

JU21000V-22500

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-22500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		22500			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	140	150	160	170
Screw L/D Ratio	L/D	24	22.4	21	19.8
Injection Volume (theoretical)	cm ³	10467	12016	13672	15434
Injection Weight (PS)	g	9525	10935	12441	14045
Injection Rate (PS)	g/s	1352	1552	1766	1994
Injection Pressure	MPa	185	161	141	125
Injection Pressure (max)*	MPa	211	184	161	143
Plasticizing Rate (GPPS)	g/s	155	176	196	222
Plasticizing Rate (HDPE)	g/s	243	294	303	334
Screw Speed	rpm	85	85	85	85



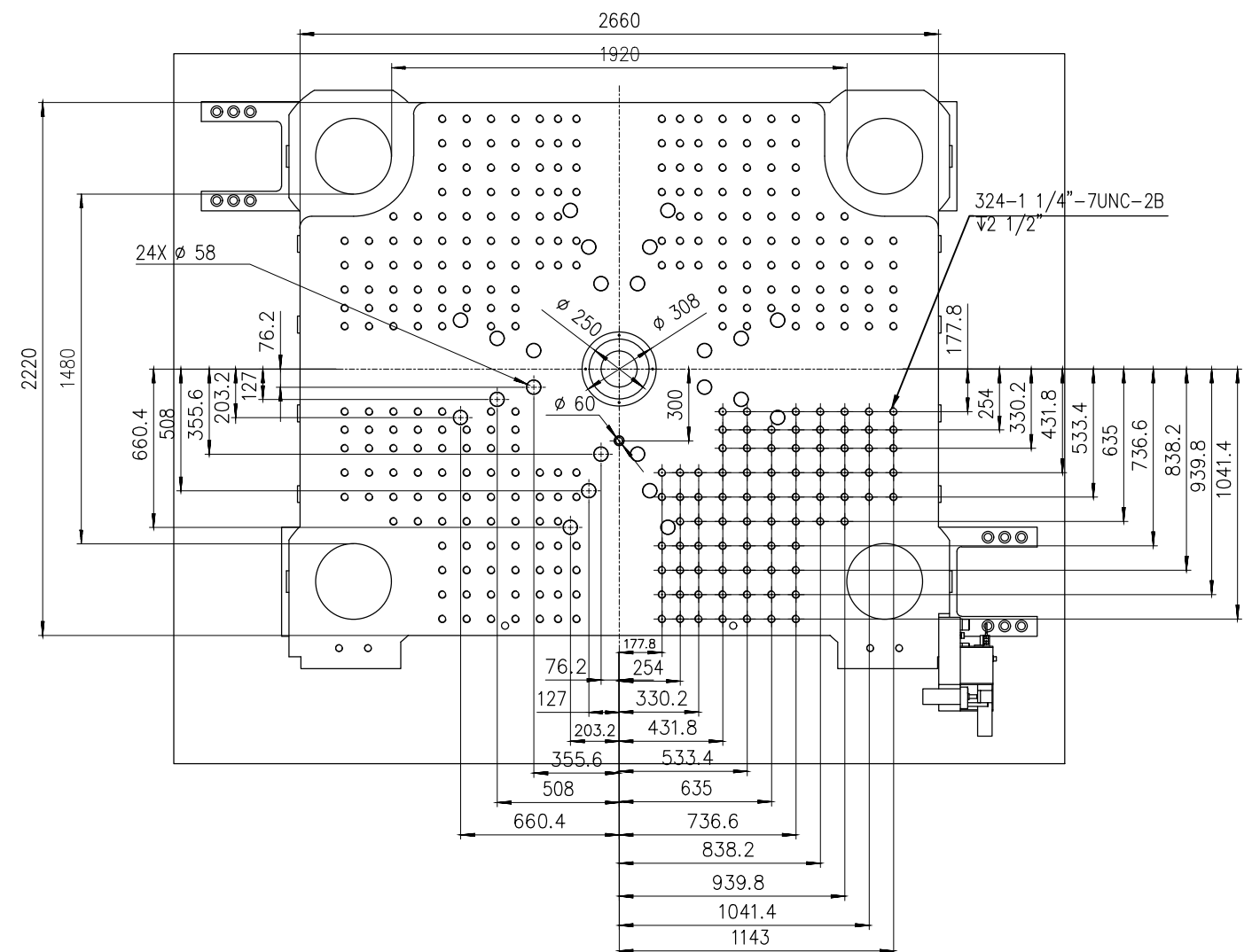
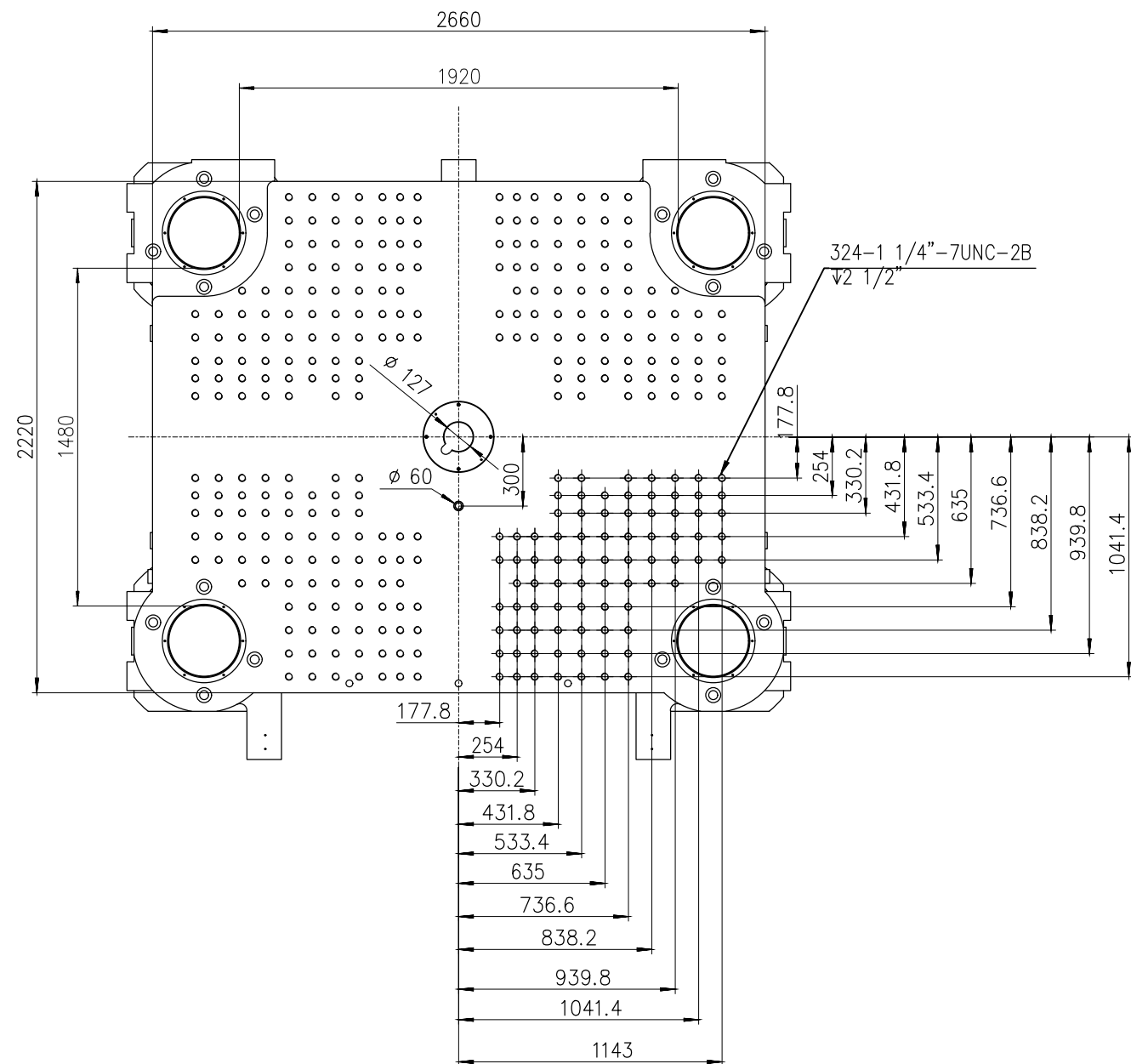
JU21000V-22500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Other		
Pump Motor Power	kW	205
Heater Power	kW	137
Machine Dimension (LxWxH)	m	13.00×5.97×4.79
Machine Weight	t	102
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		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 1/9/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 1/9/2024
Revision	Date:	Drawing #:	NOT TO SCALE
Rev #: 1			Size: 11 X 17 "B"
Rev #: 2			Units: mm / [in]
Rev #: 3			Material:
Rev #: 4			Part:
Rev #: 5			Part:
			Part:
			Part:

