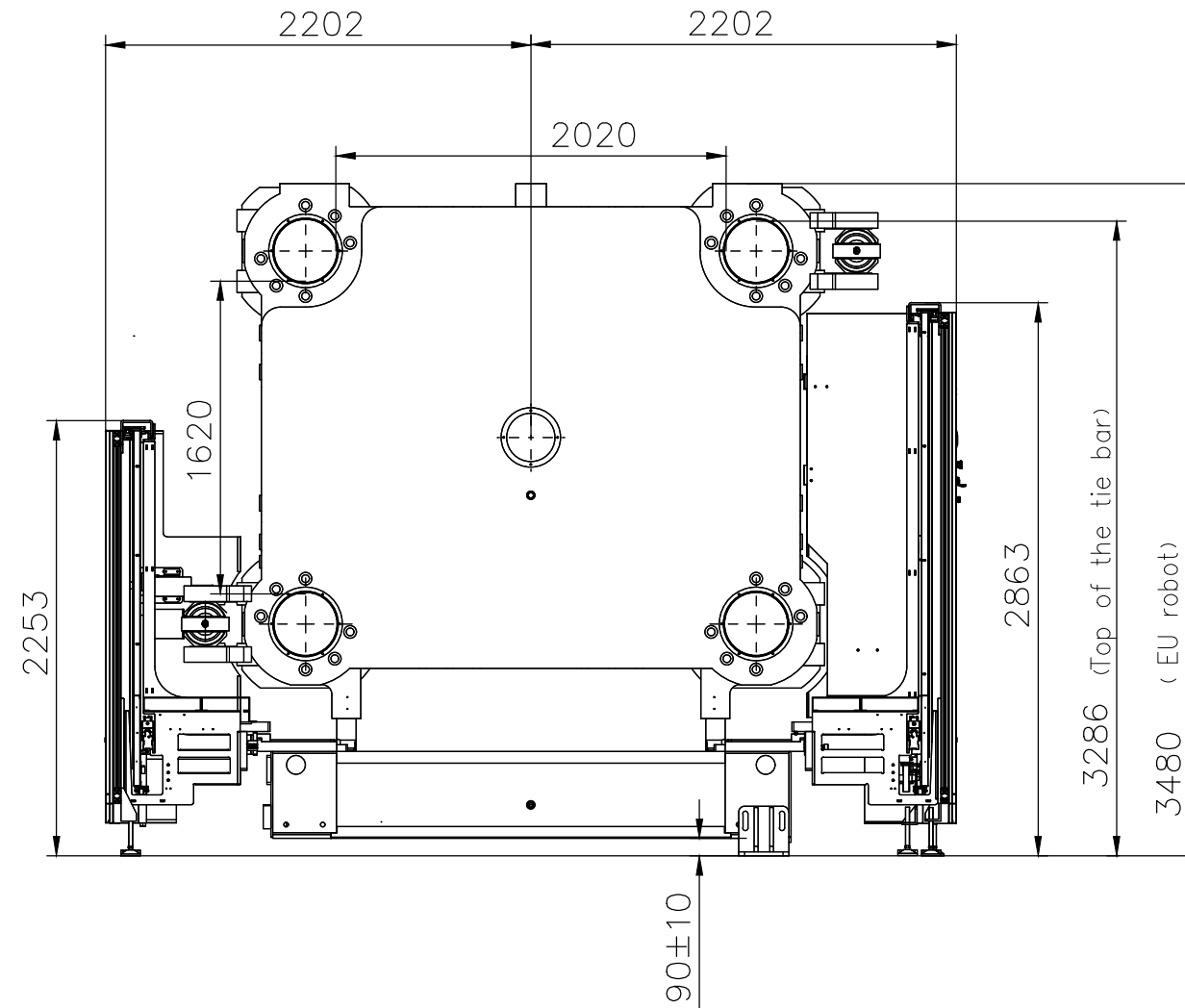
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Customer Approval:

Authorized Signature

Notes:



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

Title: JU V 24000-40500 Robot Mounting Drawing

Machine Model: JU V 24000-40500

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

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: