

Specification



ZE10000V-6700

ZERES 5 Series: Electric with Integrated Hydraulics



Clamping Unit		ZE10000 V
Clamping Force	kN	10000
	US Tons	1124
Mold Opening Stroke	mm	1200
	in.	47.24
Minimum Mold Height	mm	450
	in.	17.72
Maximum Mold Height	mm	1100
	in.	43.31
Maximum Daylight	mm	2300
	in.	90.55
Distance Between Tie-Bars (HXV)	mm	1160x1160
	in.	45.67x45.67
Platen Dimensions (HXV)	mm	1590x1590
	in.	62.6x62.6
Minimum Mold Size	mm	770x770
	in.	30.31x30.31
Ejector Stroke	mm	200
	in.	7.87
Ejector Force	kN	230
	US Tons	26

Specification



ZE10000V-6700

ZERES 5 Series: Electric with Integrated Hydraulics

Injection Unit		6700		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	90	100	110
	in.	3.54	3.94	4.33
Screw L/D Ratio	L/D	24.4	22	20
Injection Volume (Theoretical)	cm ³	2989	3691	4466
	cu.in.	182.40	225.24	272.53
Injection Weight (PS)	g	2720	3359	4064
	oz.	95.95	118.49	143.35
Injection Pressure	MPa	222	180	149
	psi	32198	26107	21611
Holding Pressure	MPa	200	162	133
	psi	29008	23496	19290
Screw Speed	rpm	170	170	170
Plasticizing Rate (GPPS)	g/s	103	127	150
	oz./s	3.63	4.48	5.29
Nozzle Contact Force	kN	85	85	85
	US Tons	10	10	10
Injection Unit		6700		
Injection Speed	mm/s	150		
	in./s	5.91		
Injection Rate (PS)	g/s	833	1029	1245
	oz./s	29.38	36.30	43.92

Specification



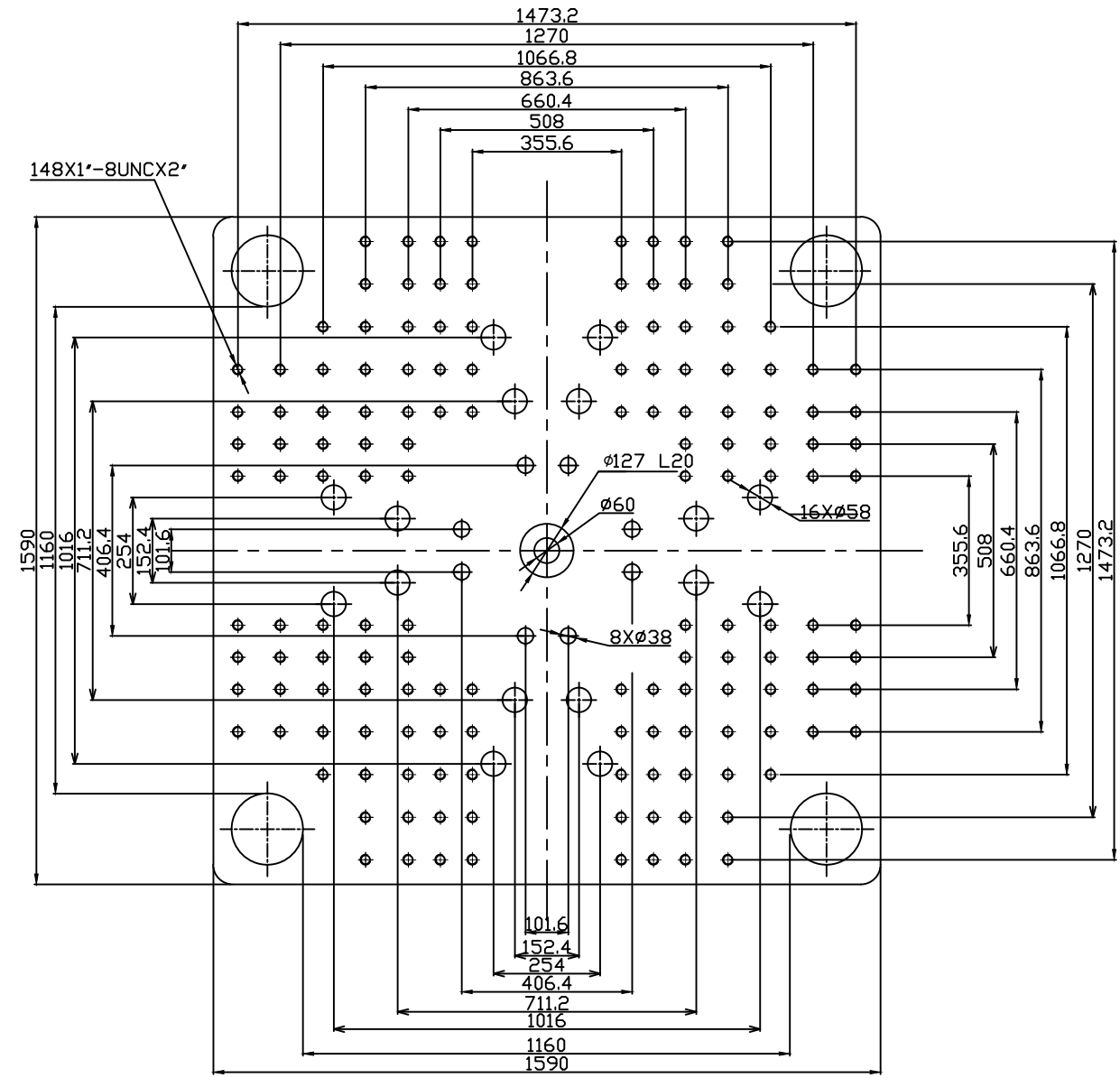
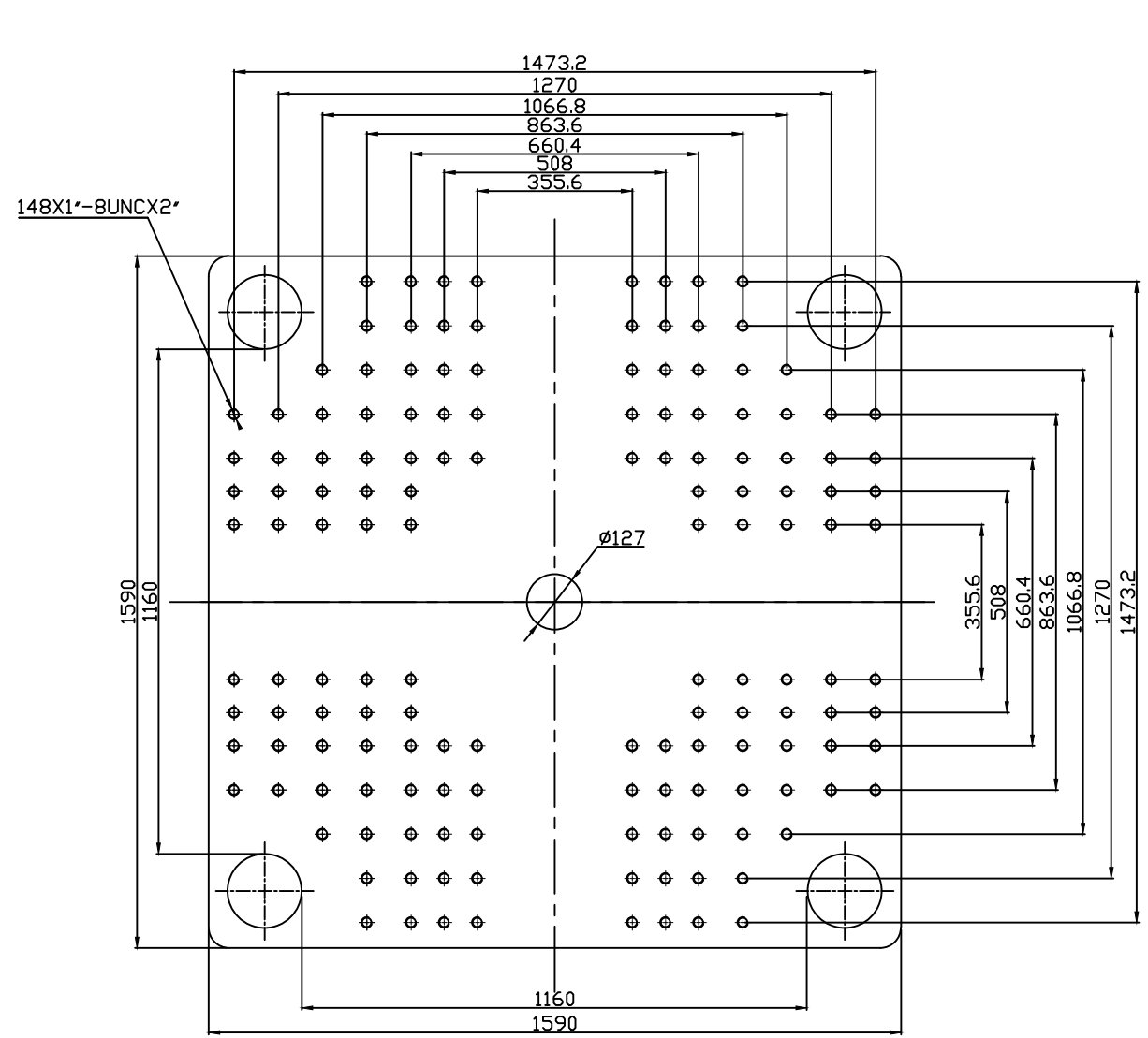
ZE10000V-6700

