

JU14000V-11500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU14000V
Clamping Force	kN	14000
Mold Opening Stroke (Min/Max)	mm	2350/1600
Minimum Mold Height	mm	700
Maximum Mold Height	mm	1450
Maximum Daylight	mm	3050
Distance Between Tie-Bars (HXV)	mm	1470×1360
Platen Dimensions (HXV)	mm	2072×1972
Ejector Stroke	mm	400
Ejector Force	kN	330
Maximum Mold Weight*	t	27

Specification



JU14000V-11500

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Injection Unit		11500			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	110	120	130	140
Screw L/D Ratio	L/D	26.2	24	22.2	20.6
Injection Volume (theoretical)	cm ³	5226	6220	7300	8466
Injection Weight (PS)	g	4756	5660	6643	7704
Injection Rate (PS)	g/s	884	1052	1235	1432
Injection Pressure	MPa	189	159	135	117
Injection Pressure (max)*	MPa	217	183	156	134
Plasticizing Rate (GPPS)	g/s	123	142	164	187
Plasticizing Rate (HDPE)	g/s	187	217	240	273
Screw Speed	rpm	105	105	105	105



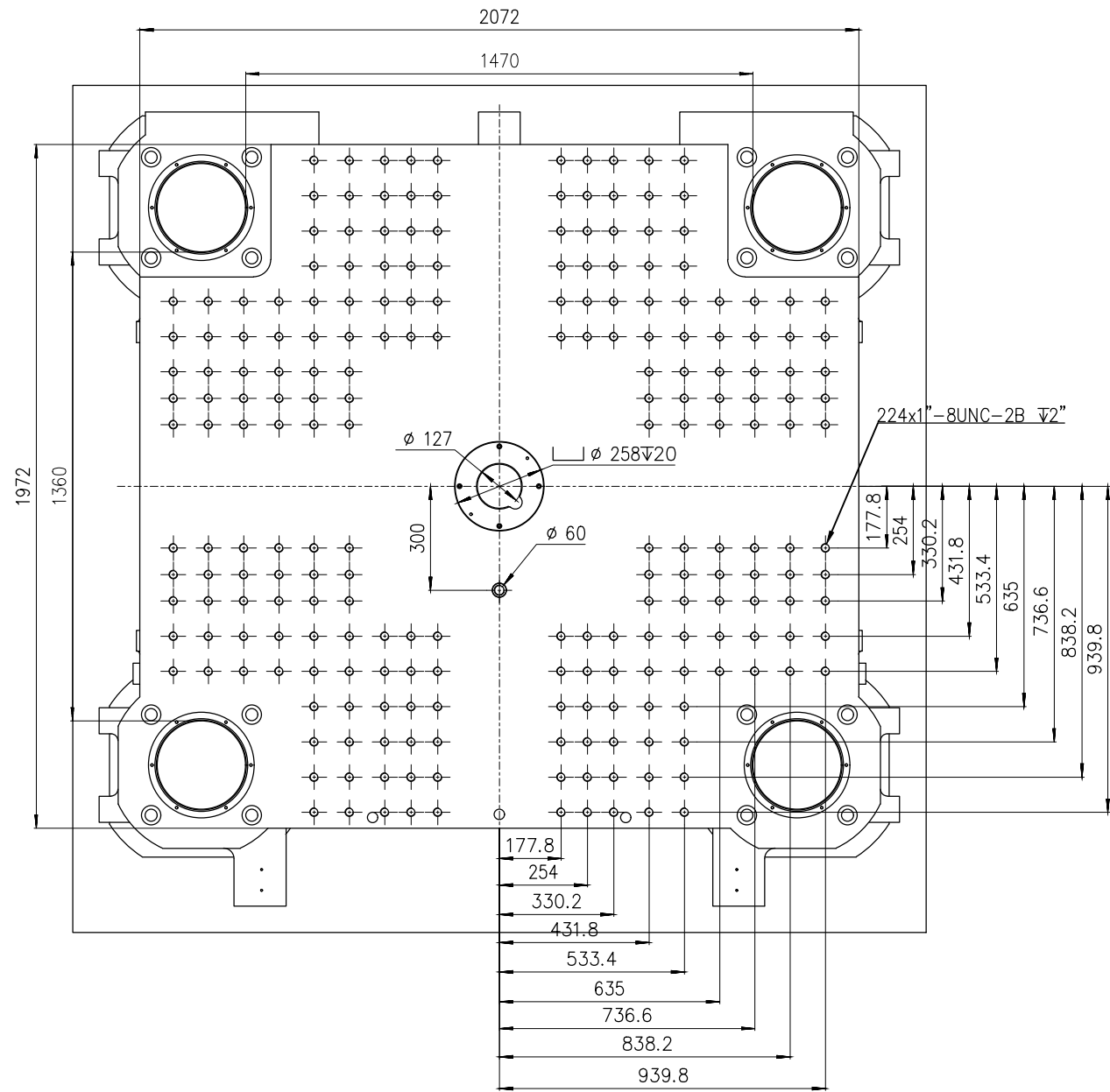
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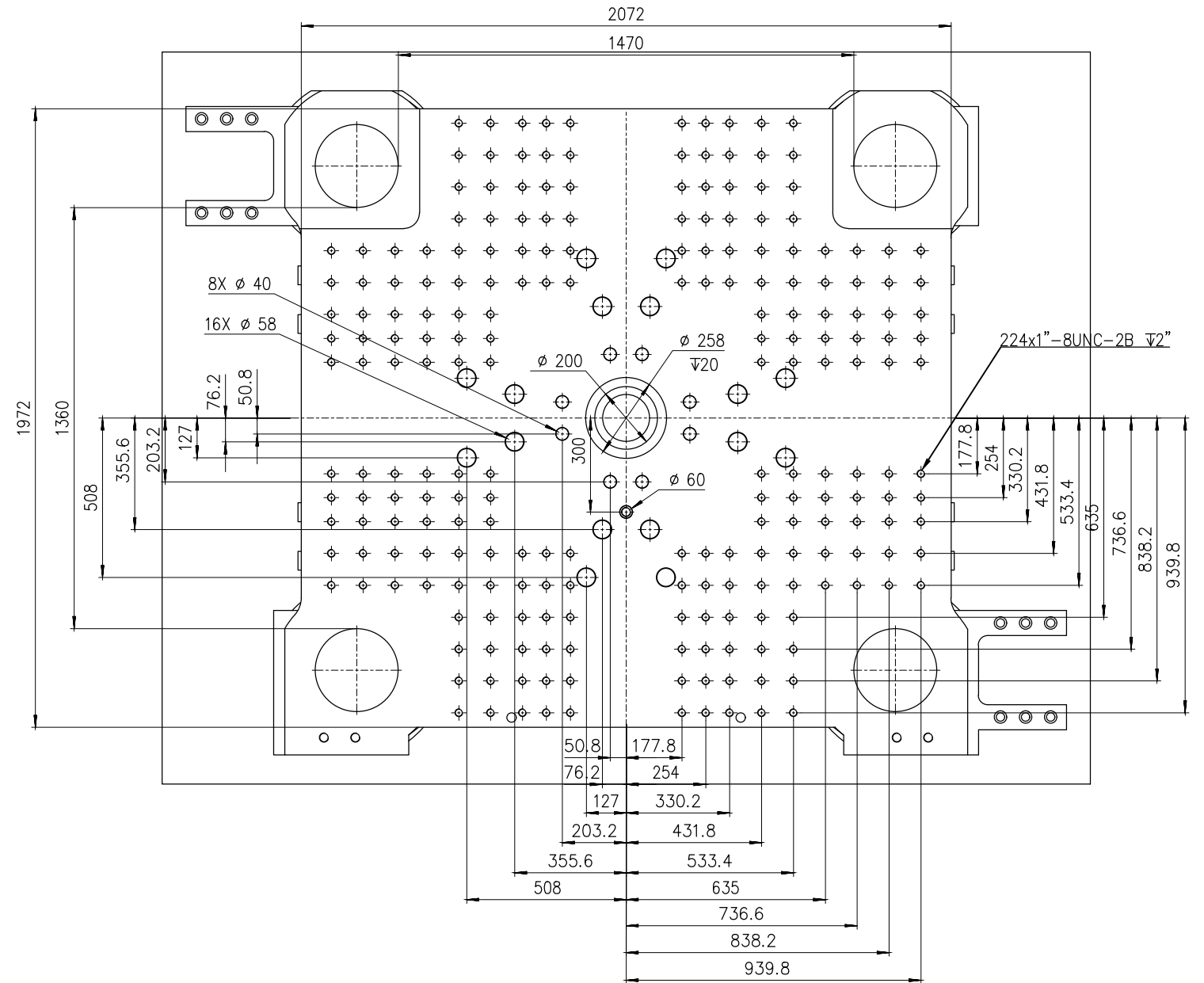
Other		
Pump Motor Power	kW	135
Heater Power	kW	104
Machine Dimension (LxWxH)	m	11.66×3.52×4.30
Machine Weight	t	65
Hopper Capacity	kg	400
Oil Tank	l	840

***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 14000 Fixed & Moving Platens Drawing

Machine Model: JUV 14000

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:

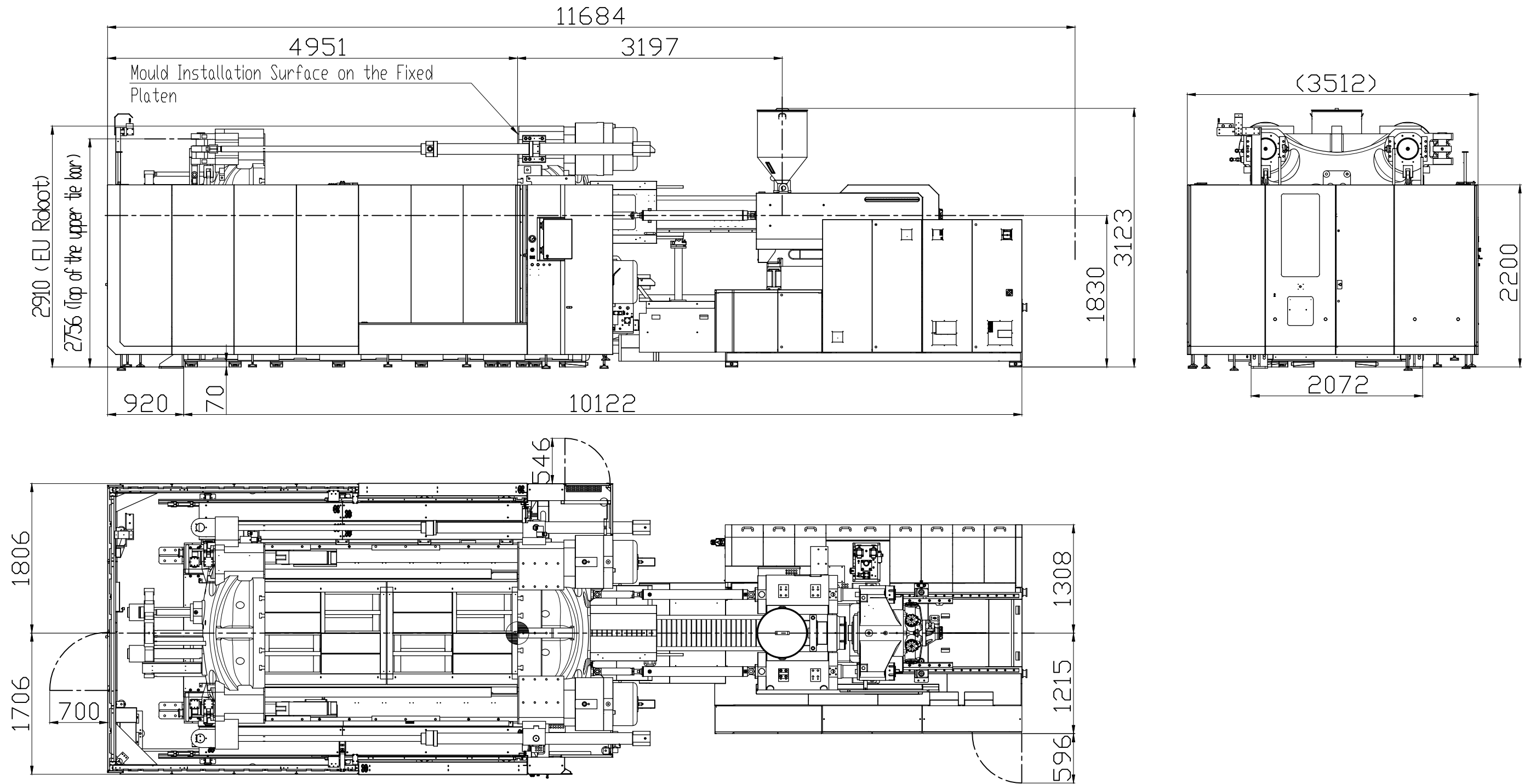
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 14000-11500 Layout Drawing

Machine Model: JU V 14000-11500

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:

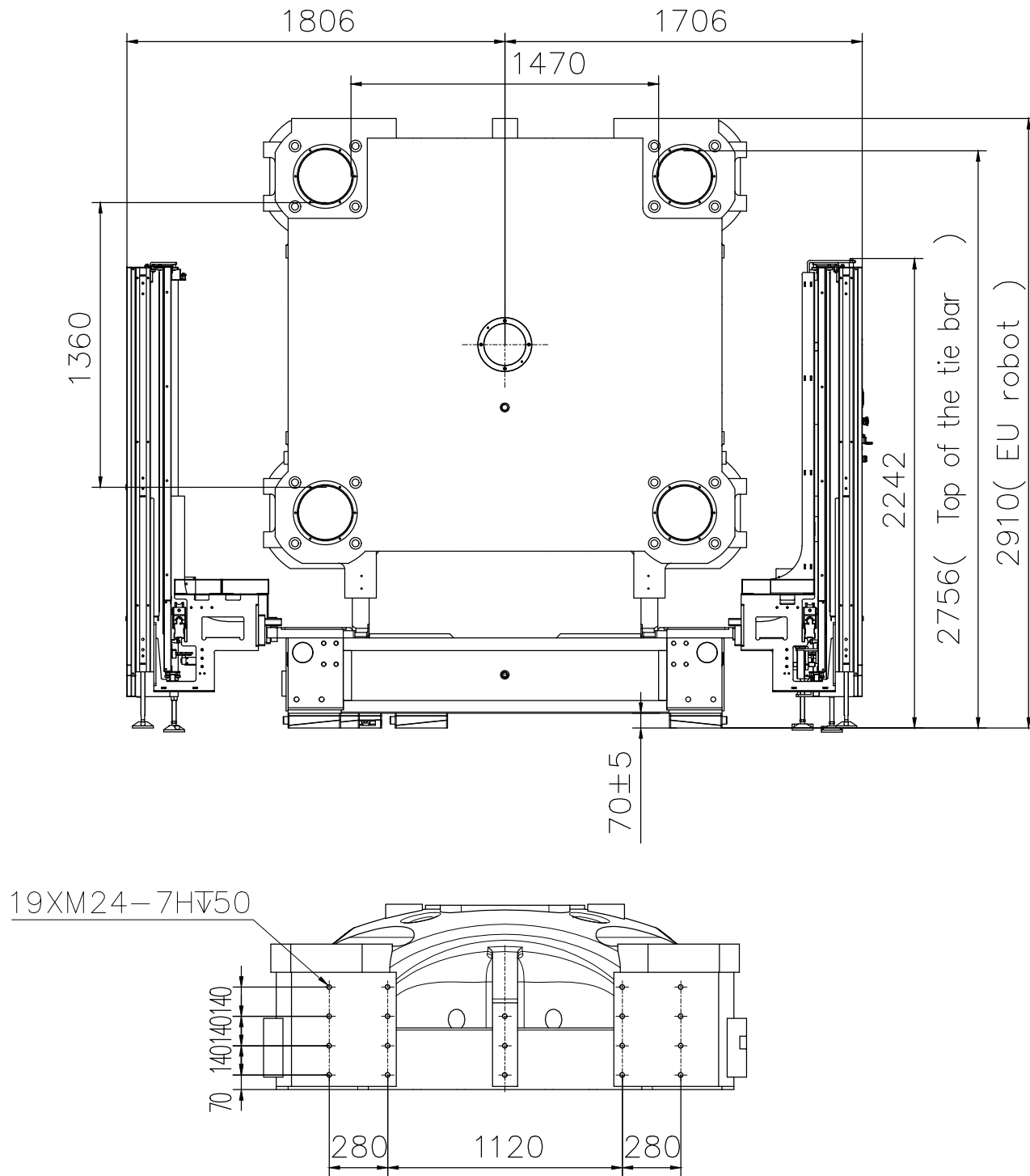
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: JU V 14000-11500 Robot Mounting Drawing

Machine Model: JU V 14000-11500

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: