

JU16000V-17500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU16000V
Clamping Force	kN	16000
Mold Opening Stroke (Min/Max)	mm	2550/1700
Minimum Mold Height	mm	700
Maximum Mold Height	mm	1550
Maximum Daylight	mm	3250
Distance Between Tie-Bars (HXV)	mm	1570×1285
Platen Dimensions (HXV)	mm	2220×1950
Ejector Stroke	mm	400
Ejector Force	kN	330
Maximum Mold Weight*	t	33

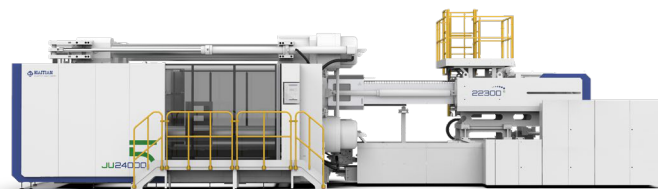
Specification



JU16000V-17500

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Injection Unit		17500		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	130	140	150
Screw L/D Ratio	L/D	24	22.3	20.8
Injection Volume (theoretical)	cm3	8362	9698	11133
Injection Weight (PS)	g	7609	8825	10131
Injection Rate (PS)	g/s	1281	1486	1705
Injection Pressure	MPa	185	160	139
Injection Pressure (max)*	MPa	210	181	158
Plasticizing Rate (GPPS)	g/s	168	192	220
Plasticizing Rate (HDPE)	g/s	252	283	336
Screw Speed	rpm	102	102	102



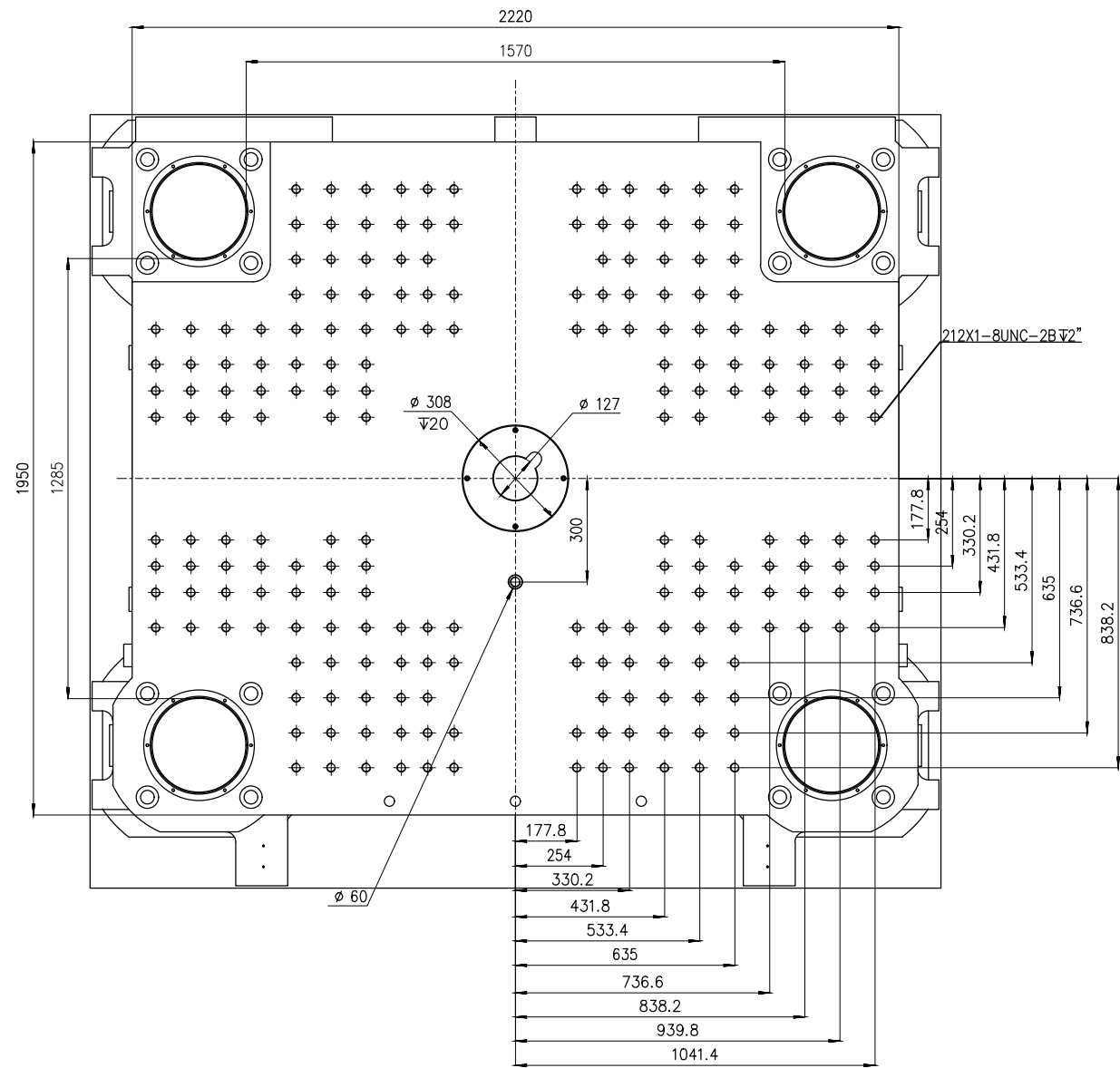
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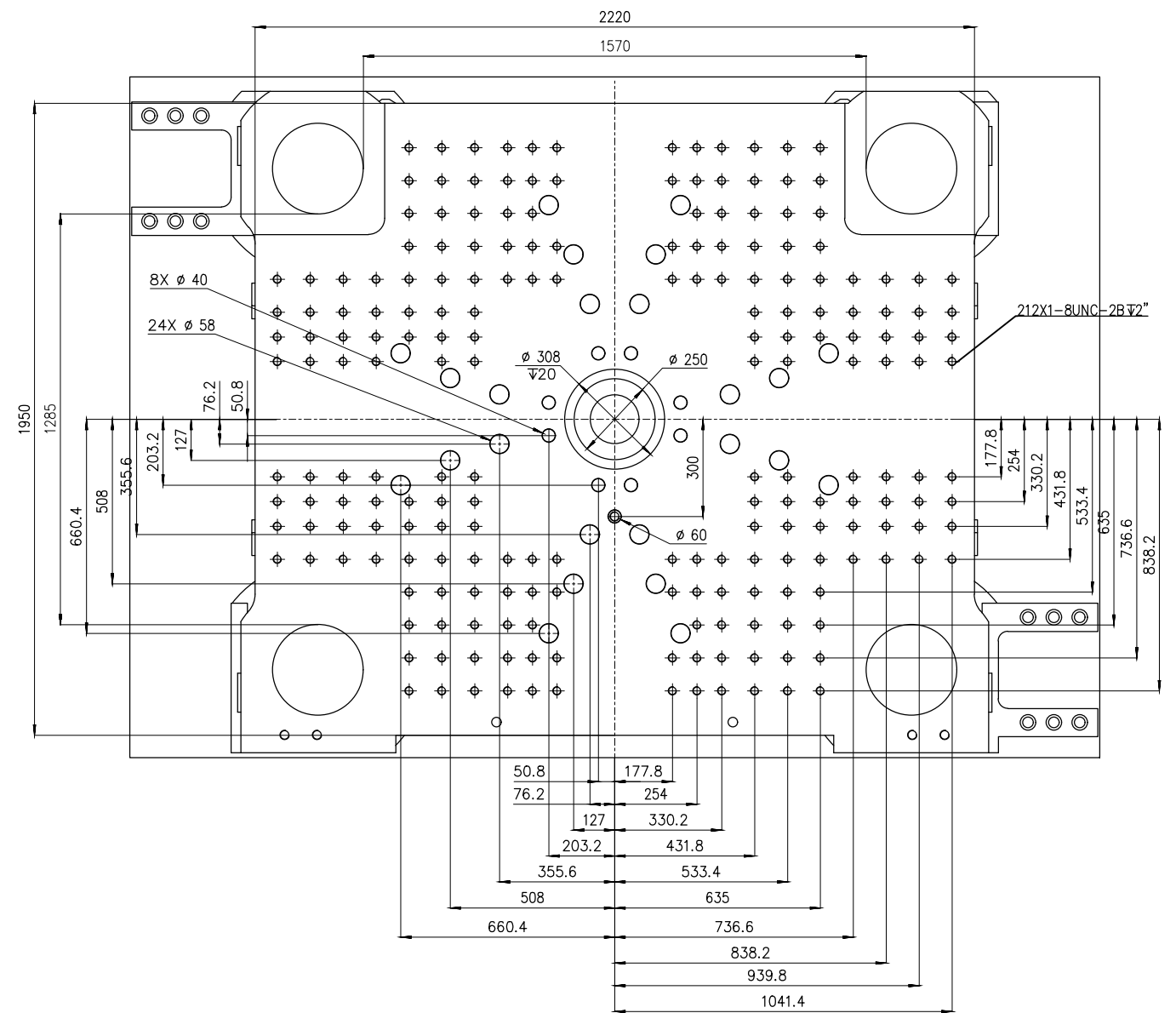
Other		
Pump Motor Power	kW	195
Heater Power	kW	123
Machine Dimension (LxWxH)	m	12.45×4.64×4.55
Machine Weight	t	76
Hopper Capacity	kg	400
Oil Tank	l	1670

***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 16000 Fixed & Moving Platens Drawing

Machine Model: JUV 16000

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:

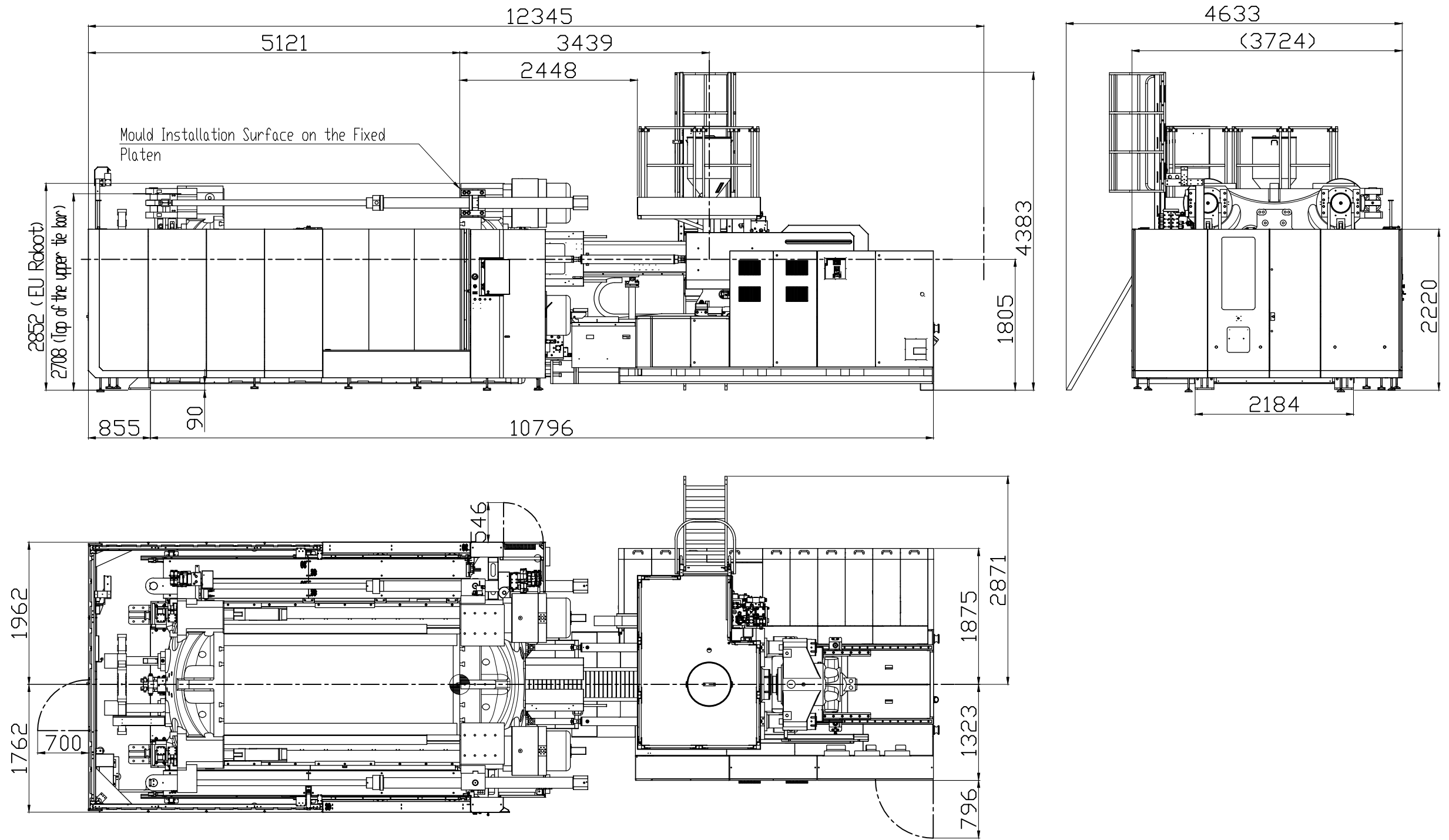
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 16000-17500 Layout Drawing

Machine Model: JU V 16000-17500

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:

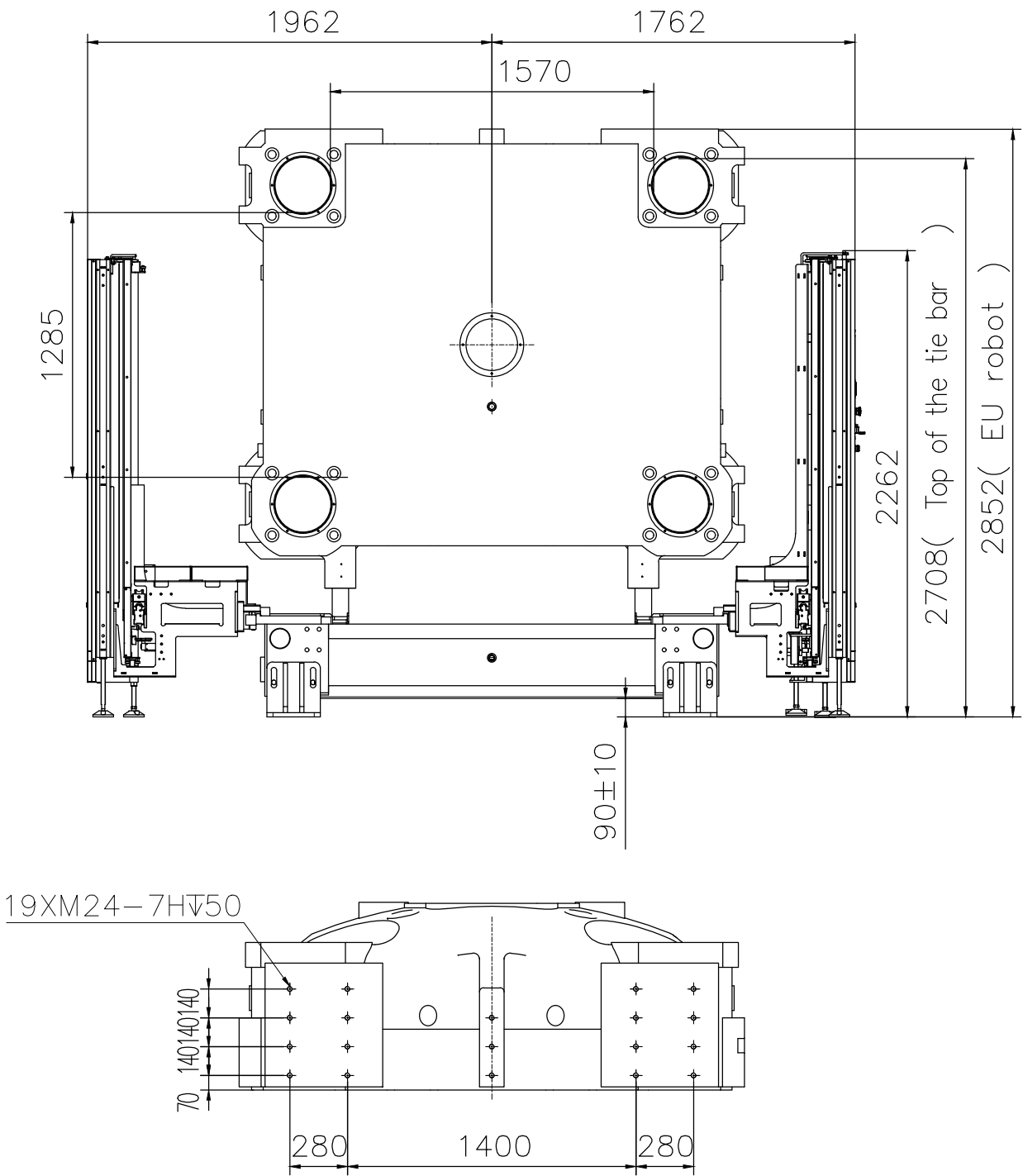
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: JU V 16000-17500 Robot Mounting Drawing

Machine Model: JU V 16000-17500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1
Drawn By: Harry
Date: 4/9/2024
Chkd By: LEON XIE
Date: 4/9/2024
Size: 11 X 17 "B"

Revision	Date:	Drawing #: Robot Mounting
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

Units: mm / [in]
Material:
Part:
Part:
Part:
Part:
Part:

PLEASE READ:

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Customer:

Customer Approval:
Authorized Signature

Notes: