

JU28000V-40500

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

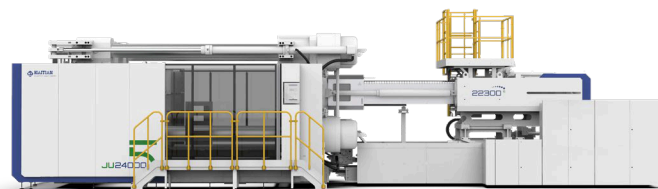
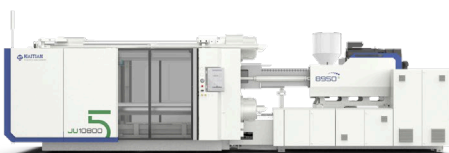
Specification



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Injection Unit		40500	
Screw & Barrel Designation		A	B
Screw Diameter	mm	170	185
Screw L/D Ratio	L/D	23.5	21.6
Injection Volume (theoretical)	cm ³	23378	27686
Injection Weight (PS)	g	21274	25194
Injection Rate (PS)	g/s	1576	1867
Injection Pressure	MPa	159	134
Injection Pressure (max)*	MPa	179	151
Plasticizing Rate (GPPS)	g/s	\	\
Plasticizing Rate (HDPE)	g/s	309	320
Screw Speed	rpm	70	70



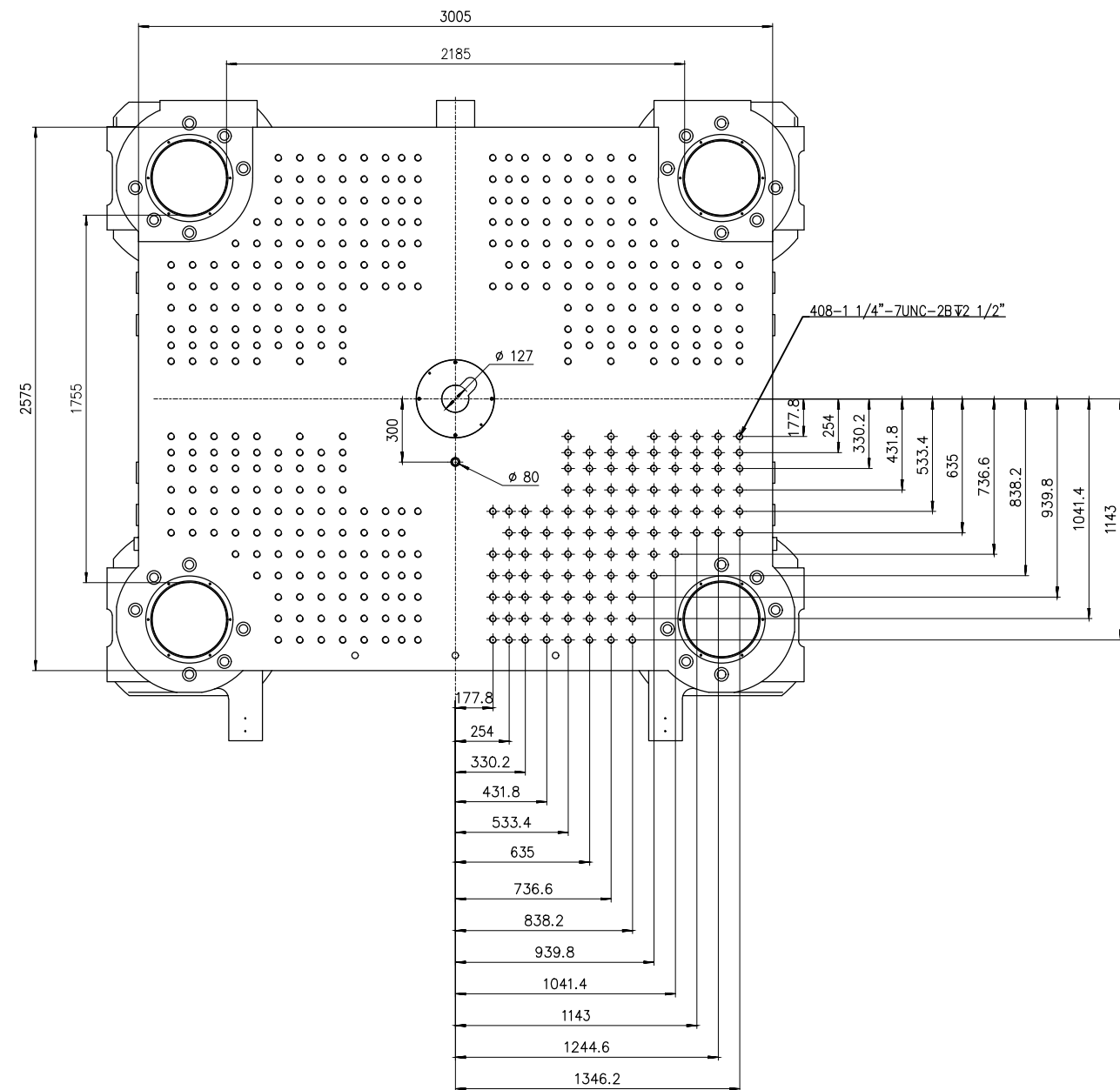
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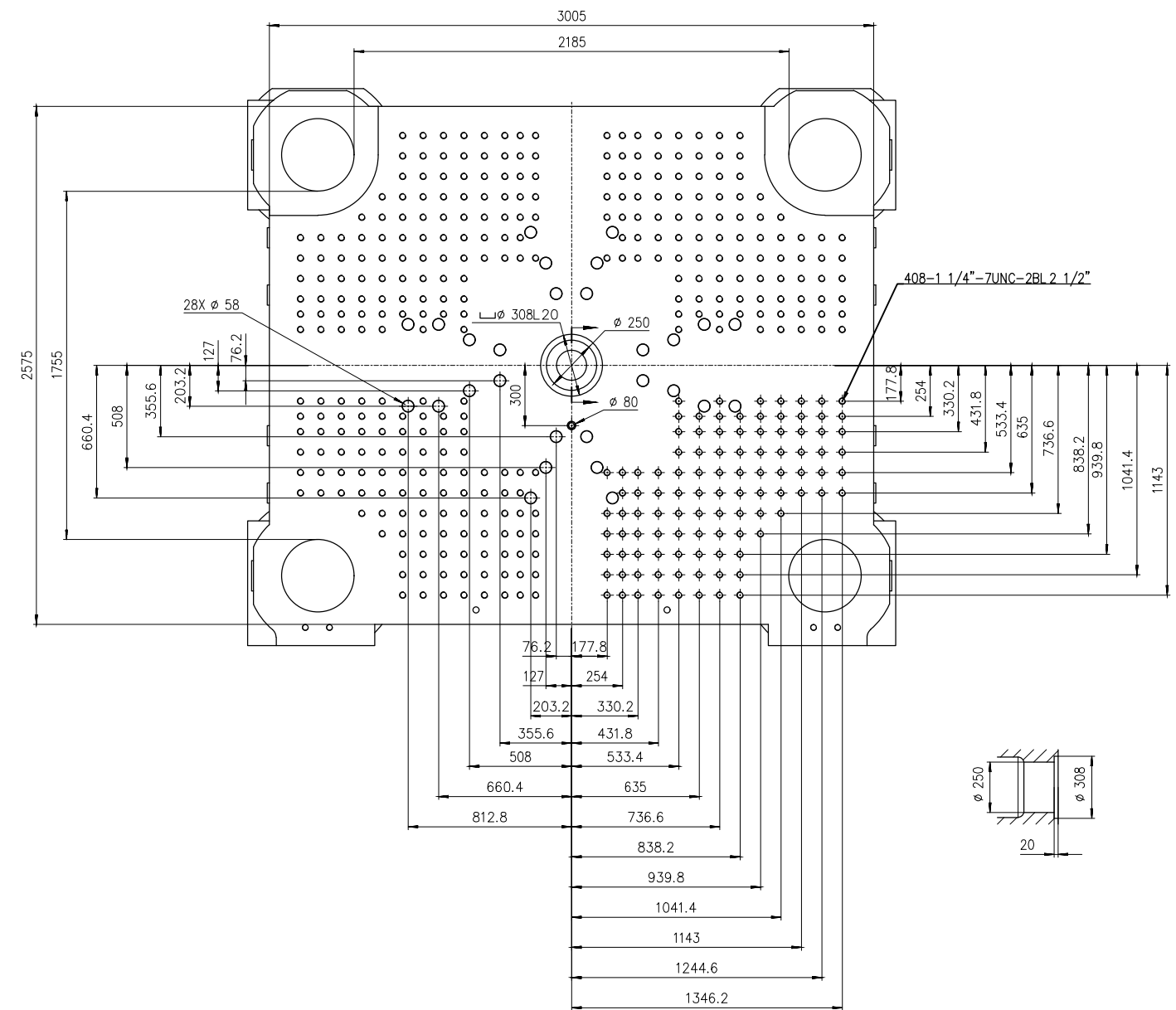
Other		
Pump Motor Power	kW	205
Heater Power	kW	211
Machine Dimension (LxWxH)	m	15.69×6.13×5.09
Machine Weight	t	148
Hopper Capacity	kg	400
Oil Tank	l	1670

***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 #:	Size: 11 X 17 "B"
Rev #: 1			Units: mm / [in]
Rev #: 2			Material:
Rev #: 3			Part:
Rev #: 4			Part:
Rev #: 5			Part:

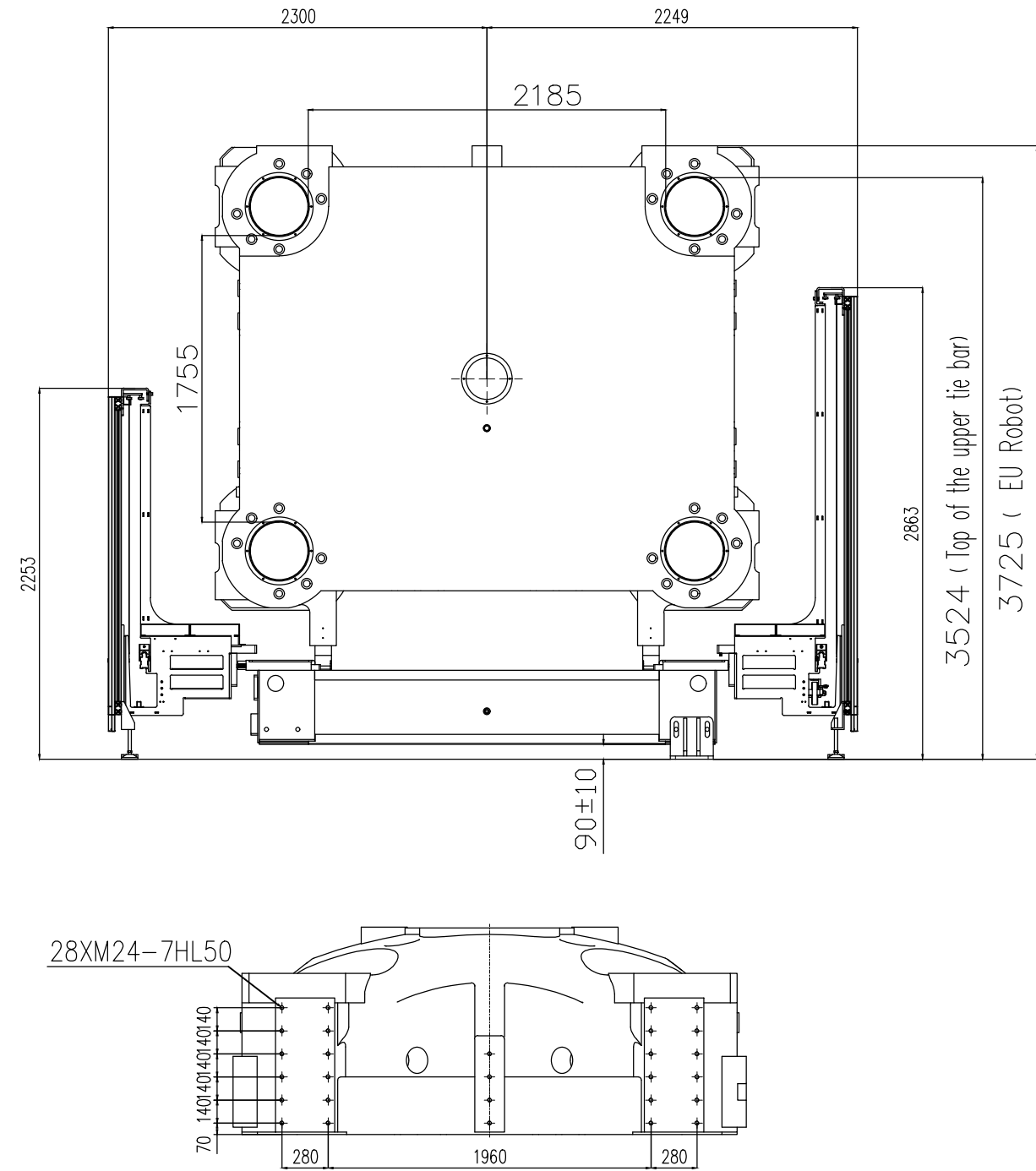
PLEASE READ:

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:



Title: JU V 28000-50500 Robot Mounting Drawing				
Machine Model: JU V 28000-50500			Sheet: 1 of 1	
Machine Serial Number:			Drawn By: Harry	Date: 4/9/2024
Machine Tonnage:			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:

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Customer:	Customer Approval: Authorized Signature

Notes:
