

JU21000V-32500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU21000V
Clamping Force	kN	21000
Mold Opening Stroke (Min/Max)	mm	2700/1800
Minimum Mold Height	mm	800
Maximum Mold Height	mm	1700
Maximum Daylight	mm	3500
Distance Between Tie-Bars (HXV)	mm	1920×1480
Platen Dimensions (HXV)	mm	2660×2220
Ejector Stroke	mm	450
Ejector Force	kN	450
Maximum Mold Weight*	t	50

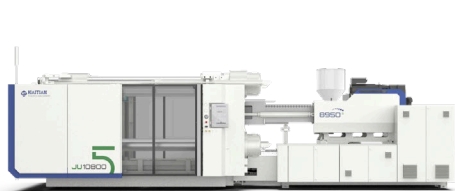
Specification



JU21000V-32500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		32500	
Screw & Barrel Designation		A	B
Screw Diameter	mm	160	170
Screw L/D Ratio	L/D	24	22.6
Injection Volume (theoretical)	cm ³	17492	19747
Injection Weight (PS)	g	15918	17970
Injection Rate (PS)	g/s	1559	1761
Injection Pressure	MPa	160	142
Injection Pressure (max)*	MPa	180	159
Plasticizing Rate (GPPS)	g/s	\	\
Plasticizing Rate (HDPE)	g/s	280	310
Screw Speed	rpm	72	72



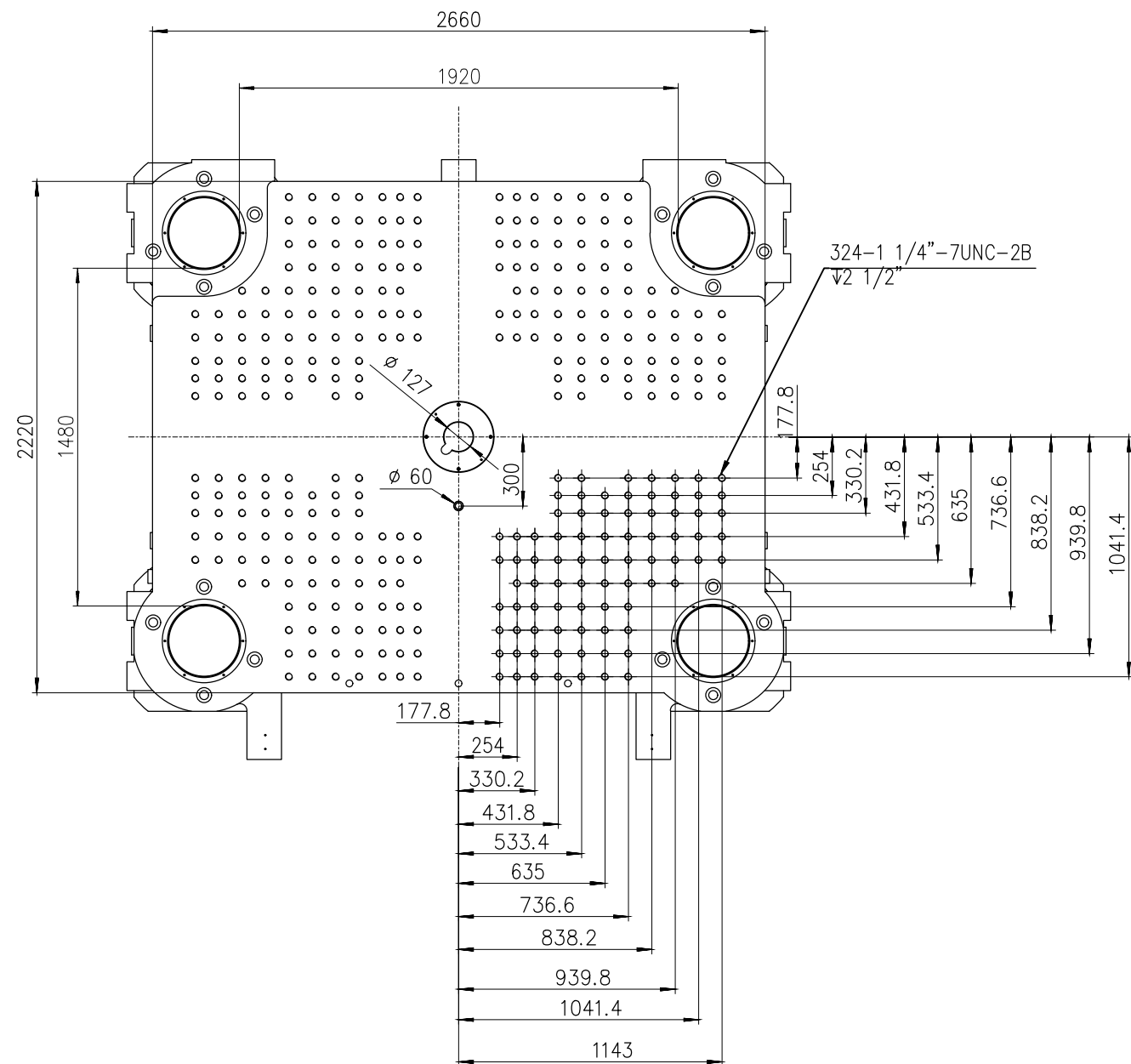
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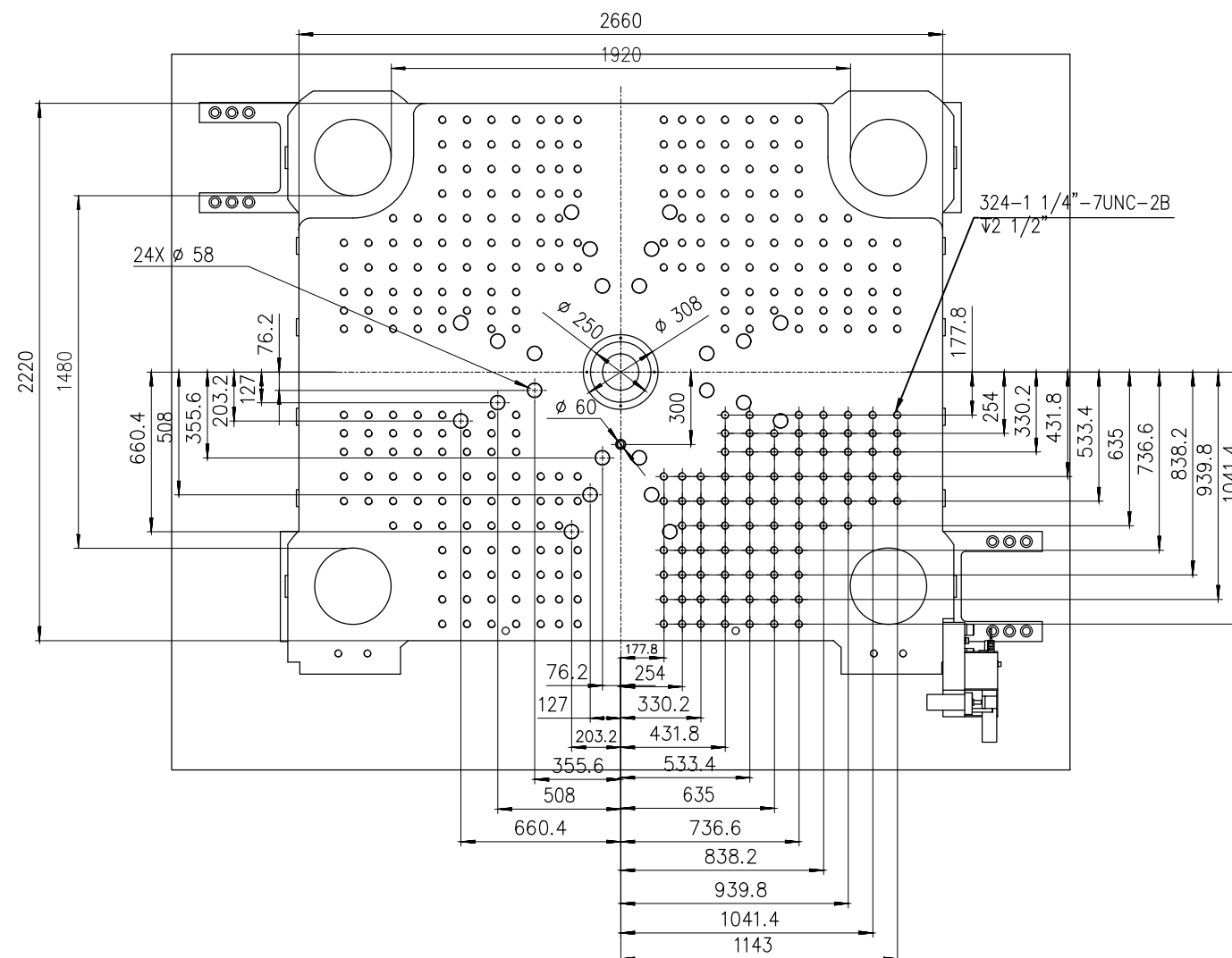
Other		
Pump Motor Power	kW	205
Heater Power	kW	189
Machine Dimension (LxWxH)	m	13.95×5.97×4.80
Machine Weight	t	105
Hopper Capacity	kg	400
Oil Tank	l	1670

***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 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:

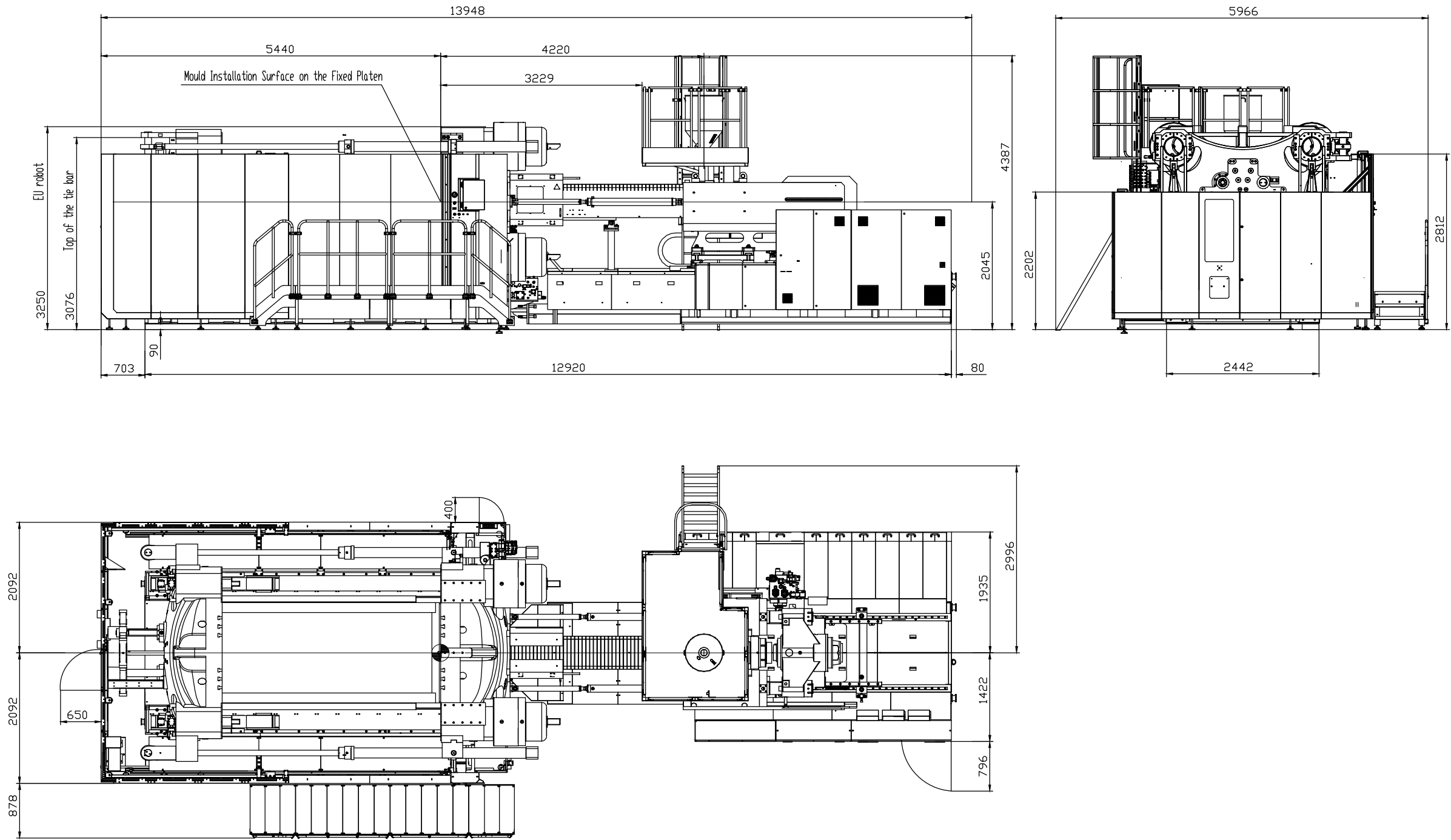
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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



Title: JU V 21000-32500 Layout Drawing

Machine Model: JU V 21000-32500

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:

Part:

PLEASE READ:

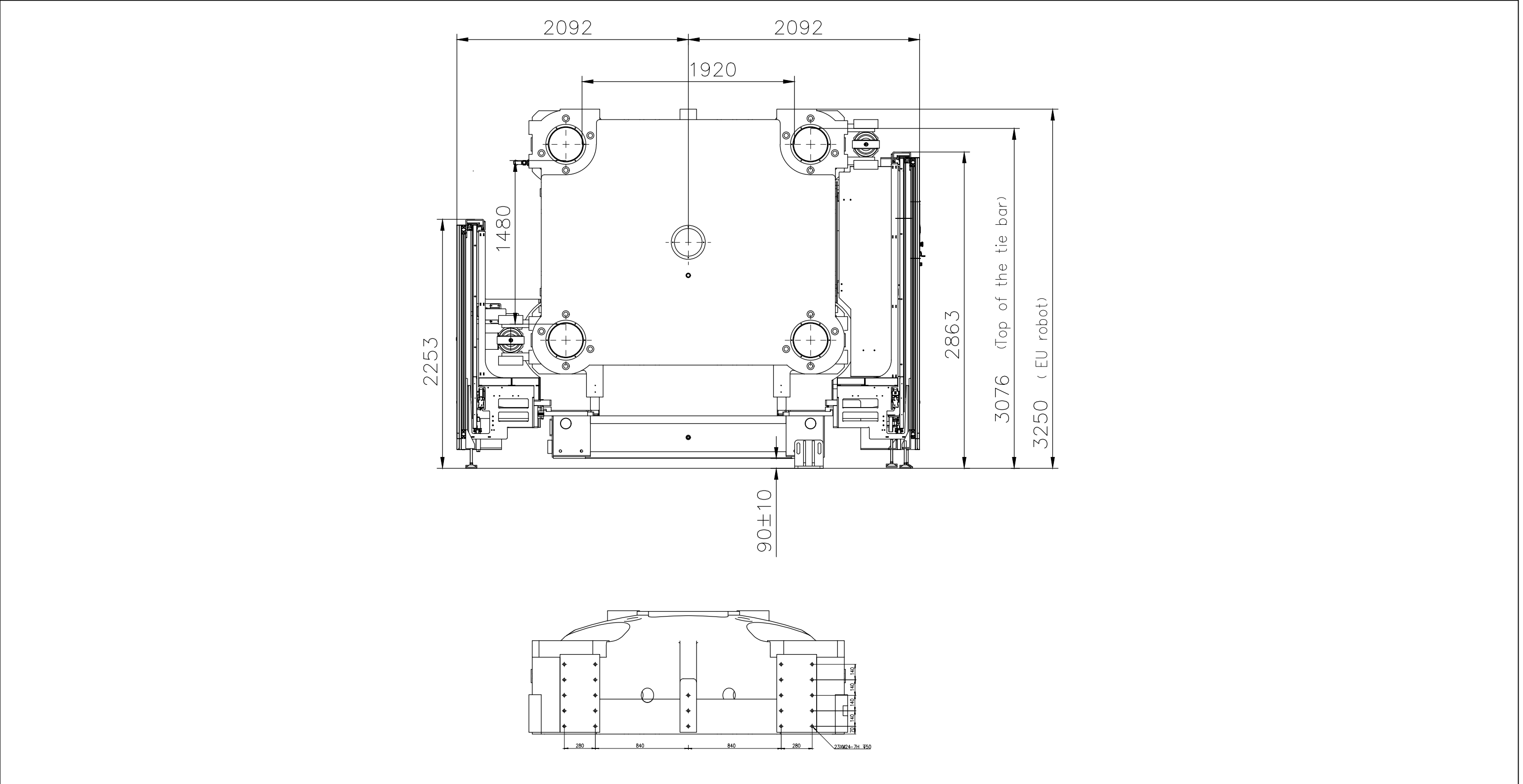
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: JU V 21000 Robot Mounting Drawing

Machine Model: JU V 21000
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 4/9/2024

Chkd By: LEON XIE

Date: 4/9/2024

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

PLEASE READ:

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Customer:

Customer Approval:

Authorized Signature

Notes: