

Specification



JU7500V-3450

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU7500V
Clamping Force	kN	7500
	US Tons	843
Mold Opening Stroke (Min/Max)	mm	1400/900
	in.	55.12/35.43
Minimum Mold Height	mm	450
	in.	17.72
Maximum Mold Height	mm	950
	in.	37.4
Maximum Daylight	mm	1850
	in.	72.83
Distance Between Tie-Bars (HXV)	mm	1120×960
	in.	44.09×37.8
Platen Dimensions (HXV)	mm	1520×1440
	in.	59.84×56.69
Ejector Stroke	mm	300
	in.	11.81
Ejector Force	kN	195
	US Tons	22
Maximum Mold Weight*	t	11
	lbs.	24251

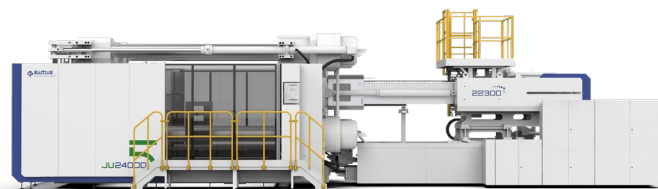
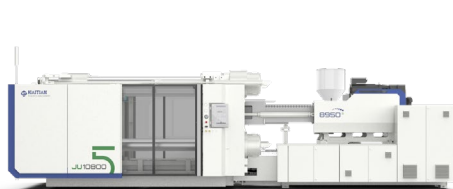
Specification



JU7500V-3450

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		3450		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	70	80	85
	in.	2.76	3.15	3.35
Screw L/D Ratio	L/D	22.9	20	19.1
Injection Volume (theoretical)	cm ³	1423	1859	2099
	cu.in.	86.84	113.44	128.09
Injection Weight (PS)	g	1295	1692	1910
	oz.	45.68	59.68	67.37
Injection Rate (PS)	g/s	457	597	674
	oz./s	16.12	21.06	23.77
Injection Pressure	MPa	208	159	141
	psi	30168	23061	20450
Injection Pressure (max)*	MPa	239	183	162
	psi	34664	26542	23496
Plasticizing Rate (GPPS)	g/s	69.8	92	101
	oz./s	2.46	3.25	3.56
Plasticizing Rate (HDPE)	g/s	105.1	141.5	159.7
	oz./s	3.71	4.99	5.63
Screw Speed	rpm	220	220	220



Absolute Haitian Corporation • 33 Southgate St. Worcester, MA 01610
508-459-5372 • absolutehaitian.com

Specifications subject to change without notice



Rev 2 7/9/2024

Specification



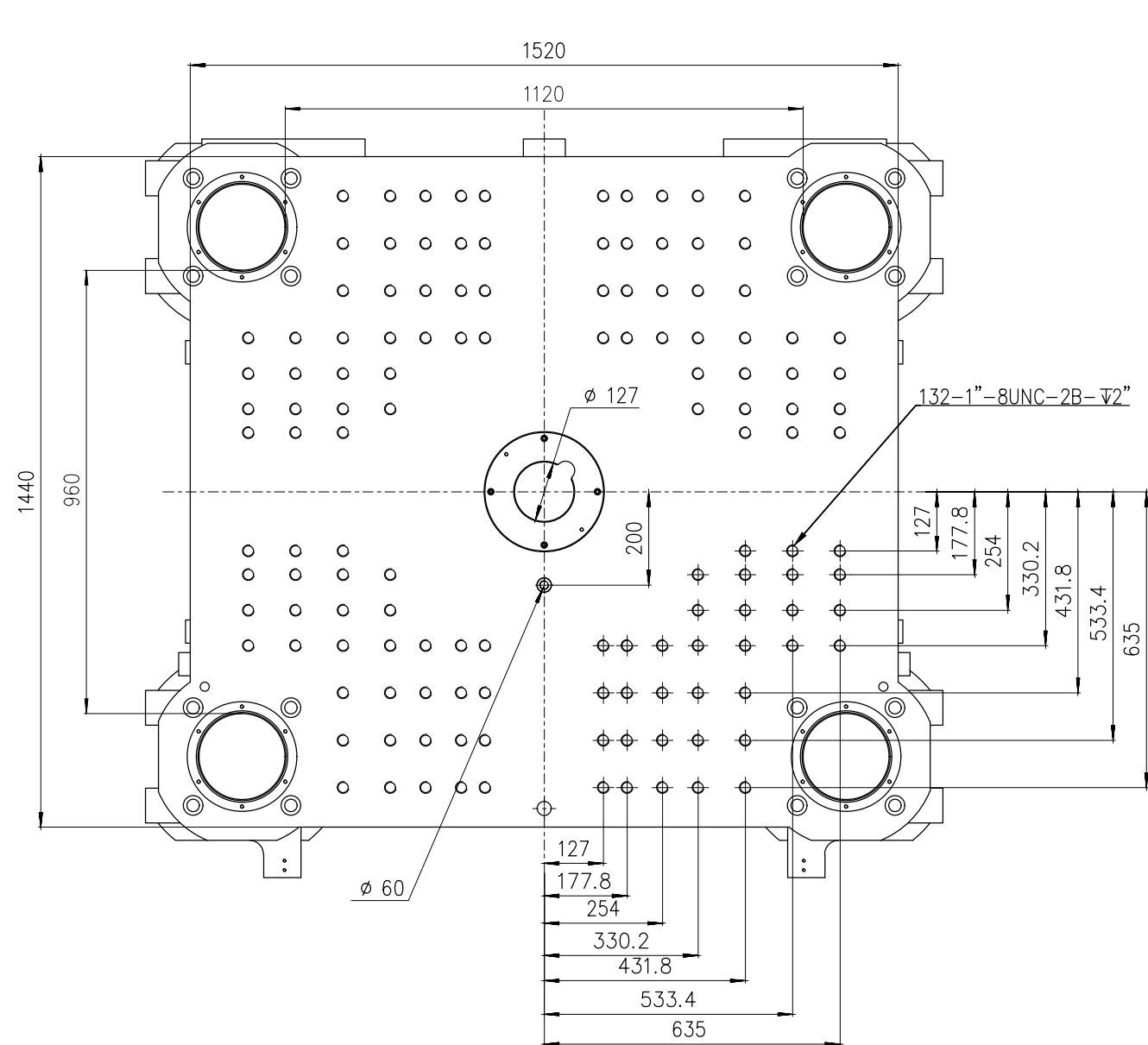
JU7500V-3450

JUPITER 5 Series: Two-Platen Servo-Hydraulic

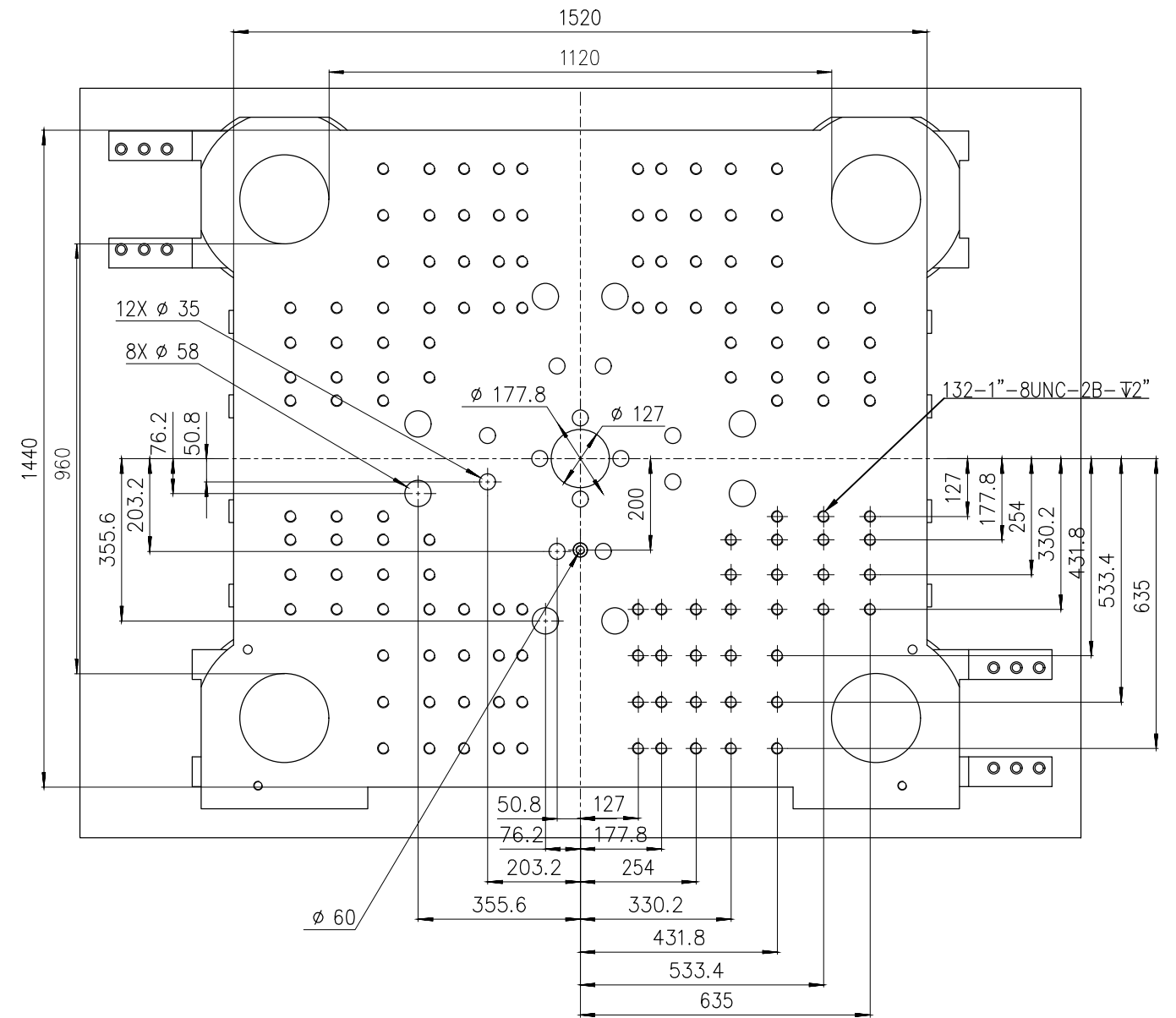
Other		
Pump Motor Power	kW	75
Heater Power	kW	39
Machine Dimension (LxWxH)	m	7.86×2.76×2.55
	in.	309×109×100
Machine Weight	t	27
	lbs.	59525
Hopper Capacity	kg	50
	lbs.	110
Oil Tank	l	430
	gal	114

***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 7500 Fixed & Moving Platens Drawing

Machine Model: JUV 7500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2023

Chkd By: LEON XIE

Date: 1/9/2023

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:

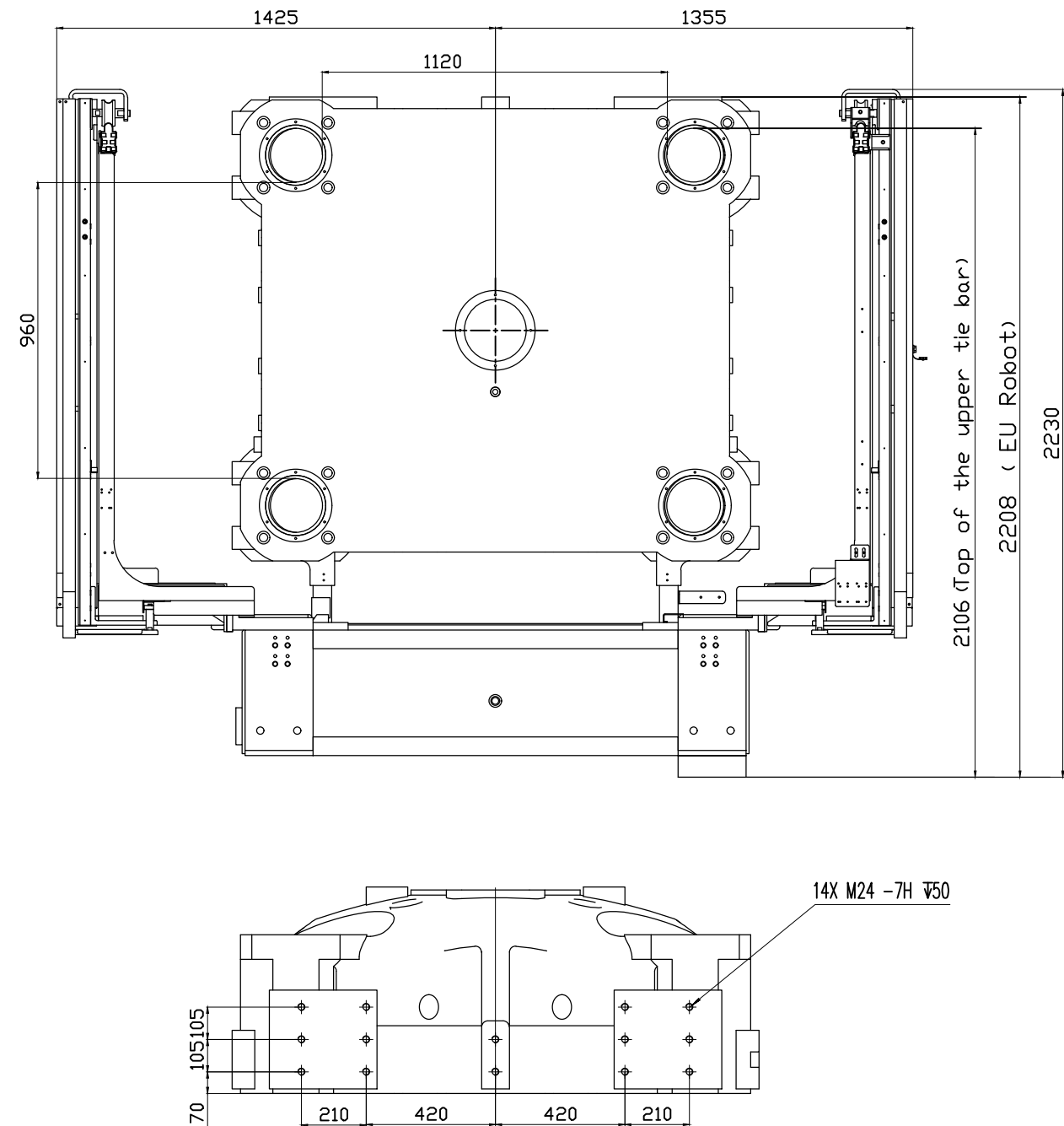
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 7500-5350 Robot Mounting Drawing

Machine Model: JU V 7500-5350

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

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

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: