

# Specification



## ZE11000V-3350

ZERES 5 Series: Electric with Integrated Hydraulics



Clamping Unit		ZE11000 V
Clamping Force	kN	11000
	US Tons	1236
Mold Opening Stroke	mm	1300
	in.	51.18
Minimum Mold Height	mm	500
	in.	19.69
Maximum Mold Height	mm	1200
	in.	47.24
Maximum Daylight	mm	2500
	in.	98.43
Distance Between Tie-Bars (HXV)	mm	1320x1320
	in.	51.97x51.97
Platen Dimensions (HXV)	mm	1750x1750
	in.	68.9x68.9
Minimum Mold Size	mm	870x870
	in.	34.25x34.25
Ejector Stroke	mm	200
	in.	7.87
Ejector Force	kN	230
	US Tons	26

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Injection Unit		3350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	75	80	90
	in.	2.95	3.15	3.54
Screw L/D Ratio	L/D	21.3	20	17.8
Injection Volume (Theoretical)	cm <sup>3</sup>	1634	1859	2353
	cu.in.	99.71	113.44	143.59
Injection Weight (PS)	g	1487	1692	2141
	oz.	52.45	59.68	75.52
Injection Pressure	MPa	205	180	142
	psi	29733	26107	20595
Holding Pressure	MPa	185	162	128
	psi	26832	23496	18565
Screw Speed	rpm	220	220	220
Plasticizing Rate (GPPS)	g/s	70	92	105
	oz./s	2.47	3.25	3.70
Nozzle Contact Force	kN	85	85	85
	US Tons	10	10	10
Injection Unit		3350		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	617	702	889
	oz./s	21.76	24.76	31.36

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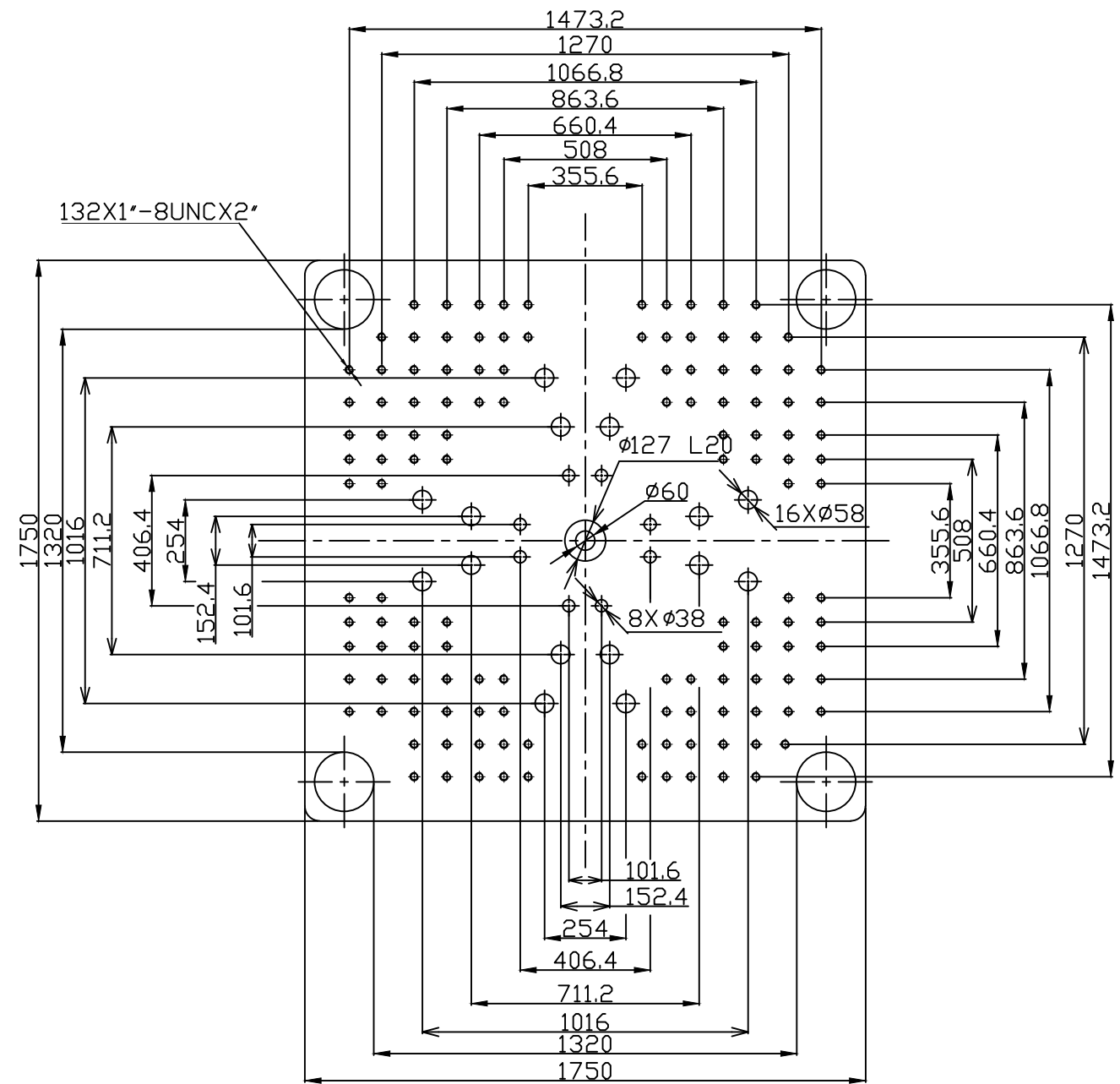
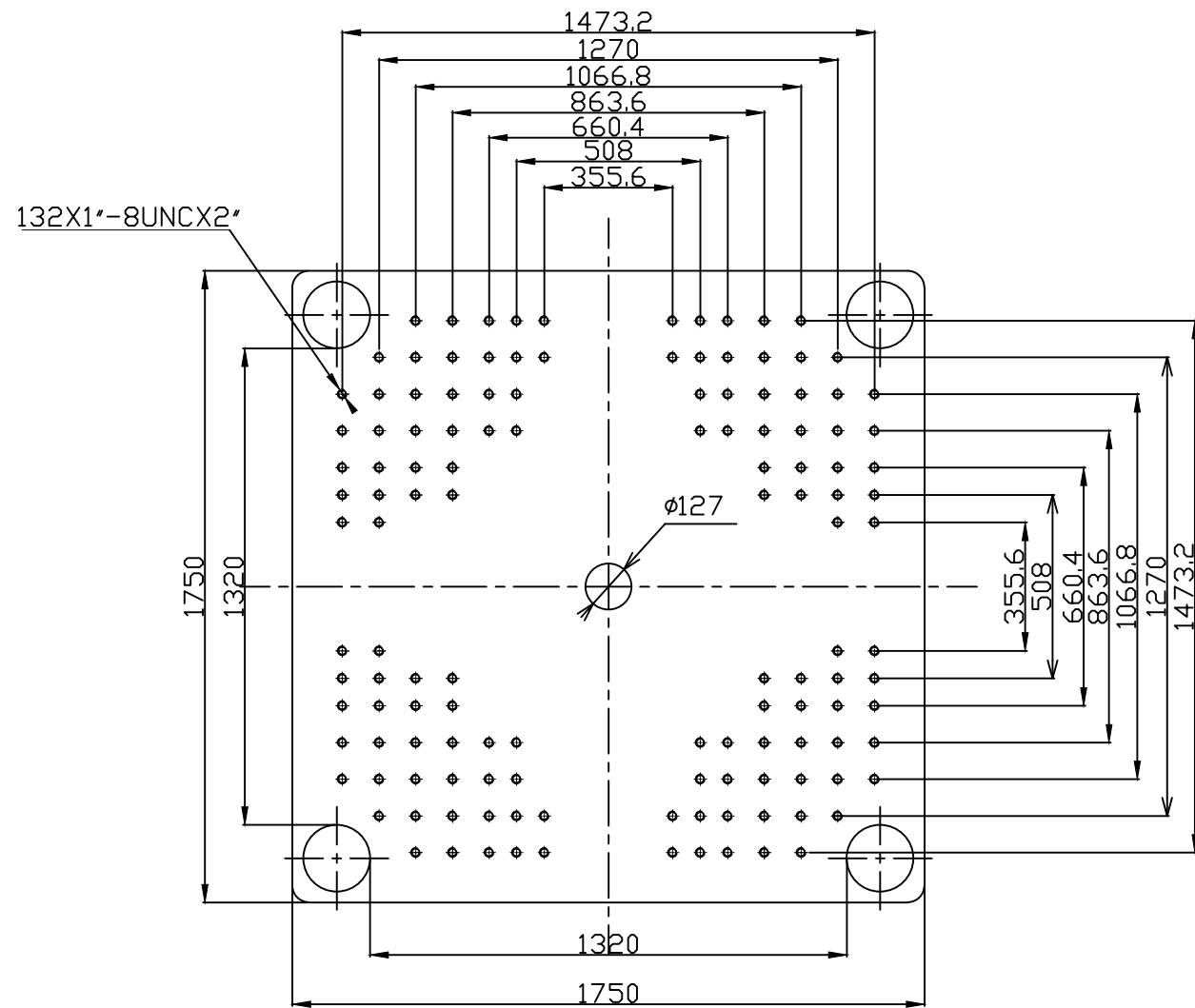
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Other		
Connection Power	kW/A	83/138
Heating Power	kW	42.6
Machine Dimension	m	12.27x2.82x2.76
	in.	483x111x109
Machine Weight	t	56.5
	lbs.	124561
Hopper Capacity	l	100
	gal	26
Oil Pressure	MPa	21
	psi	3046
Oil Flow	l/min	248
	gal/min	66
Oil Tank	l	431
	gal	114

**\*NOTE:**

1. 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.
2. 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.



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

Title: ZE V 11000 Fixed & Moving Platens Drawing

Machine Model: ZE V 11000  
 Machine Serial Number:  
 Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry Date: 5/30/2024  
 Chkd By: LEON XIE Date: 5/30/2024

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:	

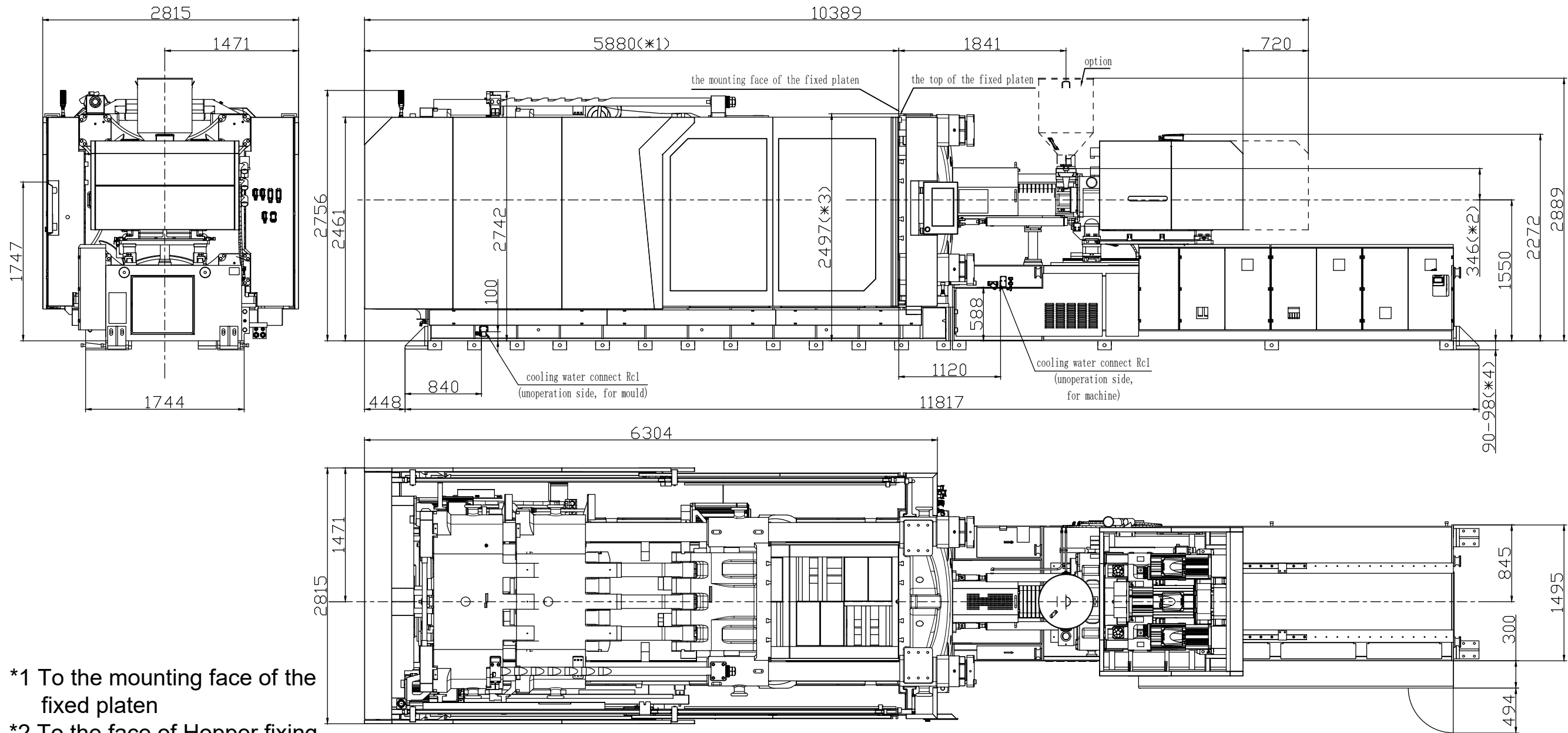
PLEASE READ:

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:



- \*1 To the mounting face of the fixed platen
- \*2 To the face of Hopper fixing platform
- \*3 To the top of the fixed platen
- \*4 Vibration dumping support



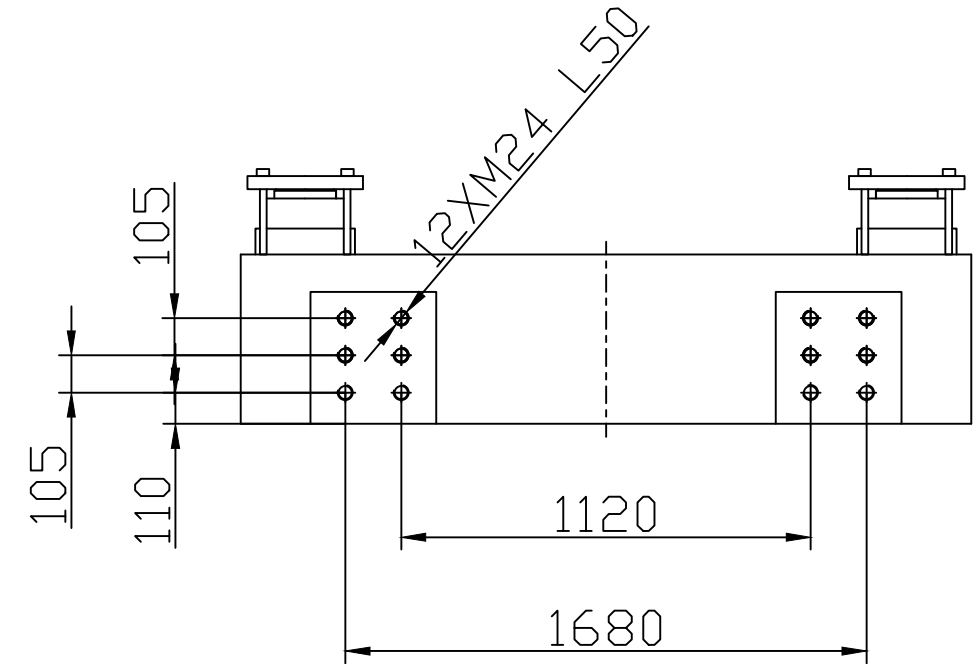
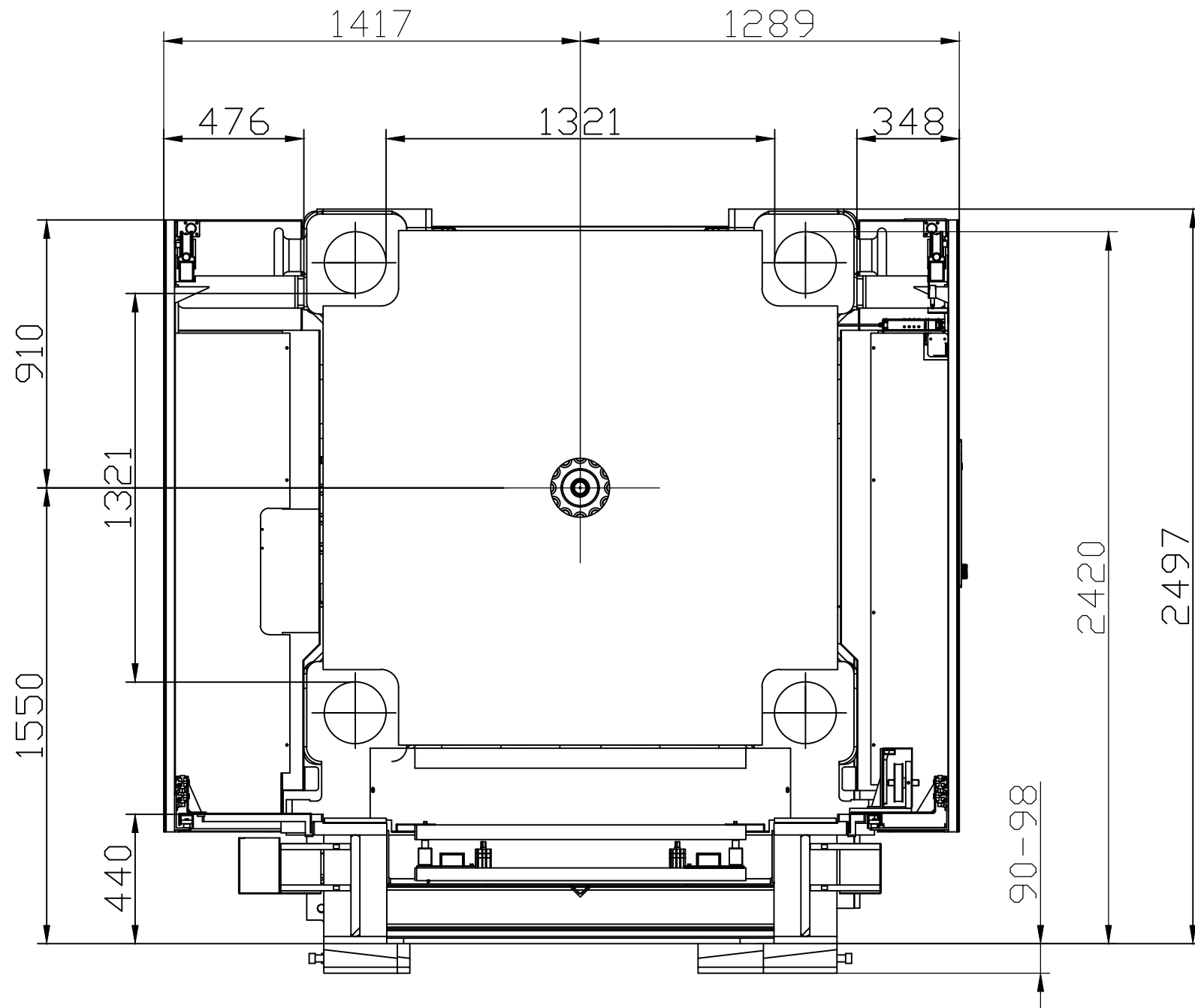
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Title: ZE V 11000-3350 Layout Drawing			Sheet: 1 of 1	
Machine Model: ZE V 11000-3350			Drawn By: Harry	Date: 3/22/2024
Machine Serial Number:			Chkd By: LEON XIE	Date: 3/22/2024
Machine Tonnage:			NOT TO SCALE	Size: 11 X 17 "B"
Revision	Date:	Drawing #: Layout	Units: mm / [in]	
Rev #: 1			Material:	
Rev #: 2			Part:	
Rev #: 3			Part:	
Rev #: 4			Part:	
Rev #: 5			Part:	

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Customer: \_\_\_\_\_ Customer Approval: \_\_\_\_\_  
Authorized Signature

Notes:



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Title: ZE V 11000 Robot Mounting Drawing

Machine Model: ZE V 11000  
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:

PLEASE READ:

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Customer:

Customer Approval:  
Authorized Signature

Notes: