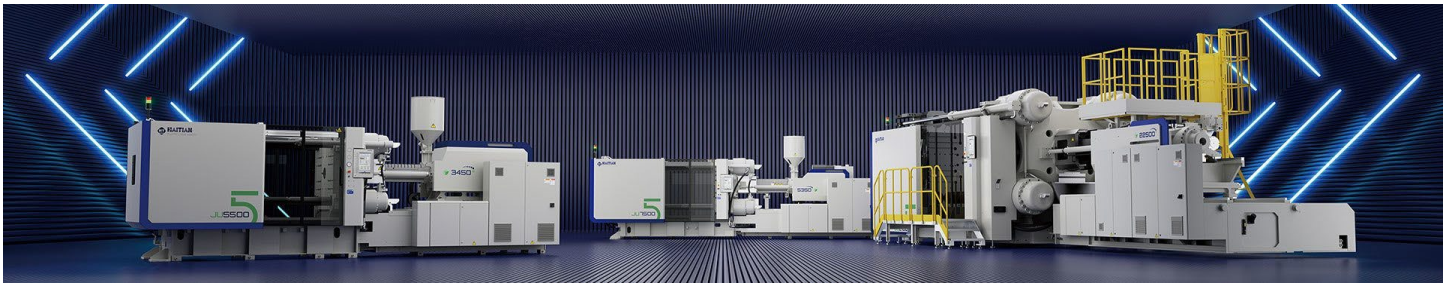
Specification

JU28000V-62500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU28000V
Clamping Force	kN	28000
	US Tons	3147
Mold Opening Stroke (Min/Max)	mm	3300/2100
	in.	129.92/82.68
Minimum Mold Height	mm	800
	in.	31.5
Maximum Mold Height	mm	2000
	in.	78.74
Maximum Daylight	mm	4100
	in.	161.42
Distance Between Tie-Bars (HXV)	mm	2185×1755
	in.	86.02x69.09
Platen Dimensions (HXV)	mm	3005x2575
	in.	118.31x101.38
Ejector Stroke	mm	500
	in.	19.69
Ejector Force	kN	450
	US Tons	51
Maximum Mold Weight*	t	66
	lbs.	145505

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Rev 2 7/9/2024

Specification

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Injection Unit		62500
Screw & Barrel Designation		**B**
Screw Diameter	mm	220
	in.	8.66
Screw L/D Ratio	L/D	20.5
Injection Volume (theoretical)	cm3	45615
	cu.in.	2783.60
Injection Weight (PS)	g	41510
	oz.	1464.22
Injection Rate (PS)	g/s	2617
	oz./s	92.31
Injection Pressure	MPa	120
	psi	17405
Injection Pressure (max)*	MPa	135
	psi	19580
Plasticizing Rate (GPPS)	g/s	\
	oz./s	\
Plasticizing Rate (HDPE)	g/s	370
	oz./s	13.05
Screw Speed	rpm	53

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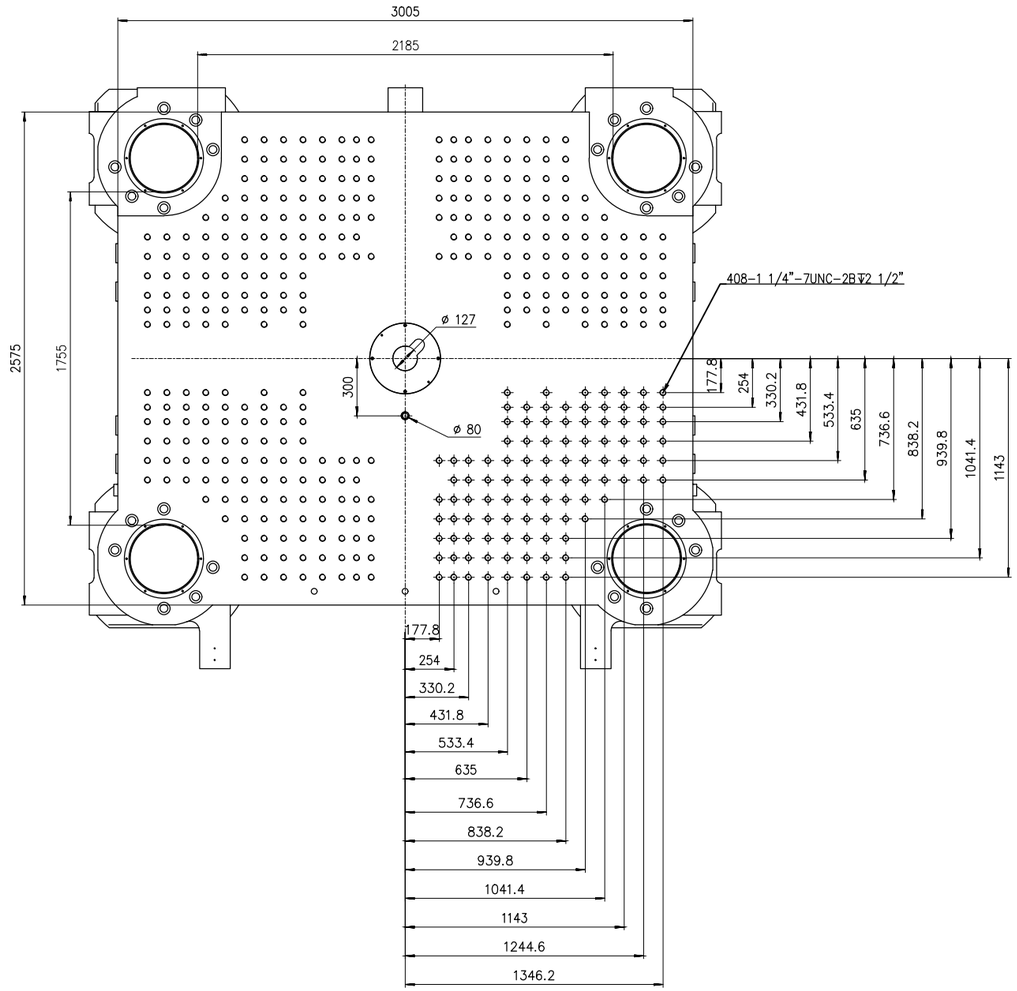
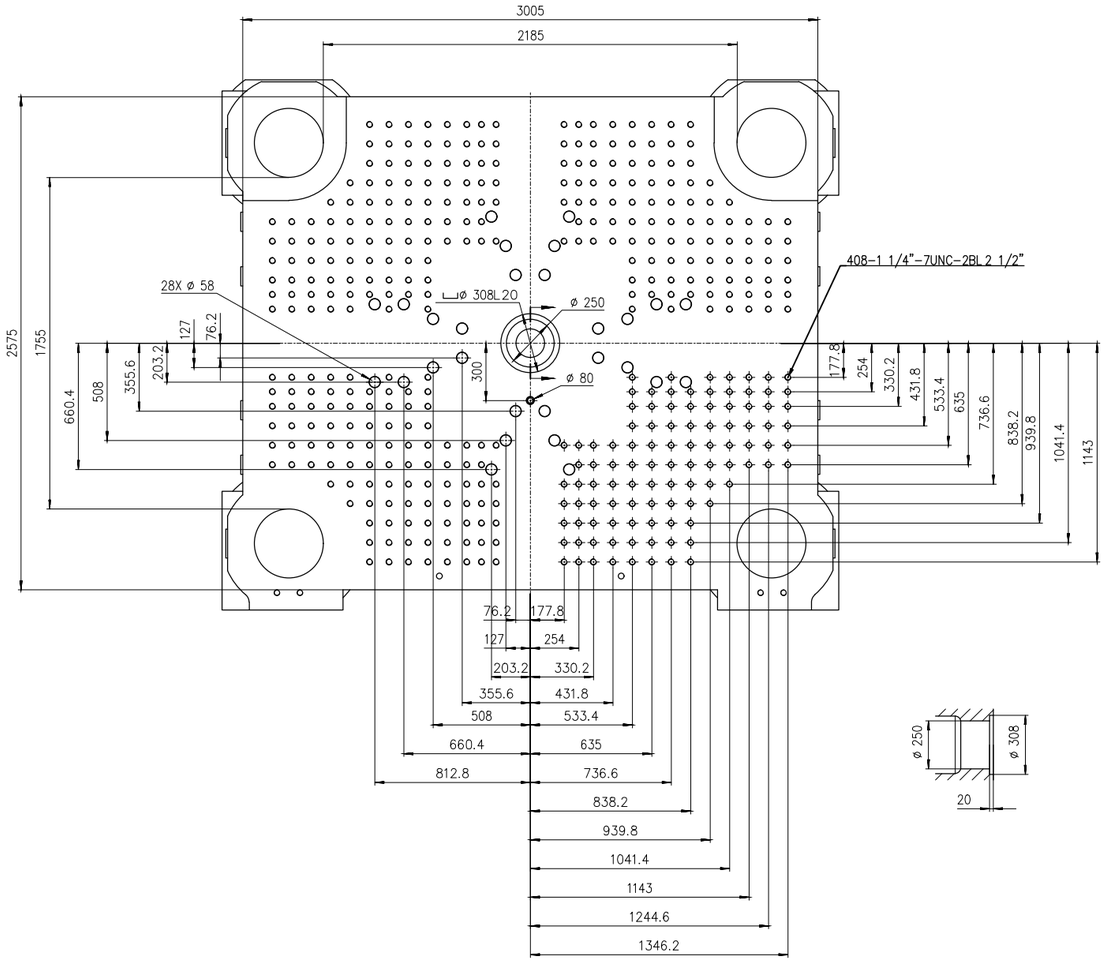
Other		
Pump Motor Power	kW	255
Heater Power	kW	228
Machine Dimension (LxWxH)	m	16.57×6.30×4.13
	in.	652x248x163
Machine Weight	t	156
	lbs.	343921
Hopper Capacity	kg	400
	lbs.	882
Oil Tank	l	2800
	gal	740

*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 Absolute Haitian 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 Absolute Haitian service department for machine specific information.



Fixed Platen



Moving Platen

HAITIAN _ ABSOLUTE

Absolute Haitian Corporation
33 Southgate St. Worcester, MA
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www.absolutehaitian.com

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**
NOT TO SCALE — **Size:** 11 X 17 "B"
Units: mm / [in]
Material:
Part:
Part:
Part:
Part:
Part:
Part:

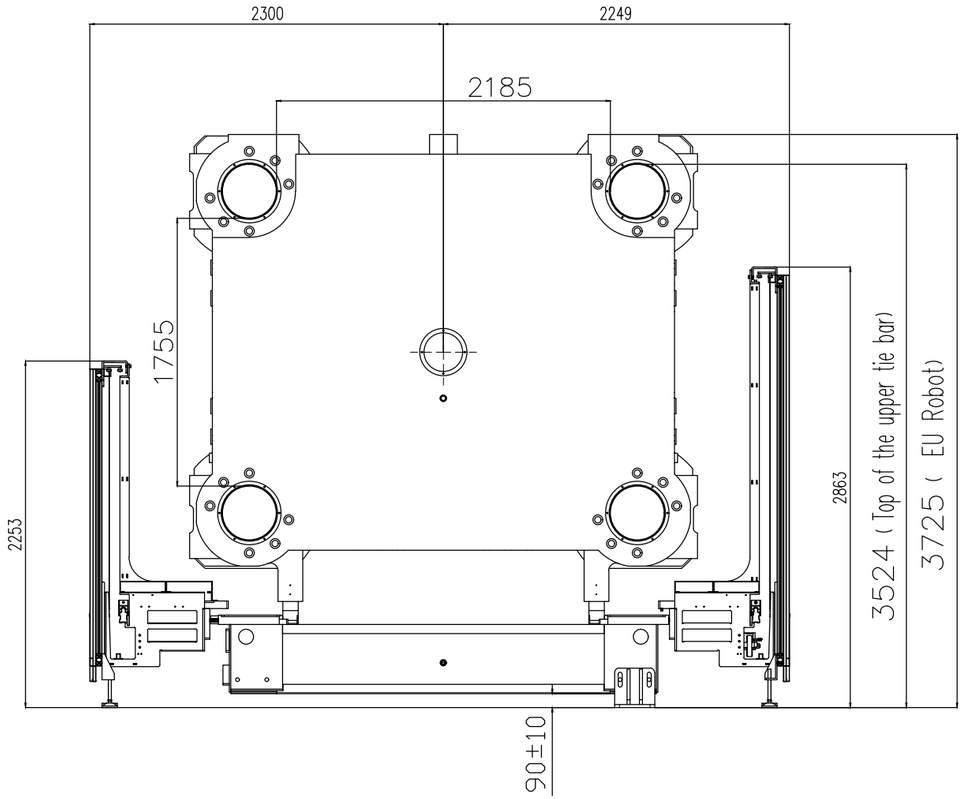
Revision	Date:	**Drawing #:**
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

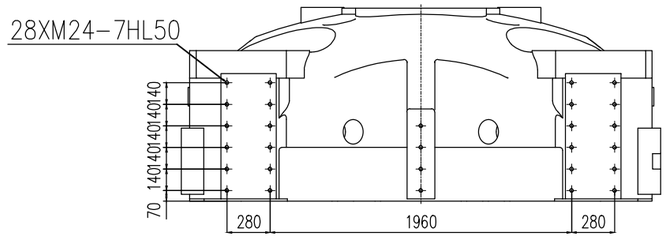
PLEASE READ:
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with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





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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:**
				Part:
				Part:
				Part:

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Customer:

Customer Approval:
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Notes: