

JU28000V-50500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

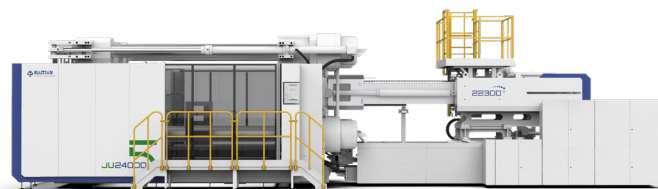
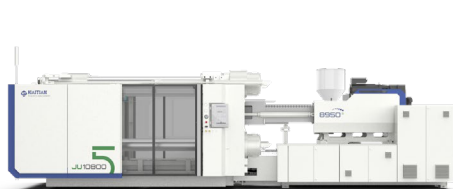


Clamping Unit		JU28000V
Clamping Force	kN	28000
Minimum Mold Height	mm	800
Maximum Mold Height	mm	2000
Maximum Daylight	mm	4100
Distance Between Tie-Bars (HXV)	mm	2185×1755
Platen Dimensions (HXV)	mm	3005x2575
Ejector Stroke	mm	500
Ejector Force	kN	450
Maximum Mold Weight*	t	66

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Injection Unit		50500
Screw & Barrel Designation		B
Screw Diameter	mm	200
Screw L/D Ratio	L/D	20
Injection Volume (theoretical)	cm ³	35185
Injection Weight (PS)	g	32019
Injection Rate (PS)	g/s	2386
Injection Pressure	MPa	132
Injection Pressure (max)*	MPa	147
Plasticizing Rate (GPPS)	g/s	\
Plasticizing Rate (HDPE)	g/s	380
Screw Speed	rpm	70



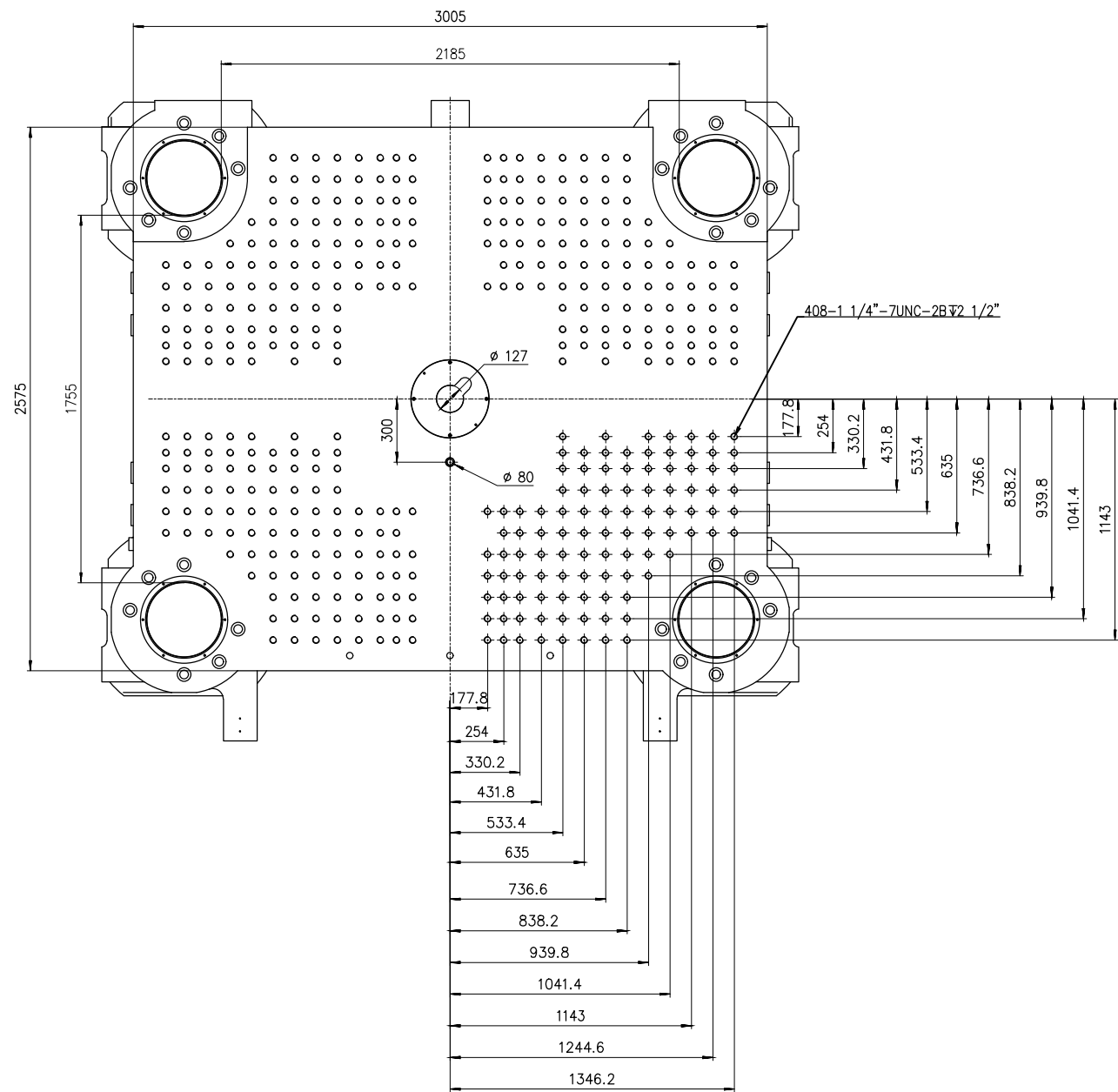
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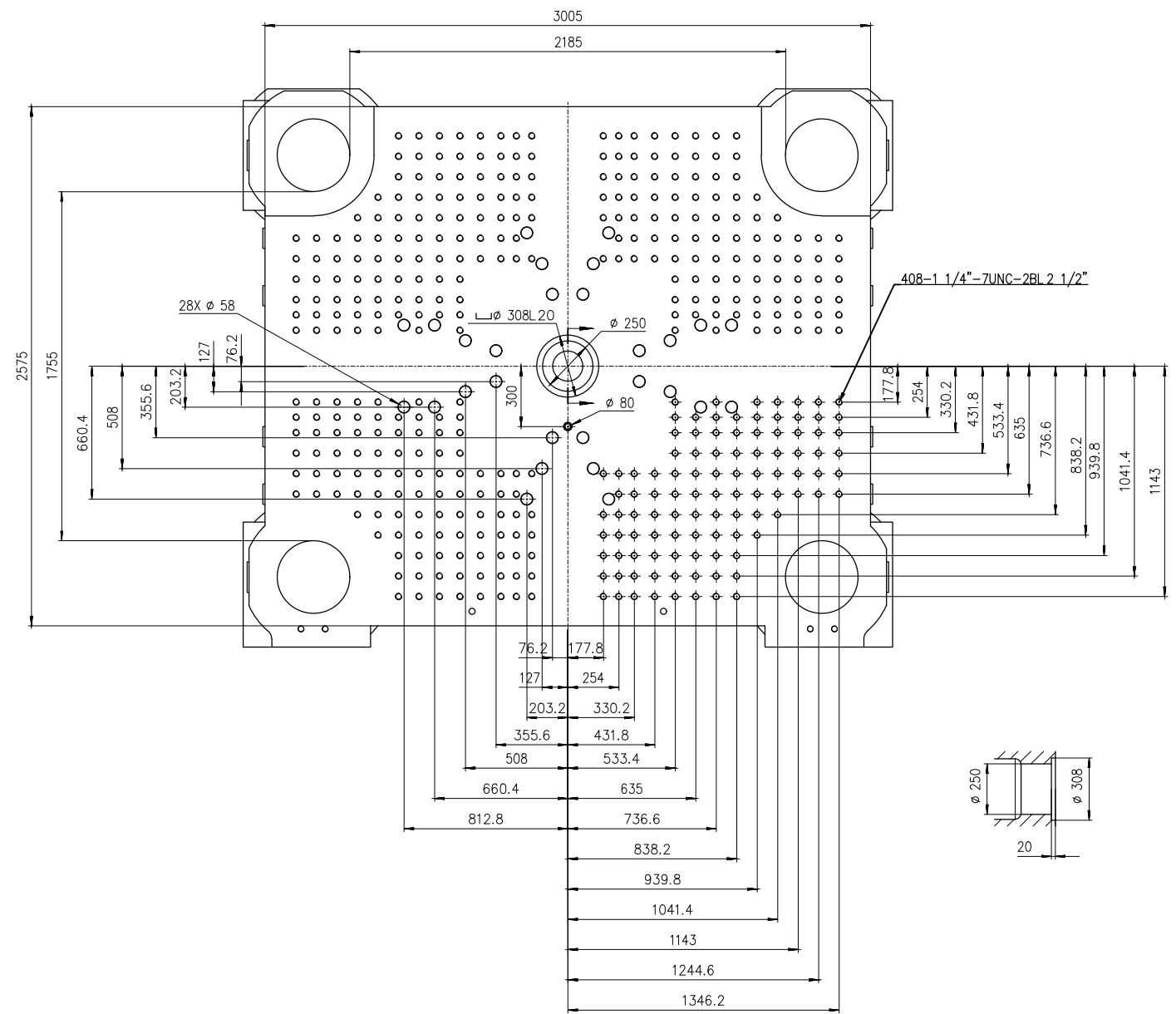
Other		
Pump Motor Power	kW	255
Heater Power	kW	211
Machine Dimension (LxWxH)	m	16.02×6.30×5.13
Machine Weight	t	153
Hopper Capacity	kg	400
Oil Tank	l	2800

***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:

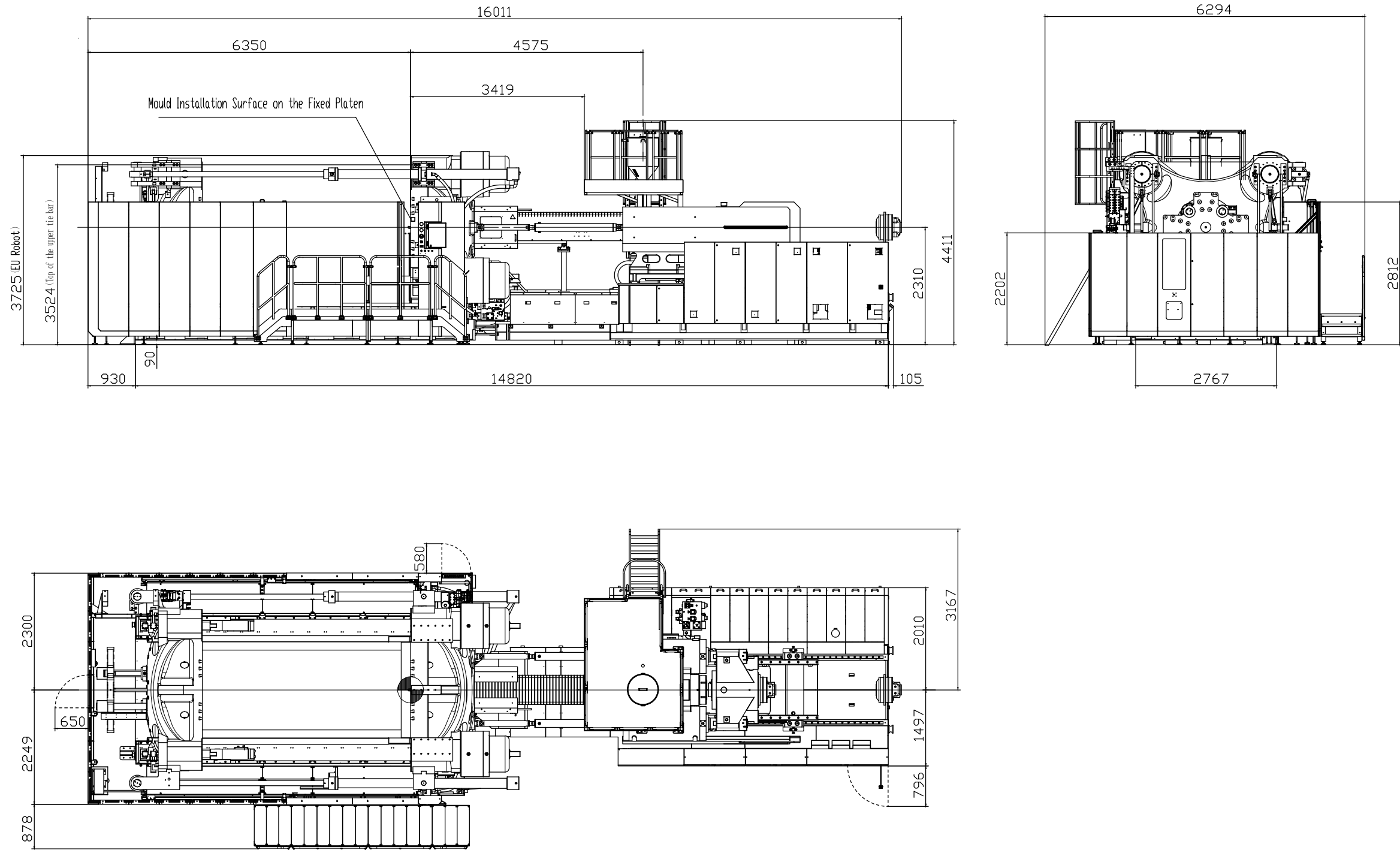
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 28000-50500 Layout Drawing

Machine Model: JU V 28000-50500

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:

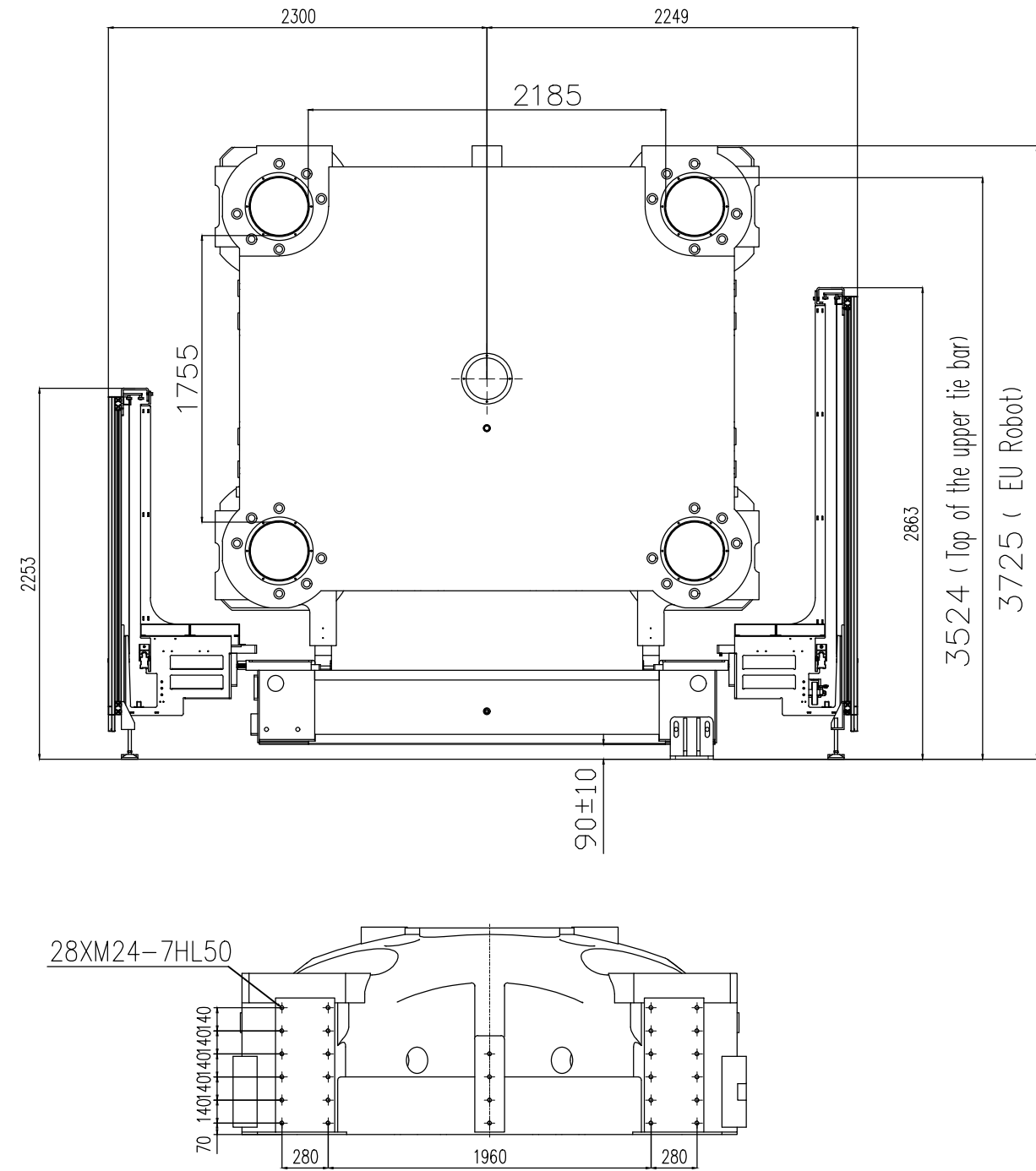
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: JU V 28000-50500 Robot Mounting Drawing

Machine Model: JU V 28000-50500
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:

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: