

JU21000V-11500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU21000V
Clamping Force	kN	21000
Mold Opening Stroke (Min/Max)	mm	2700/1800
Minimum Mold Height	mm	800
Maximum Mold Height	mm	1700
Maximum Daylight	mm	3500
Distance Between Tie-Bars (HXV)	mm	1920×1480
Platen Dimensions (HXV)	mm	2660×2220
Ejector Stroke	mm	450
Ejector Force	kN	450
Maximum Mold Weight*	t	50

Specification



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Injection Unit		11500			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	110	120	130	140
Screw L/D Ratio	L/D	26.2	24	22.2	20.6
Injection Volume (theoretical)	cm ³	5226	6220	7300	8466
Injection Weight (PS)	g	4756	5660	6643	7704
Injection Rate (PS)	g/s	1255	1493	1753	2033
Injection Pressure	MPa	189	159	135	117
Injection Pressure (max)*	MPa	217	183	156	134
Plasticizing Rate (GPPS)	g/s	123	142	164	187
Plasticizing Rate (HDPE)	g/s	187	217	240	273
Screw Speed	rpm	125	125	125	125



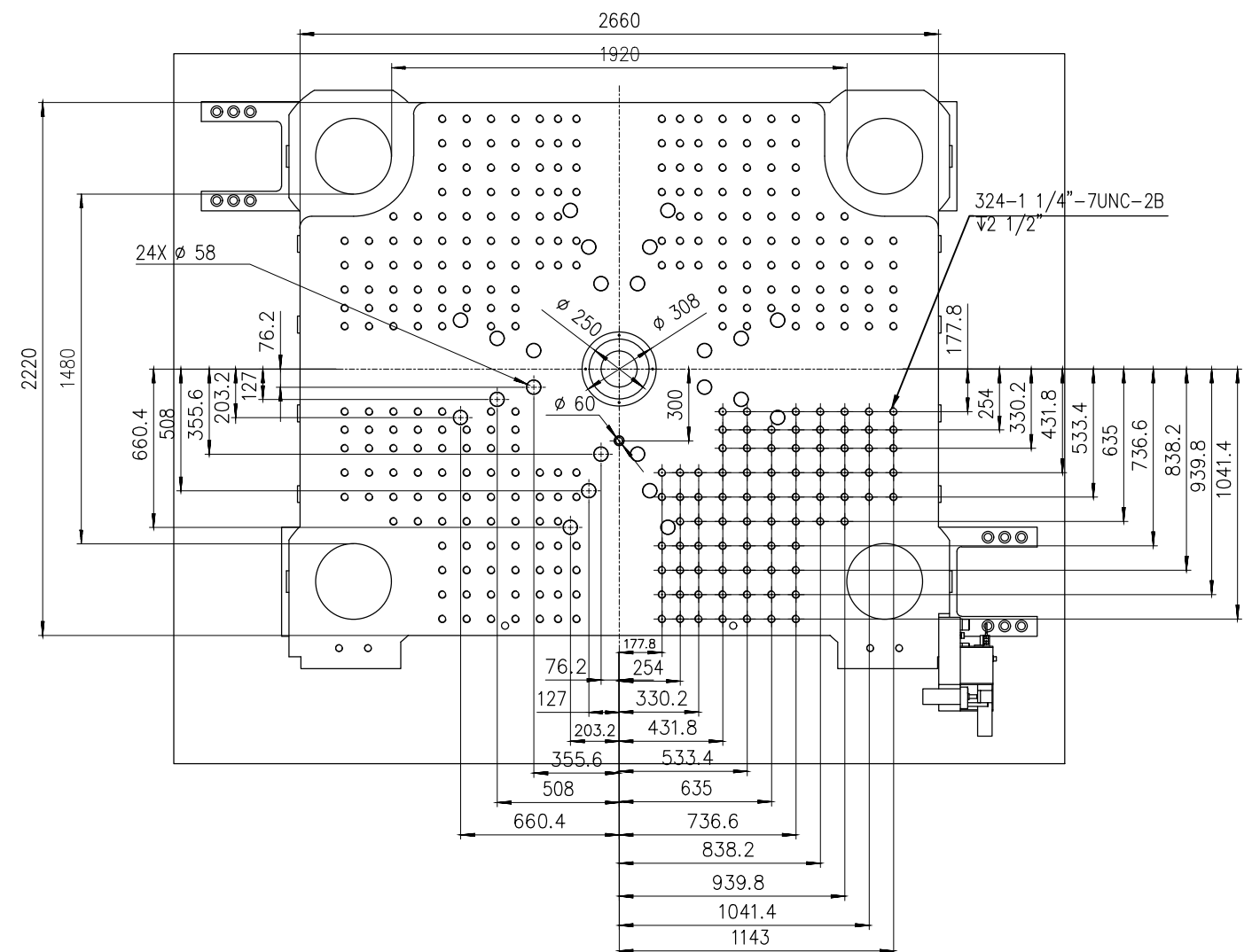
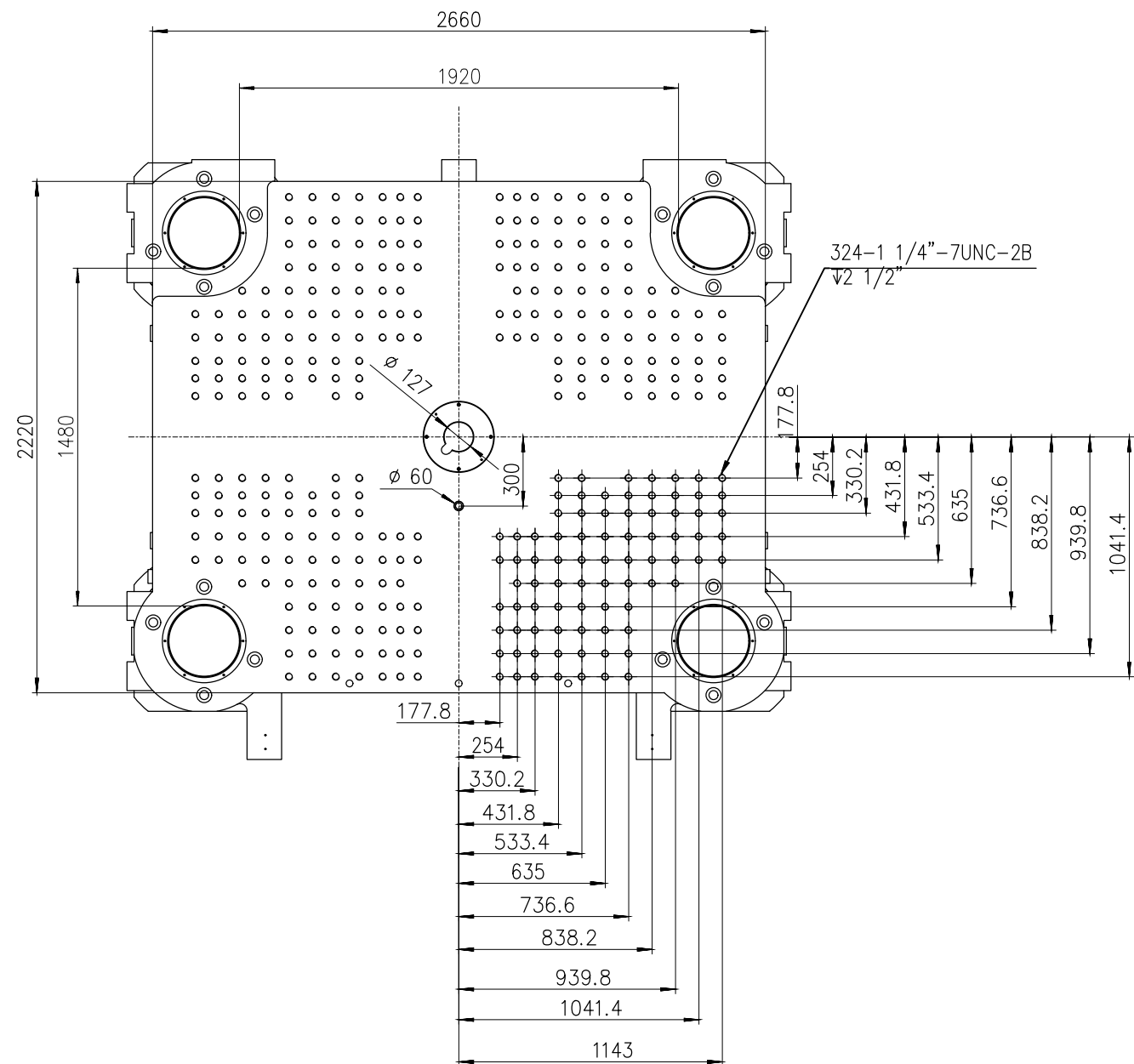
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Other		
Pump Motor Power	kW	195
Heater Power	kW	104
Machine Dimension (LxWxH)	m	11.59×5.07×4.51
Machine Weight	t	94
Hopper Capacity	kg	400
Oil Tank	l	840

***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:

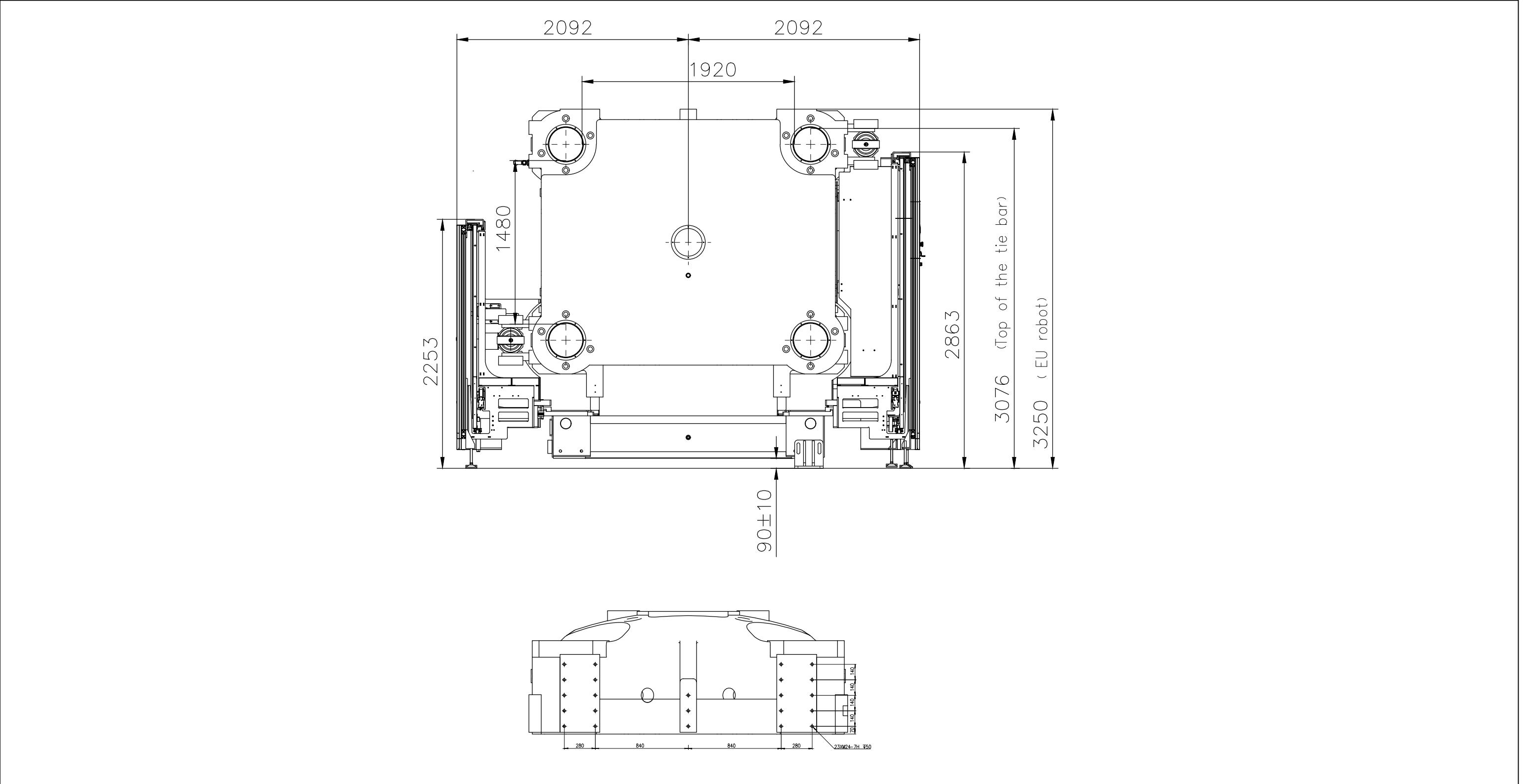
PLEASE READ:

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 21000 Robot Mounting Drawing

Machine Model: JU V 21000
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 4/9/2024

Chkd By: LEON XIE

Date: 4/9/2024

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

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