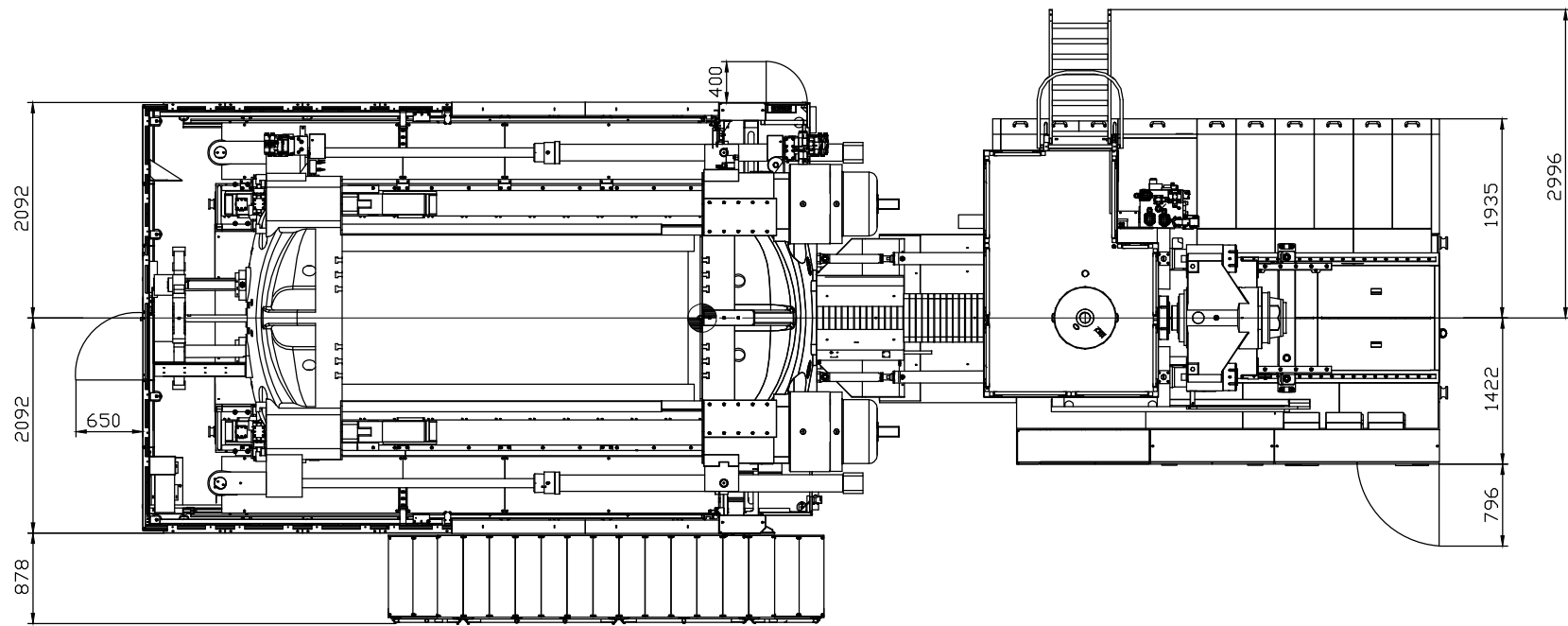
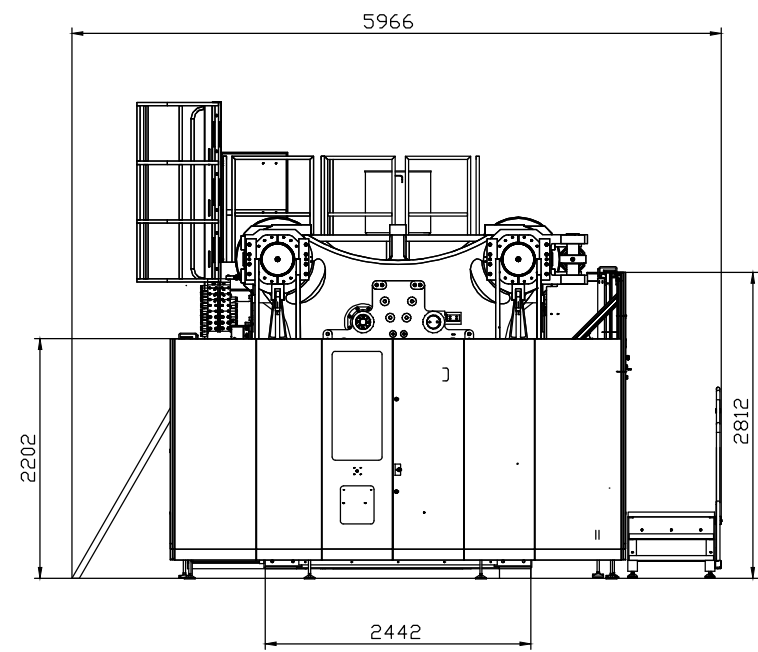
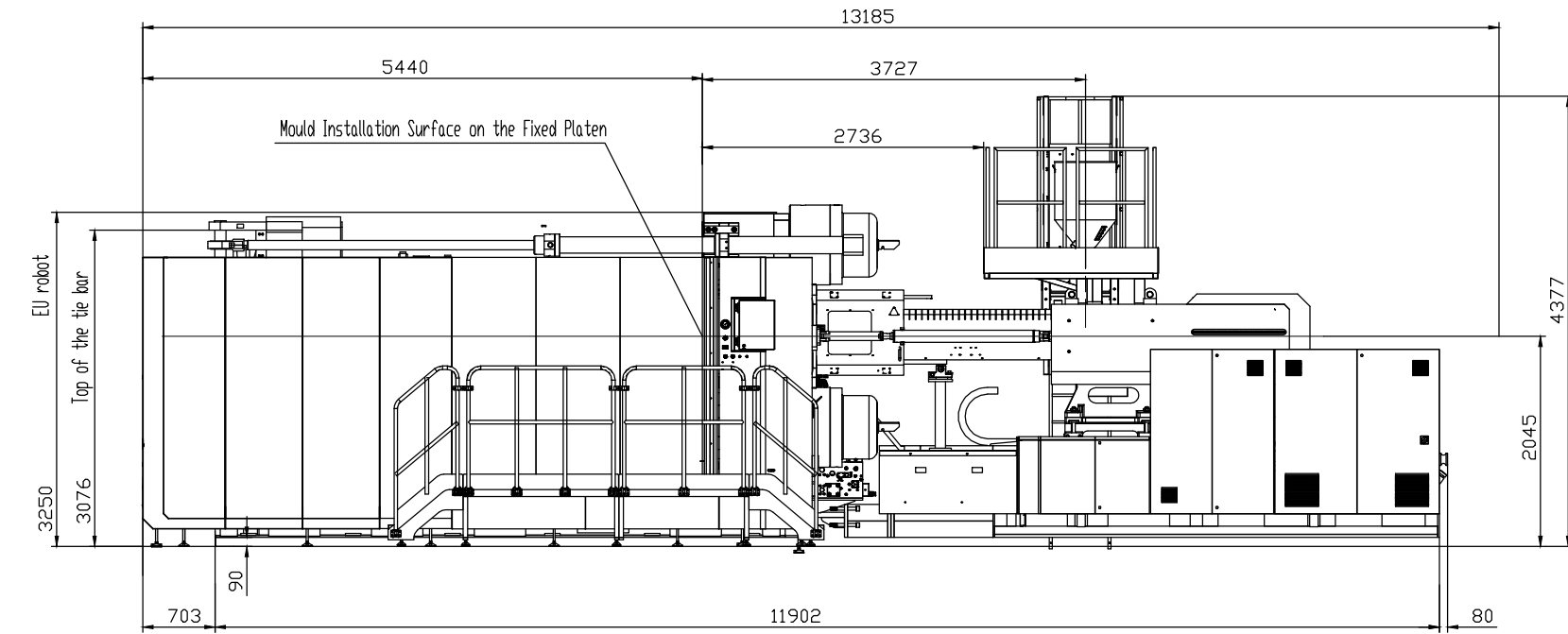
PLEASE READ:

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 21000-22500 Layout Drawing

Machine Model: JU V 21000-22500

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:

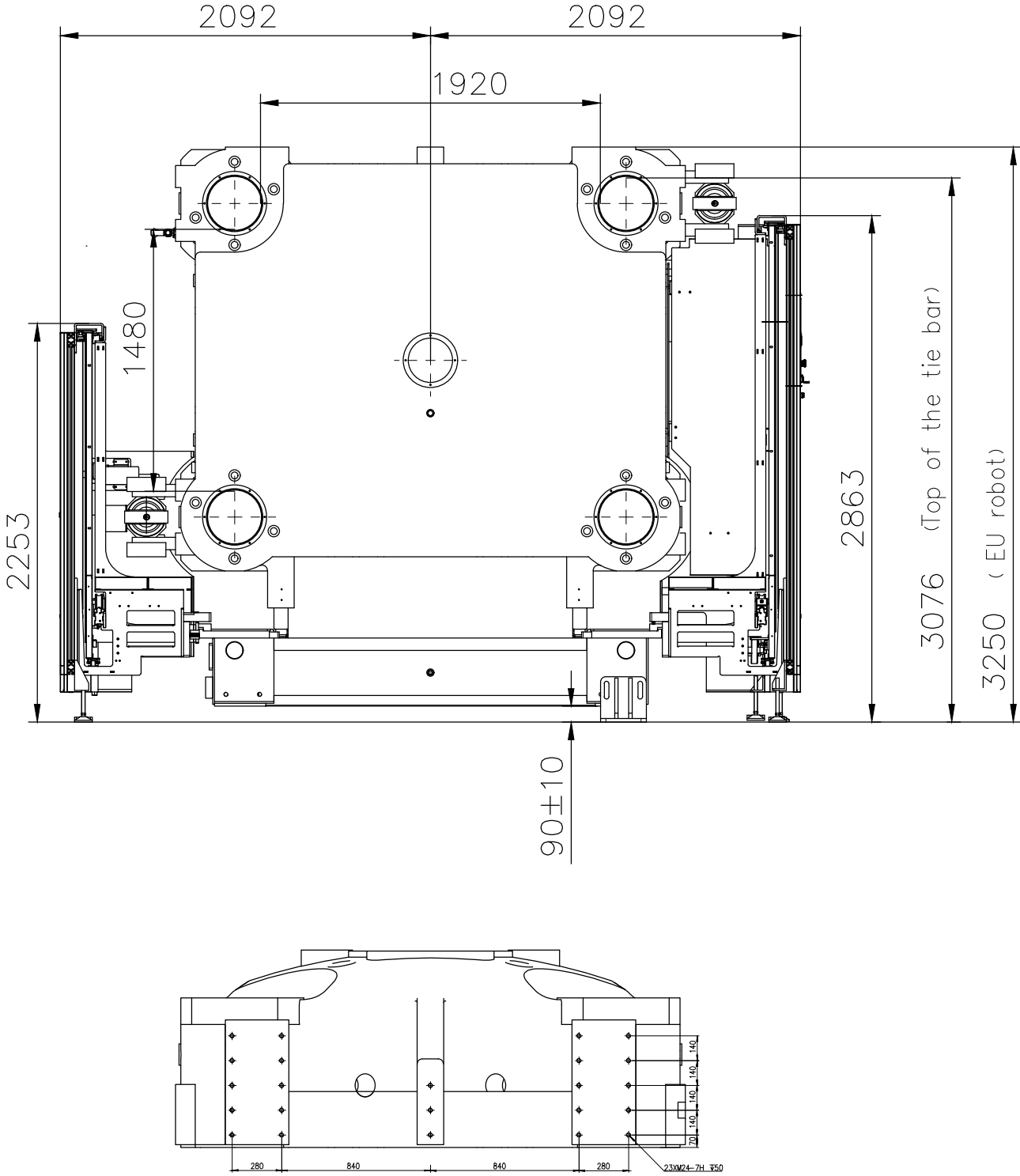
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

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: