

JU28000V-62500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU28000V
Clamping Force	kN	28000
Mold Opening Stroke (Min/Max)	mm	3300/2100
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

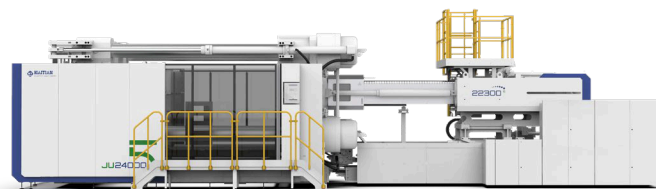
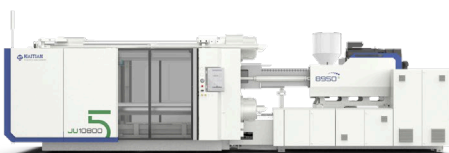
Specification



JU28000V-62500

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Injection Unit		62500
Screw & Barrel Designation		B
Screw Diameter	mm	220
Screw L/D Ratio	L/D	20.5
Injection Volume (theoretical)	cm3	45615
Injection Weight (PS)	g	41510
Injection Rate (PS)	g/s	2617
Injection Pressure	MPa	120
Injection Pressure (max)*	MPa	135
Plasticizing Rate (GPPS)	g/s	\
Plasticizing Rate (HDPE)	g/s	370
Screw Speed	rpm	53



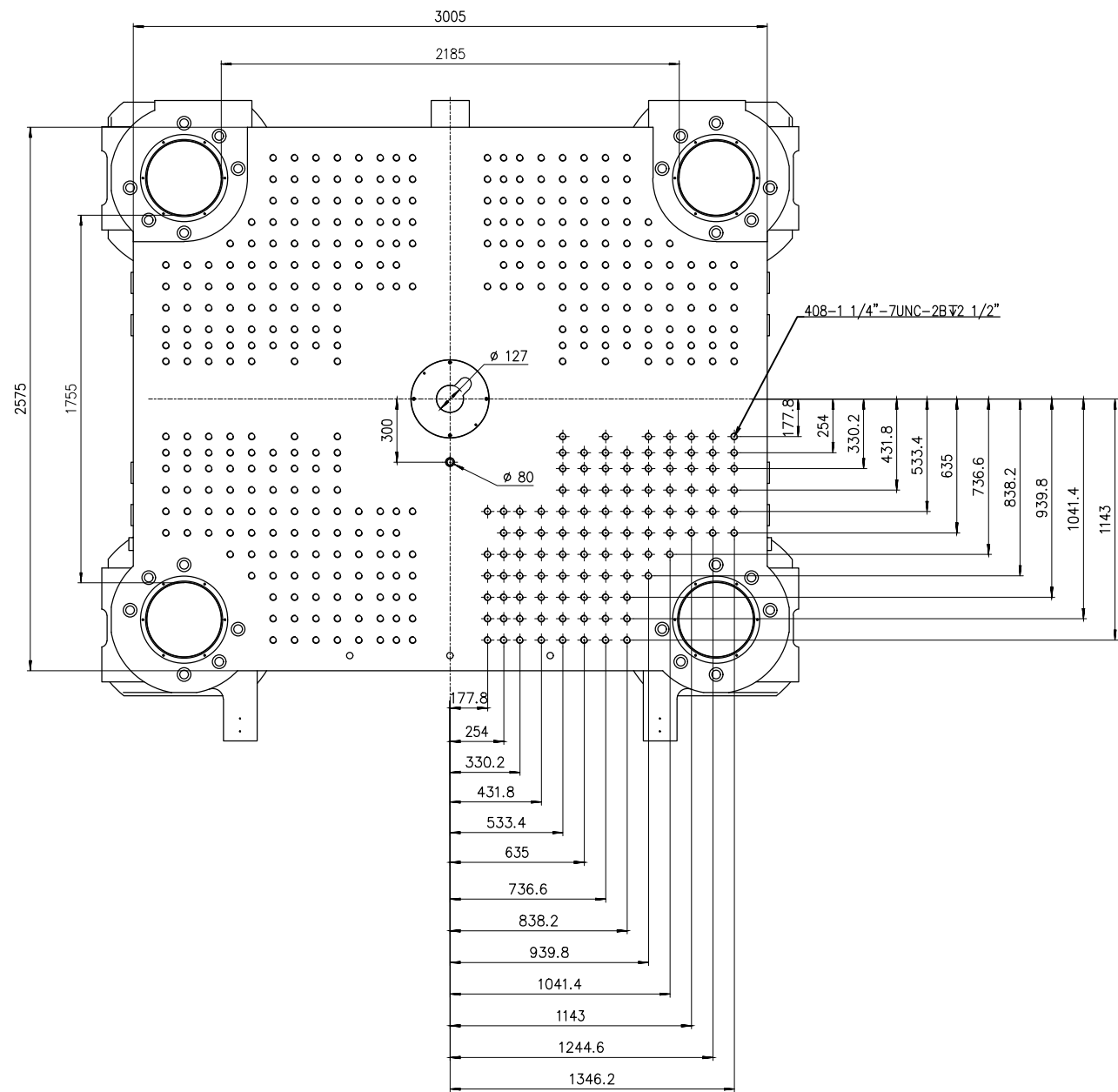
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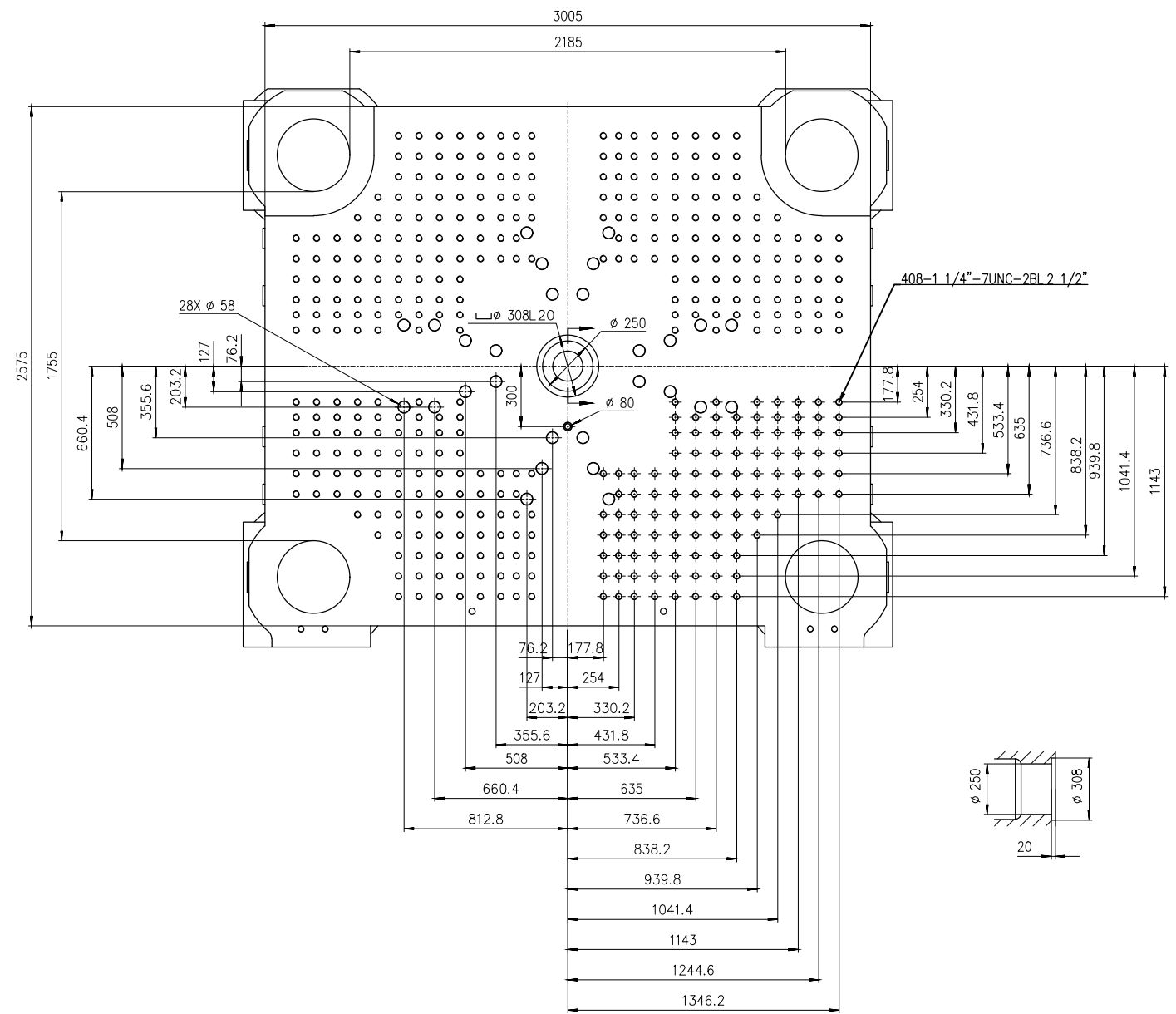
Other		
Pump Motor Power	kW	255
Heater Power	kW	228
Machine Dimension (LxWxH)	m	16.57×6.30×4.13
Machine Weight	t	156
Hopper Capacity	kg	400
Oil Tank	l	2800

***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:

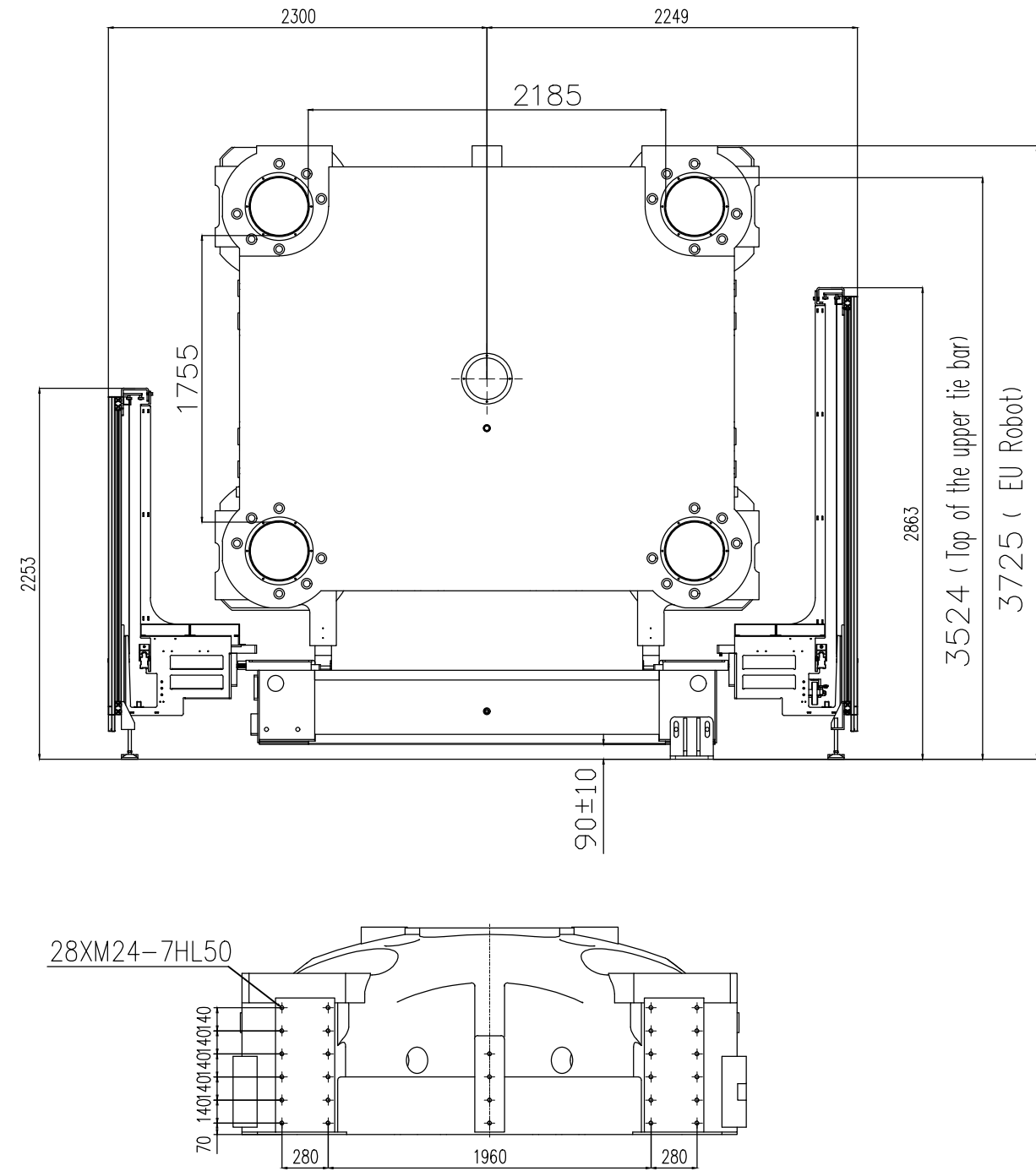
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

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Notes: