

JU10800V-5350

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU10800V
Clamping Force	kN	10800
Mold Opening Stroke (Min/Max)	mm	1900/1200
Minimum Mold Height	mm	500
Maximum Mold Height	mm	1200
Maximum Daylight	mm	2400
Distance Between Tie-Bars (HXV)	mm	1270x1100
Platen Dimensions (HXV)	mm	1700x1660
Ejector Stroke	mm	350
Ejector Force	kN	230
Maximum Mold Weight*	t	16

Specification



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Injection Unit		5350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	90	100
Screw L/D Ratio	L/D	24.8	22	19.8
Injection Volume (theoretical)	cm ³	2261	2862	3534
Injection Weight (PS)	g	2058	2605	3216
Injection Rate (PS)	g/s	610	772	954
Injection Pressure	MPa	204	161	130
Injection Pressure (max)*	MPa	236	186	151
Plasticizing Rate (GPPS)	g/s	85	106.6	131
Plasticizing Rate (HDPE)	g/s	127.9	162.2	200.1
Screw Speed	rpm	190	190	190



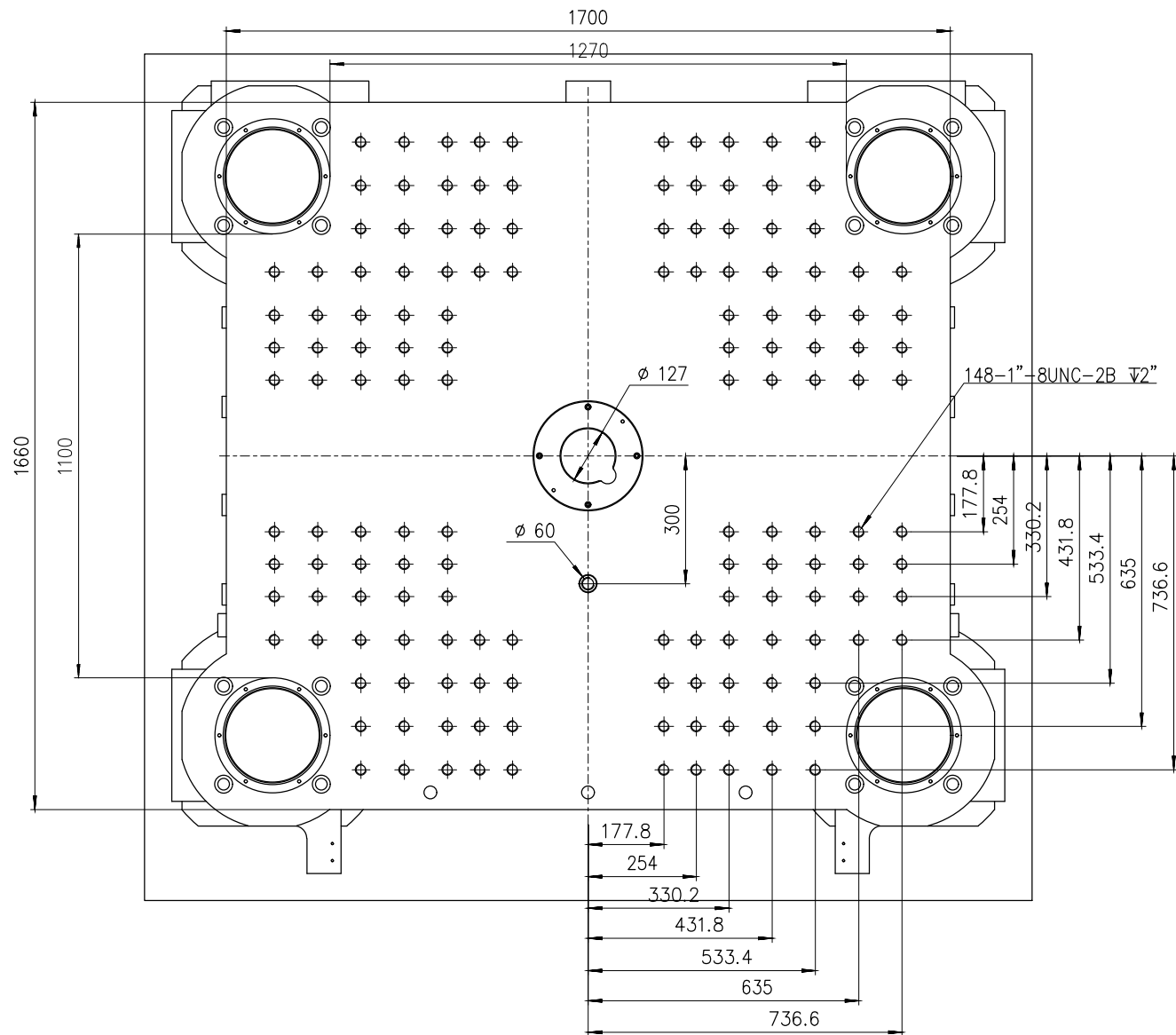
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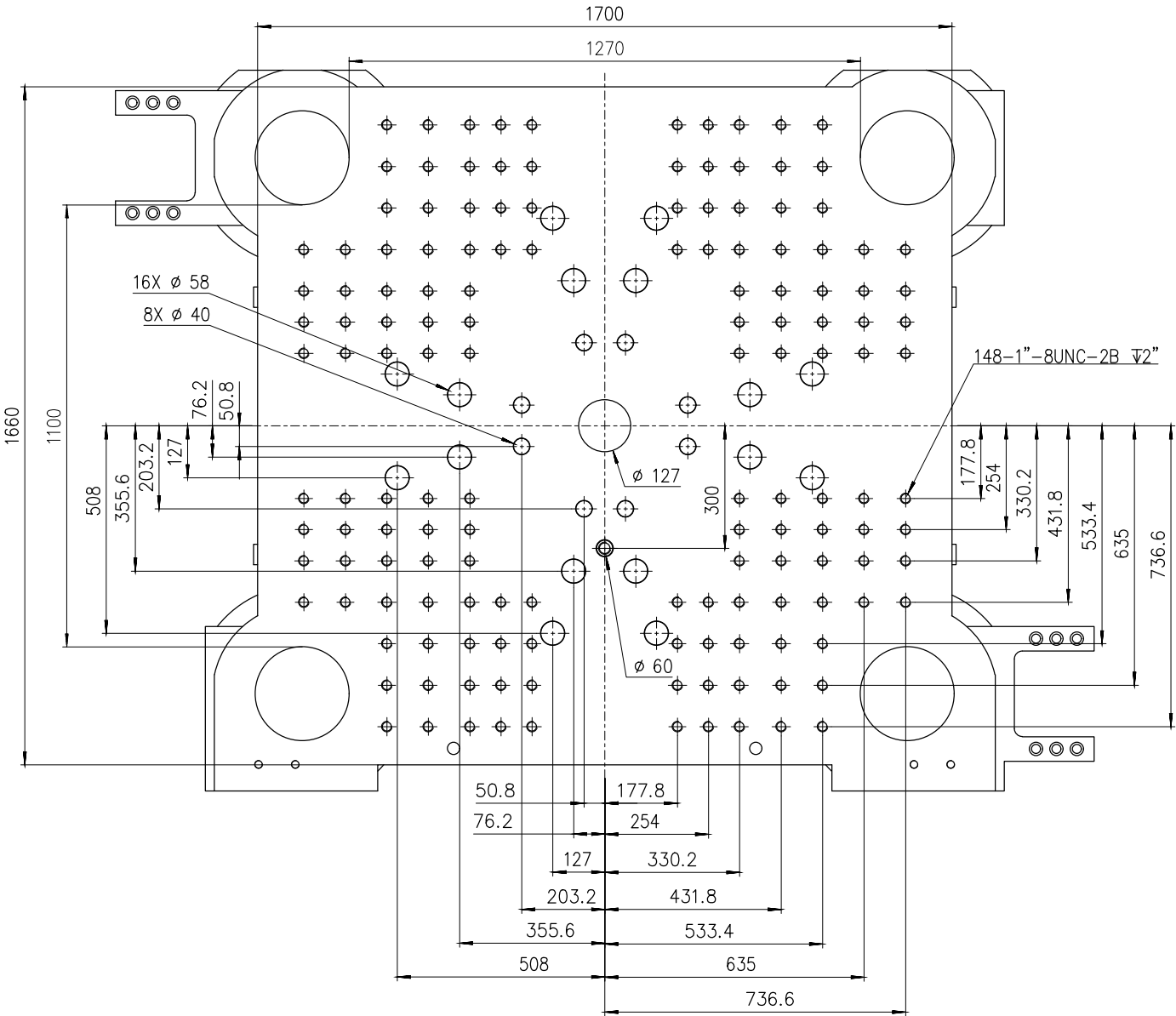
Other		
Pump Motor Power	kW	105
Heater Power	kW	54
Machine Dimension (LxWxH)	m	9.22×3.28×3.06
Machine Weight	t	41
Hopper Capacity	kg	100
Oil Tank	l	510

***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 10800 Fixed & Moving Platens Drawing

Machine Model: JUV 10800
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:

Part:

PLEASE READ:

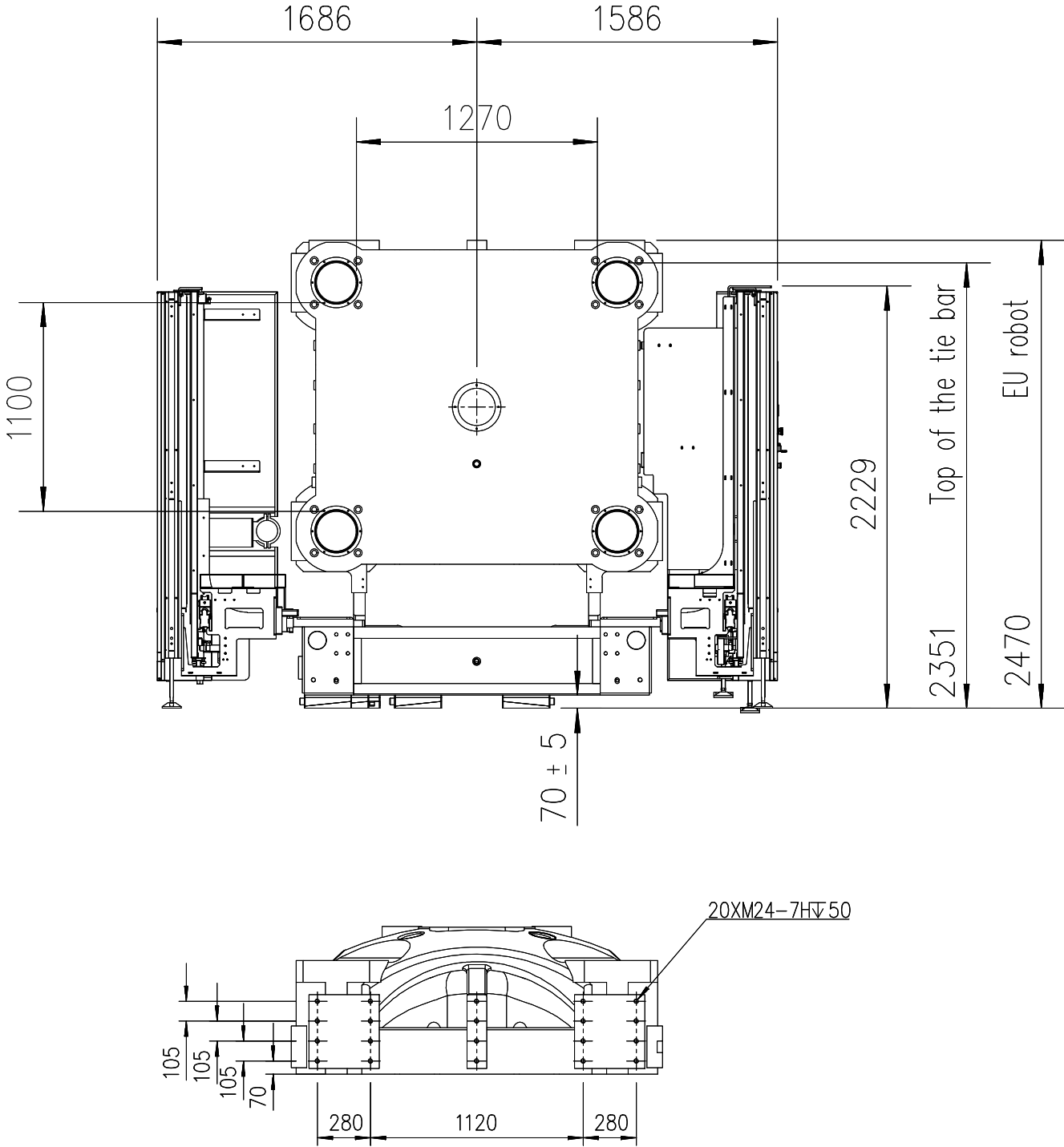
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 10800-8950 Robot Mounting Drawing

Machine Model: JU V 10800-8950
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
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:	
Part:	

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