ZERES 5 Series: Electric with Integrated Hydraulics

Other		
Connection Power	kW/A	126/211
Heating Power	kW	75.6
Machine Dimension	m in.	11.17x2.49x2.67 440x98x105
Machine Weight	t lbs.	56.26 124032
Hopper Capacity	l gal	100 26
Oil Pressure	MPa psi	21 3046
Oil Flow	l/min gal/min	248 66
Oil Tank	l gal	411 109

***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.



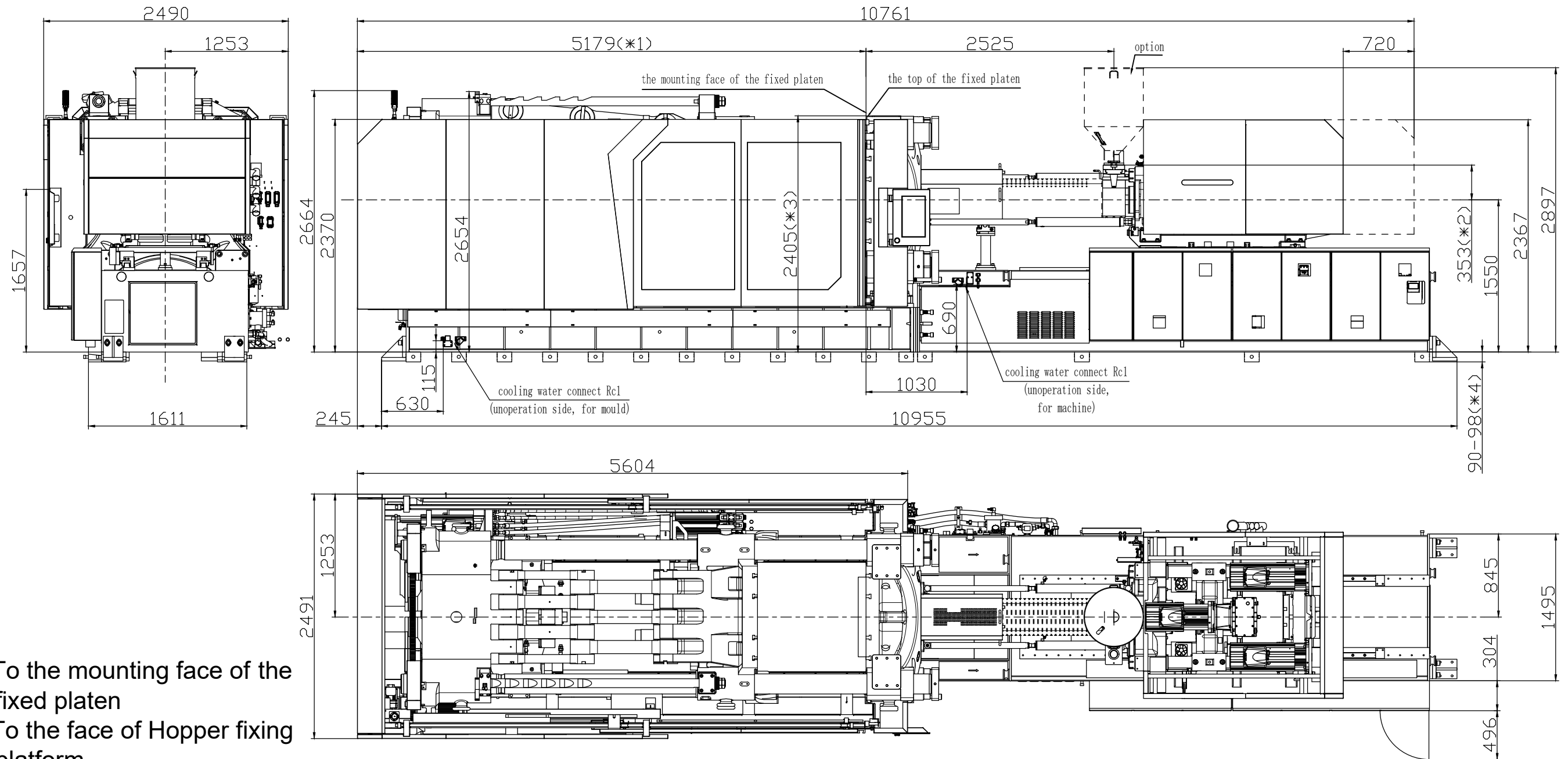
Absolute Haitian Corporation
 33 Southgate St. Worcester, MA
 T: +1 508-792-4305
 www.absolutehaitian.com

Title: ZE V 10000 Fixed & Moving Platens Drawing			Sheet: 1 of 1	
Machine Model: ZE V 10000			Drawn By: Harry	Date: 5/30/2024
Machine Serial Number:			Chkd By: LEON XIE	Date: 5/30/2024
Machine Tonnage:			NOT TO SCALE	Size: 11 X 17 "B"
Revision	Date:	Drawing #:	Units: mm / [in]	
Rev #: 1				
Rev #: 2				
Rev #: 3			Material:	
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.

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



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

Title: ZE V 10000-6700 Layout Drawing

Machine Model: ZE V 10000-6700
 Machine Serial Number:
 Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry	Date: 3/22/2024
Chkd By: LEON XIE	Date: 3/22/2024
NOT TO SCALE	Size: 11 X 17 "B"

Revision	Date:	Drawing #: Layout
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

Units: mm / [in]
 Material:
 Part:
 Part:
 Part:
 Part:

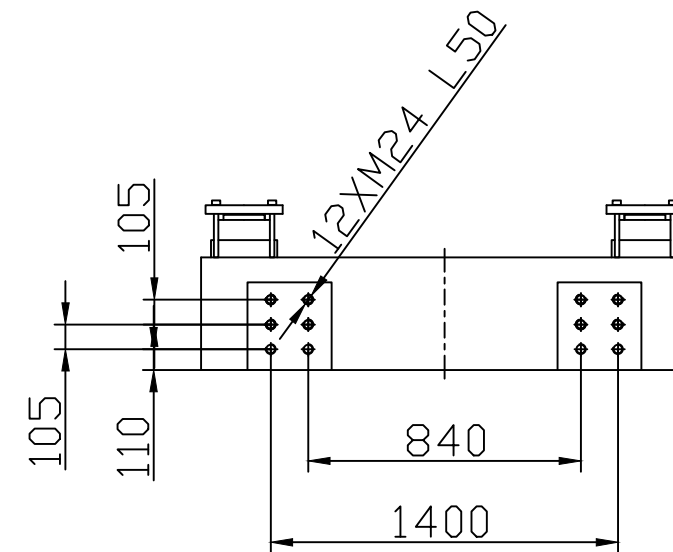
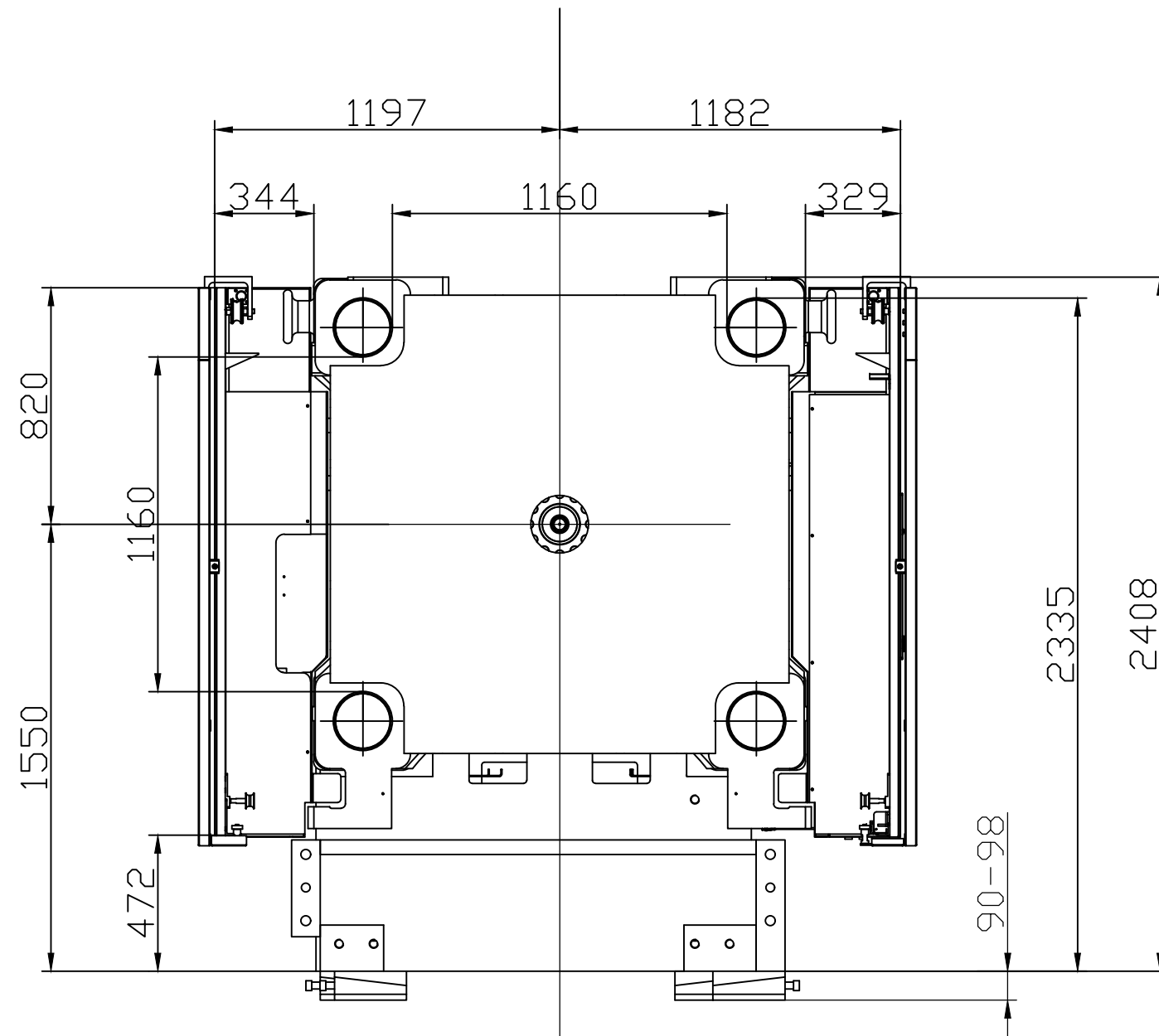
PLEASE READ:

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:



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

Title: ZE V 10000 Robot Mounting Drawing			
Machine Model: ZE V 10000		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	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.

Customer:

Customer Approval:
 Authorized Signature

Notes: