

Specification



JU10800V-5350

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU10800V
Clamping Force	kN	10800
	US Tons	1214
Mold Opening Stroke (Min/Max)	mm	1900/1200
	in.	74.8/47.24
Minimum Mold Height	mm	500
	in.	19.69
Maximum Mold Height	mm	1200
	in.	47.24
Maximum Daylight	mm	2400
	in.	94.49
Distance Between Tie-Bars (HXV)	mm	1270×1100
	in.	50×43.31
Platen Dimensions (HXV)	mm	1700×1660
	in.	66.93×65.35
Ejector Stroke	mm	350
	in.	13.78
Ejector Force	kN	230
	US Tons	26
Maximum Mold Weight*	t	16
	lbs.	35274

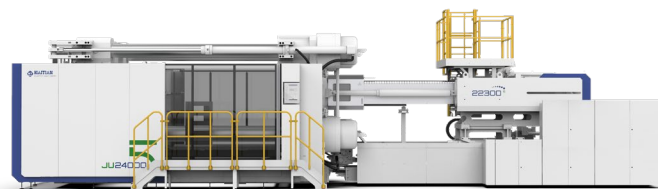
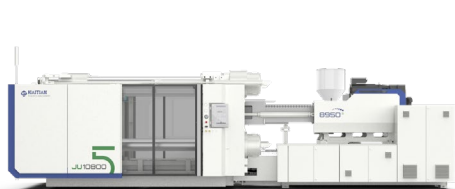
Specification



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Injection Unit		5350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	90	100
	in.	3.15	3.54	3.94
Screw L/D Ratio	L/D	24.8	22	19.8
Injection Volume (theoretical)	cm ³	2261	2862	3534
	cu.in.	137.97	174.65	215.66
Injection Weight (PS)	g	2058	2605	3216
	oz.	72.59	91.89	113.44
Injection Rate (PS)	g/s	610	772	954
	oz./s	21.52	27.23	33.65
Injection Pressure	MPa	204	161	130
	psi	29588	23351	18855
Injection Pressure (max)*	MPa	236	186	151
	psi	34229	26977	21901
Plasticizing Rate (GPPS)	g/s	85	106.6	131
	oz./s	3.00	3.76	4.62
Plasticizing Rate (HDPE)	g/s	127.9	162.2	200.1
	oz./s	4.51	5.72	7.06
Screw Speed	rpm	190	190	190



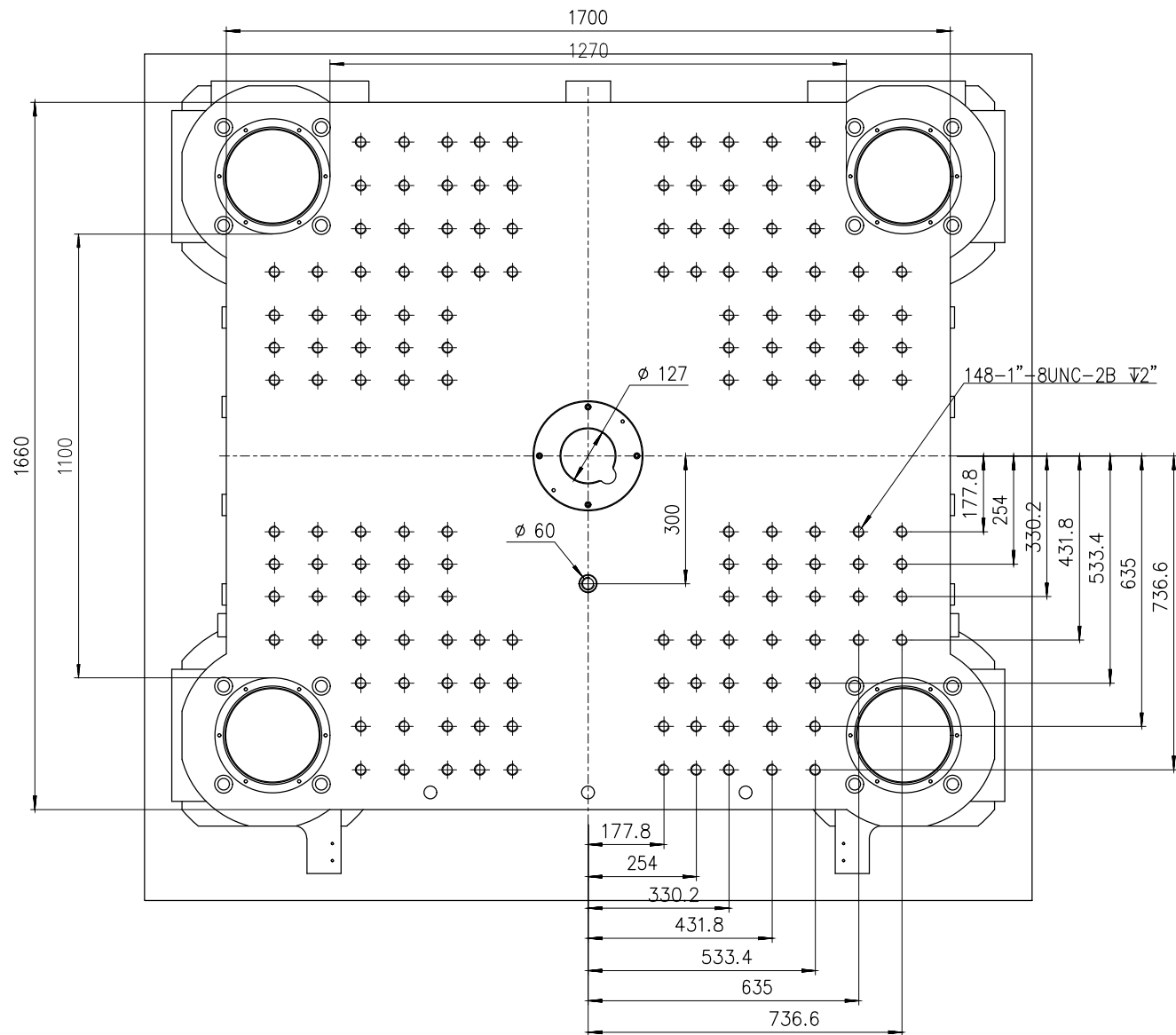
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JUPITER 5 Series: Two-Platen Servo-Hydraulic

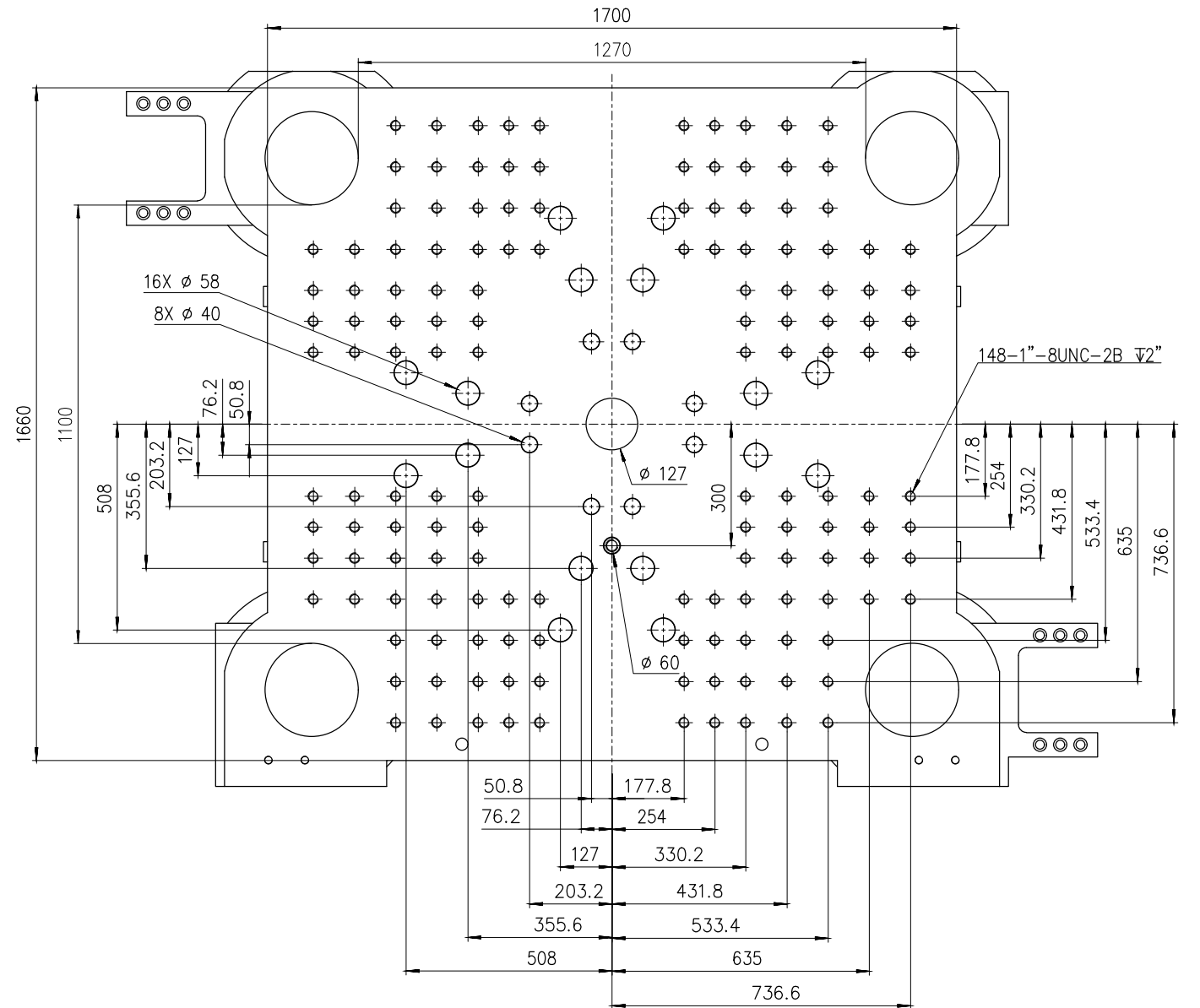
Other		
Pump Motor Power	kW	105
Heater Power	kW	54
Machine Dimension (LxWxH)	m	9.22×3.28×3.06
	in.	363×129×120
Machine Weight	t	41
	lbs.	90390
Hopper Capacity	kg	100
	lbs.	220
Oil Tank	l	510
	gal	135

***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
T: +1 508-792-4305
www.absolutehaitian.com

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:

PLEASE READ:

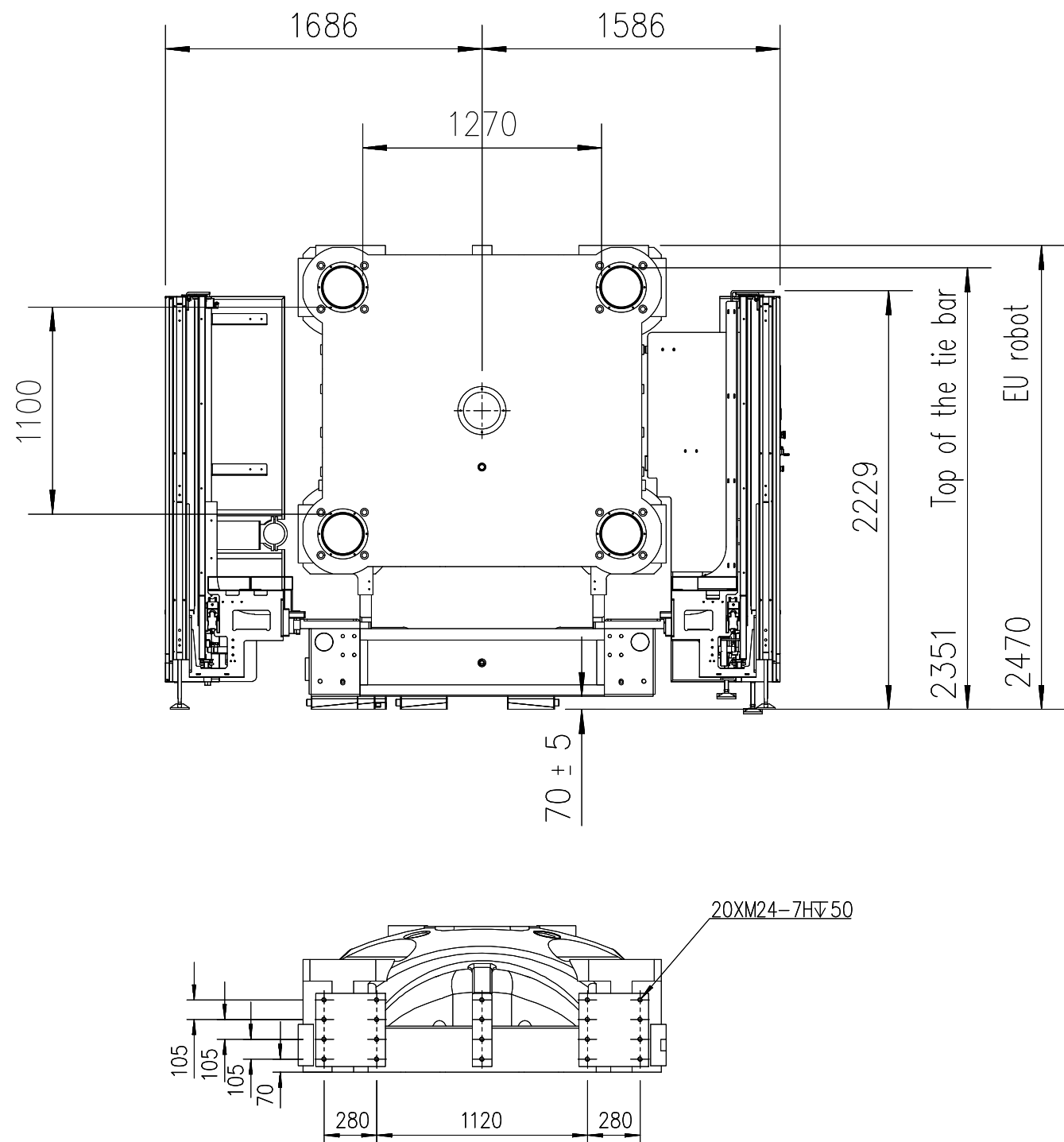
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

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.	
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