

Specification



JU14000V-8950

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU14000V
Clamping Force	kN	14000
	US Tons	1574
Mold Opening Stroke (Min/Max)	mm	2350/1600
	in.	92.52/62.99
Minimum Mold Height	mm	700
	in.	27.56
Maximum Mold Height	mm	1450
	in.	57.09
Maximum Daylight	mm	3050
	in.	120.08
Distance Between Tie-Bars (HXV)	mm	1470×1360
	in.	57.87×53.54
Platen Dimensions (HXV)	mm	2072×1972
	in.	81.57×77.64
Ejector Stroke	mm	400
	in.	15.75
Ejector Force	kN	330
	US Tons	37
Maximum Mold Weight*	t	27
	lbs.	59525

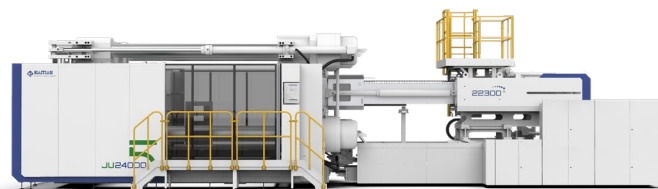
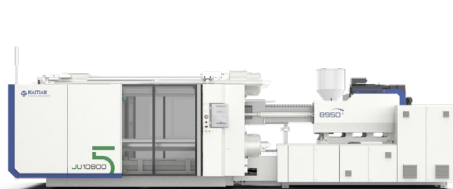
Specification



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Injection Unit		8950		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	100	110	120
	in.	3.94	4.33	4.72
Screw L/D Ratio	L/D	24.2	22	20.2
Injection Volume (theoretical)	cm ³	4005	4846	5767
	cu.in.	244.40	295.72	351.92
Injection Weight (PS)	g	3645	4410	5248
	oz.	128.57	155.56	185.12
Injection Rate (PS)	g/s	797	965	1148
	oz./s	28.11	34.04	40.49
Injection Pressure	MPa	196	162	136
	psi	28427	23496	19725
Injection Pressure (max)*	MPa	223	184	154
	psi	32343	26687	22336
Plasticizing Rate (GPPS)	g/s	120.7	144.8	167.8
	oz./s	4.26	5.11	5.92
Plasticizing Rate (HDPE)	g/s	181.2	217.2	247
	oz./s	6.39	7.66	8.71
Screw Speed	rpm	155	155	155



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Specifications subject to change without notice



Rev 2 7/9/2024

Specification



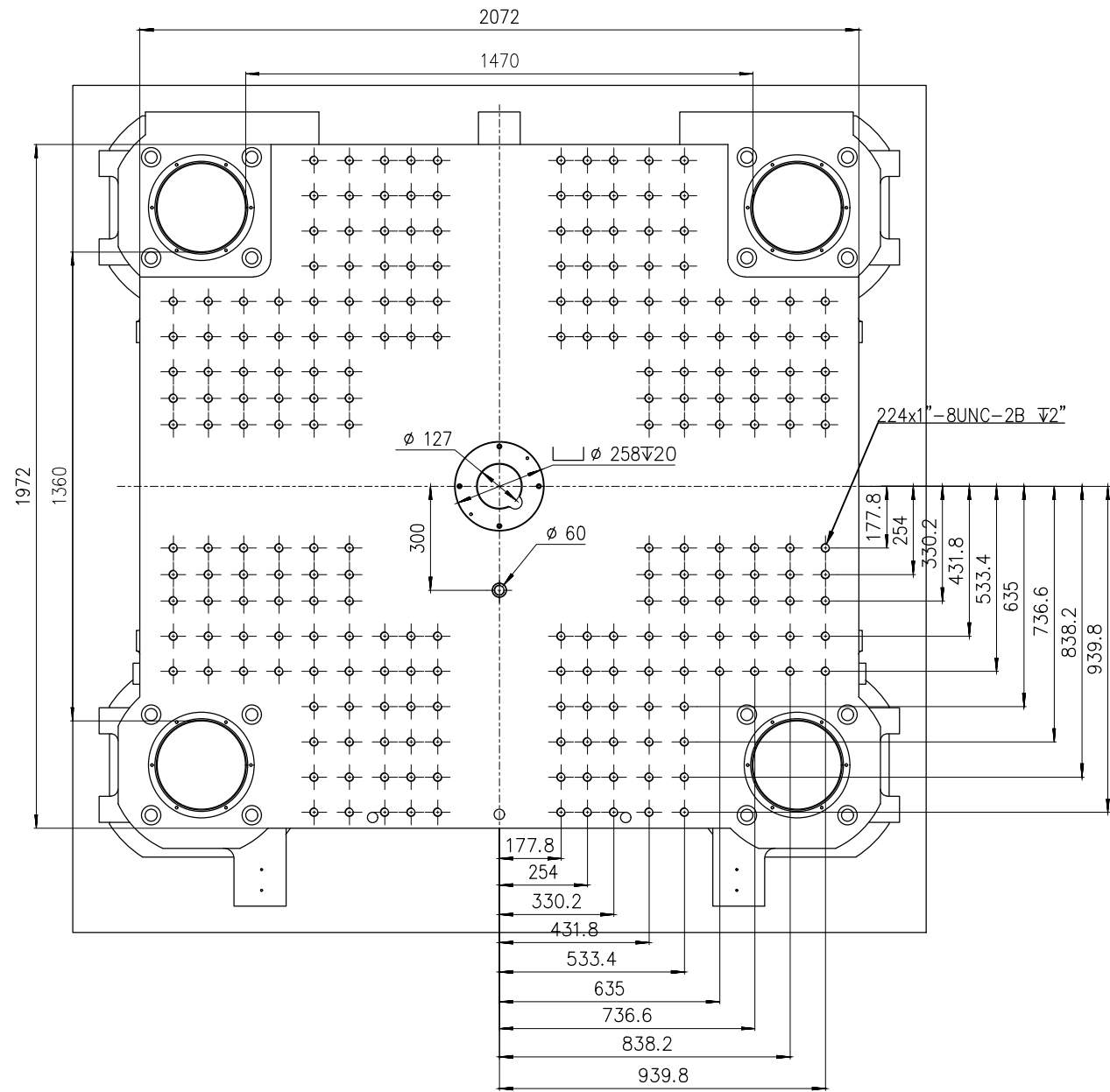
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JUPITER 5 Series: Two-Platen Servo-Hydraulic

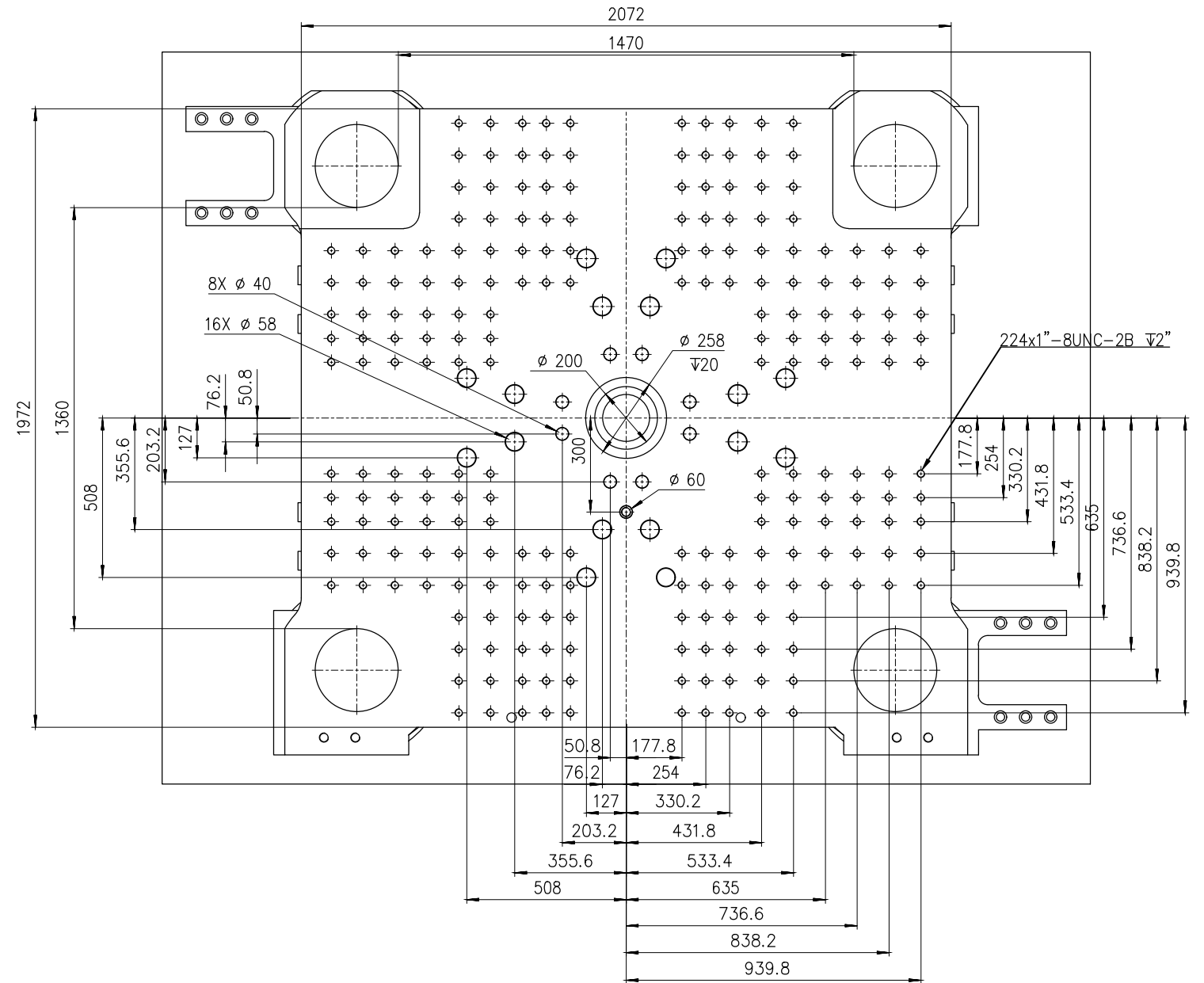
Other		
Pump Motor Power	kW	127
Heater Power	kW	83
Machine Dimension (LxWxH)	m	10.79×3.52×4.05
	in.	425x139x159
Machine Weight	t	62
	lbs.	136687
Hopper Capacity	kg	200
	lbs.	441
Oil Tank	l	840
	gal	222

***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



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

Title: JUV 14000 Fixed & Moving Platens Drawing

Machine Model: JUV 14000
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:

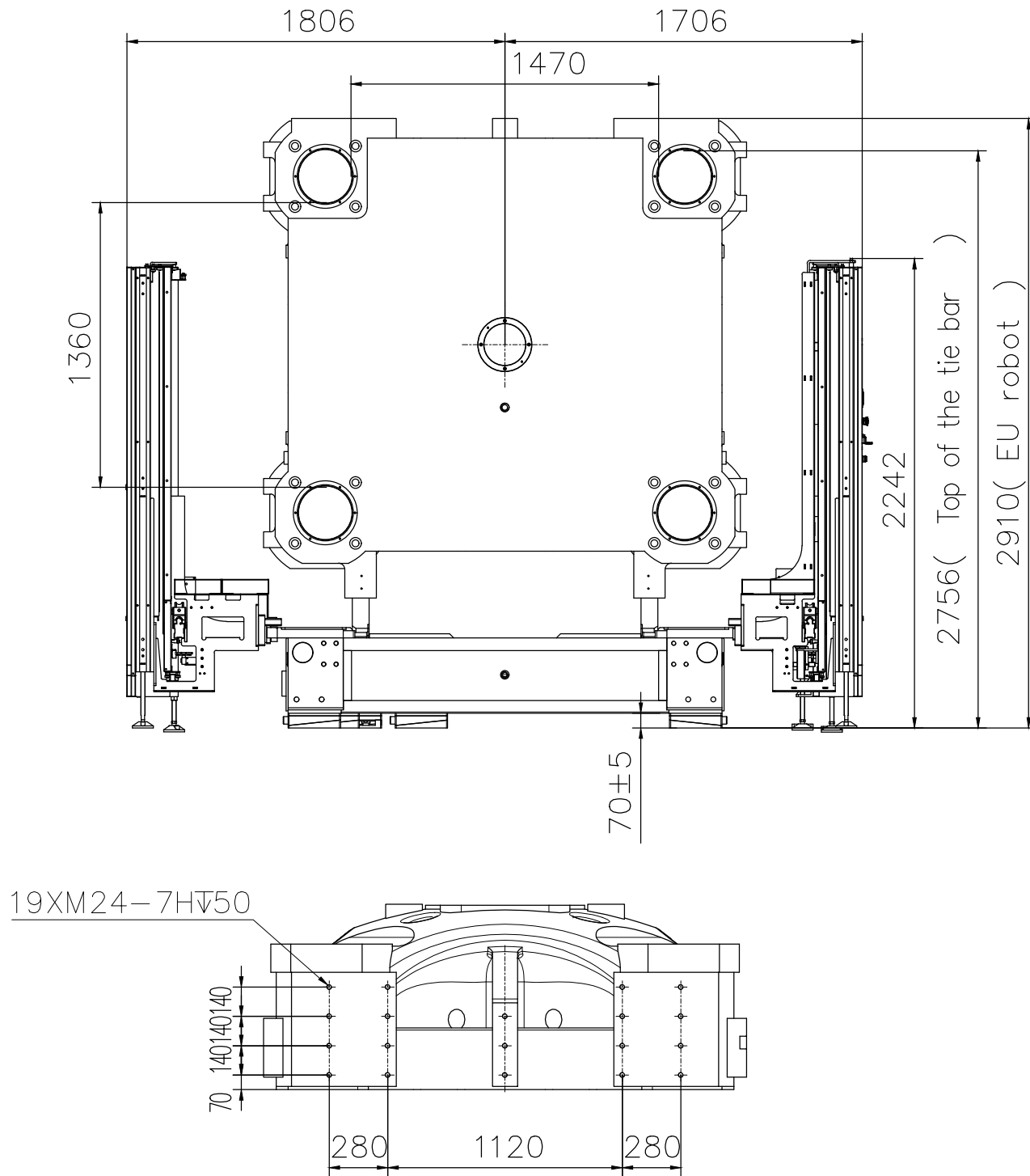
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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



Absolute Haitian Corporation
33 Southgate St. Worcester, MA
T:+1 508-792-4305
www.absolutehaitian.com

Title: JU V 14000-11500 Robot Mounting Drawing

Machine Model: JU V 14000-11500

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:

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