

Specification



ZE3600V-2250

ZERES 5 Series: Electric with Integrated Hydraulics



Clamping Unit		ZE3600 V
Clamping Force	kN	3600
	US Tons	405
Mold Opening Stroke	mm	730
	in.	28.74
Minimum Mold Height	mm	320
	in.	12.6
Maximum Mold Height	mm	710
	in.	27.95
Maximum Daylight	mm	1440
	in.	56.69
Distance Between Tie-Bars (HXV)	mm	820x820
	in.	32.28x32.28
Platen Dimensions (HXV)	mm	1140x1140
	in.	44.88x44.88
Minimum Mold Size	mm	540x540
	in.	21.26x21.26
Ejector Stroke	mm	160
	in.	6.3
Ejector Force	kN	68.6
	US Tons	8

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Injection Unit		2250		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	65	70	80
	in.	2.56	2.76	3.15
Screw L/D Ratio	L/D	21.5	20	17.5
Injection Volume (Theoretical)	cm ³	1068	1239	1618
	cu.in.	65.17	75.61	98.74
Injection Weight (PS)	g	972	1127	1472
	oz.	34.29	39.75	51.92
Injection Pressure	MPa	210	180	138
	psi	30458	26107	20015
Holding Pressure	MPa	190	162	124
	psi	27557	23496	17985
Screw Speed	rpm	240	240	240
Plasticizing Rate (GPPS)	g/s	62	71	88
	oz./s	2.19	2.50	3.10
Nozzle Contact Force	kN	85	85	85
	US Tons	10	10	10
Injection Unit		2250		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	463	537	702
	oz./s	16.33	18.94	24.76
Injection Unit		2250h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	723	839	1097
	oz./s	25.50	29.59	38.70

Specification



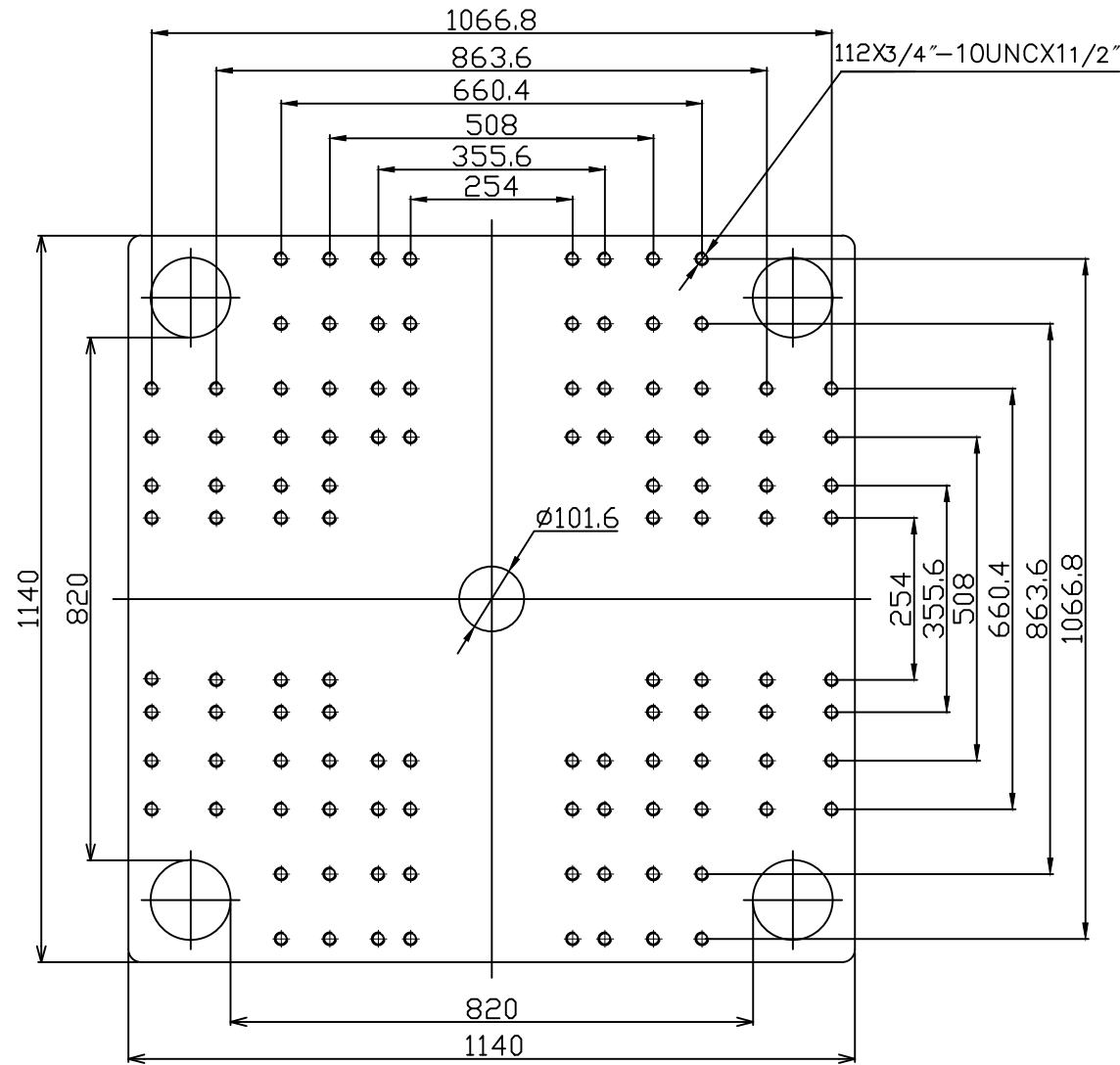
ZE3600V-2250

ZERES 5 Series: Electric with Integrated Hydraulics

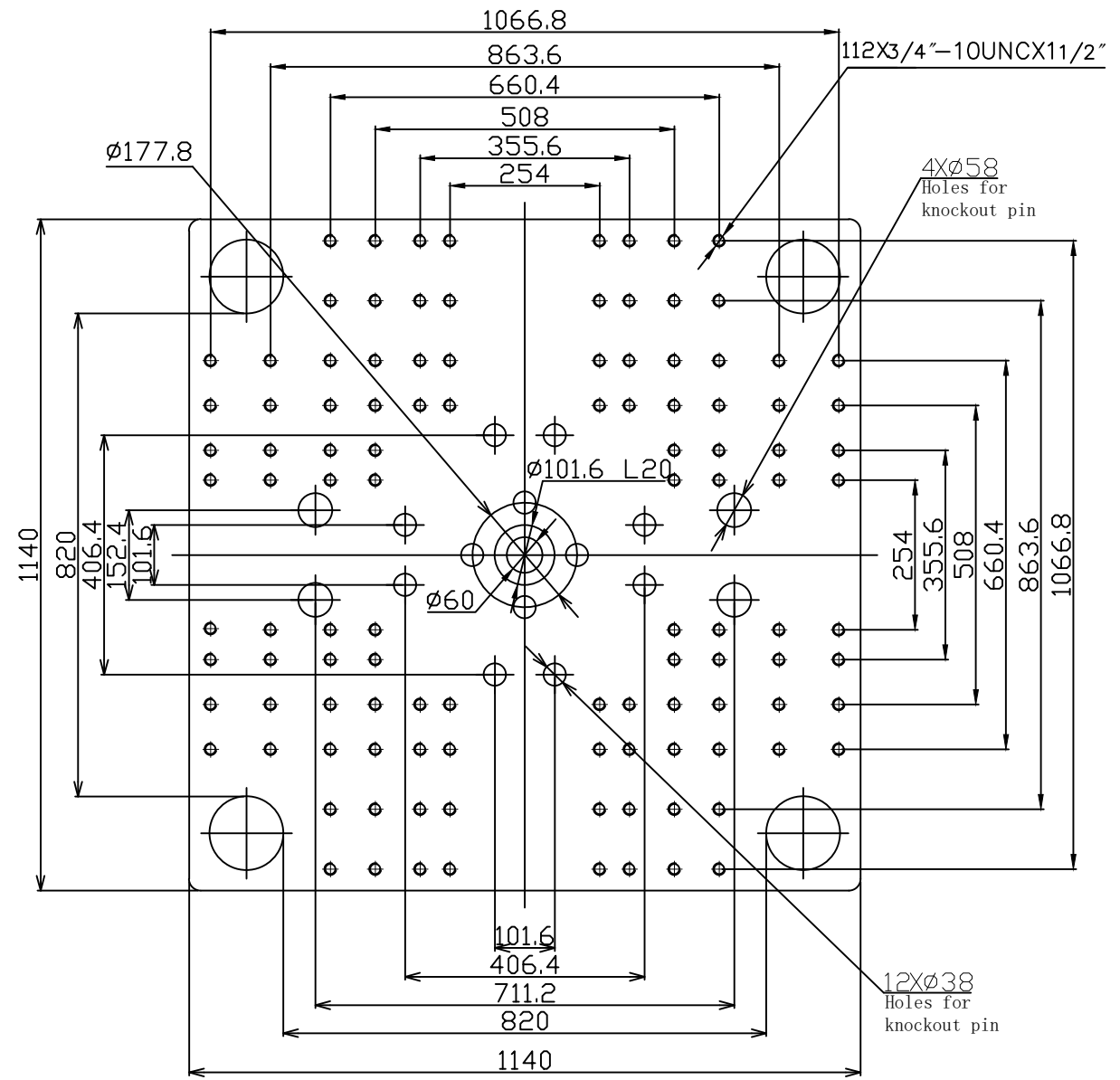
Other		
Connection Power	kW/A	2250:65/109 2250h:89/150
Heating Power	kW	36.1
Machine Dimension	m in.	7.57x1.99x2.48 298x78x98
Machine Weight	t lbs.	18.78 41403
Hopper Capacity	l gal	50 13
Oil Pressure	MPa psi	17.5 2538
Oil Flow	l/min gal/min	90 24
Oil Tank	l gal	126 33

***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.



Fixed Platen



Moving Platen



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

Title: ZE/VEV 3600 Fixed & Moving Platens Drawing

Machine Model: ZE/VEV 3600
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:
Part:

PLEASE READ:

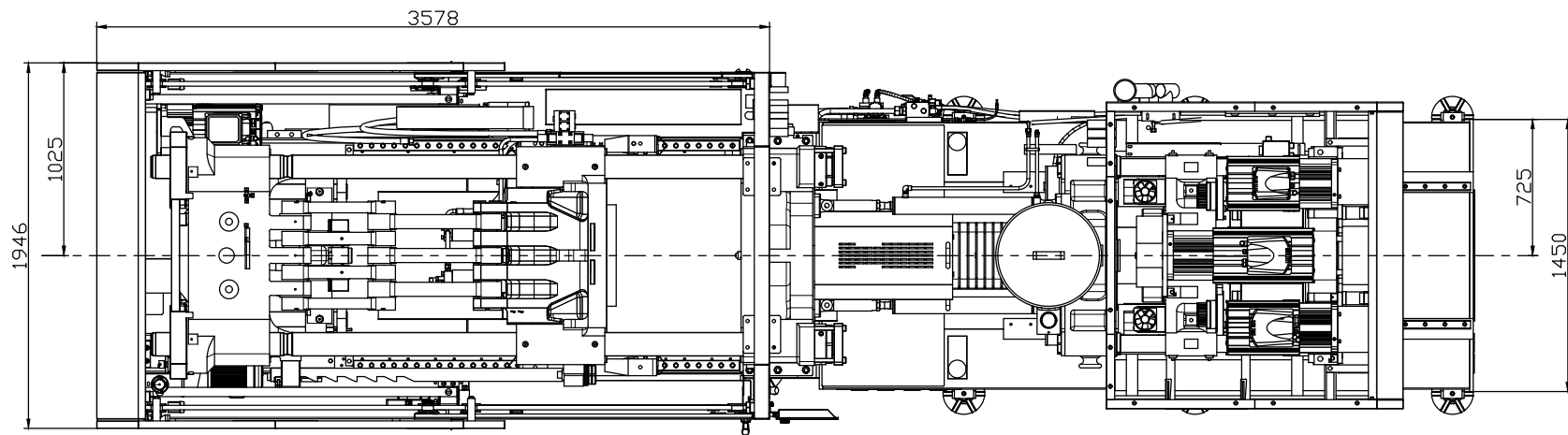
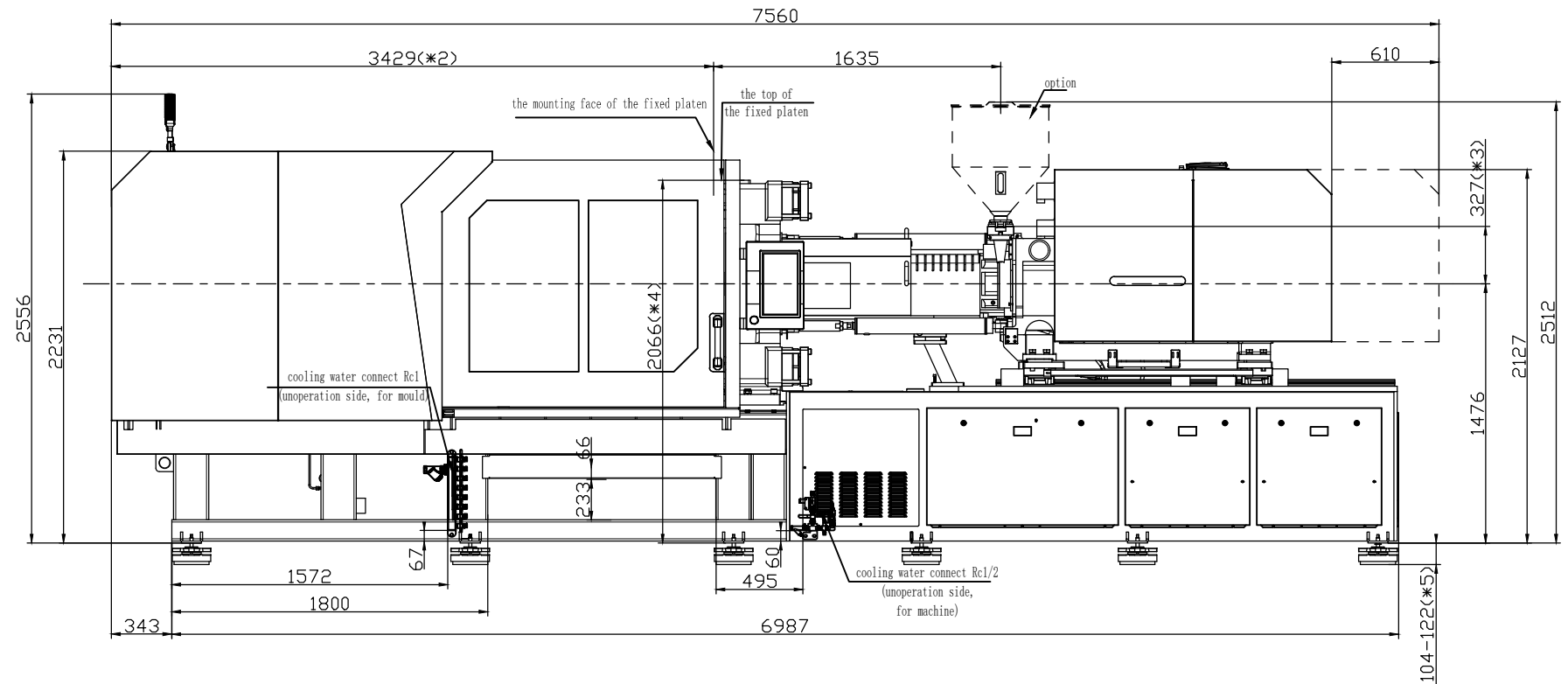
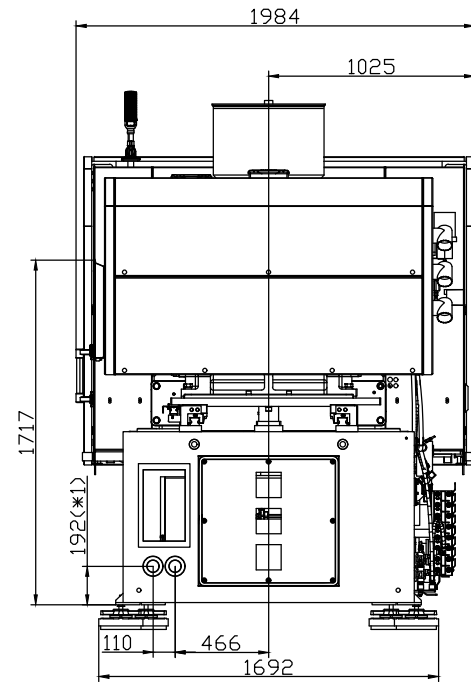
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 Power in
Current and Power Cable are shown
in the Main Power Supply Circuit
- *2 To the mounting face of the
fixed platen
- *3 To the face of Hopper fixing platform
- *4 To the top of the fixed platen
- *5 Vibration dumping support



Absolute Haitian Corporation
33 Southgate St. Worcester, MA
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Title: ZE V 3600-2250 Layout Drawing

Machine Model: ZE V 3600-2250

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:

Part:

PLEASE READ:

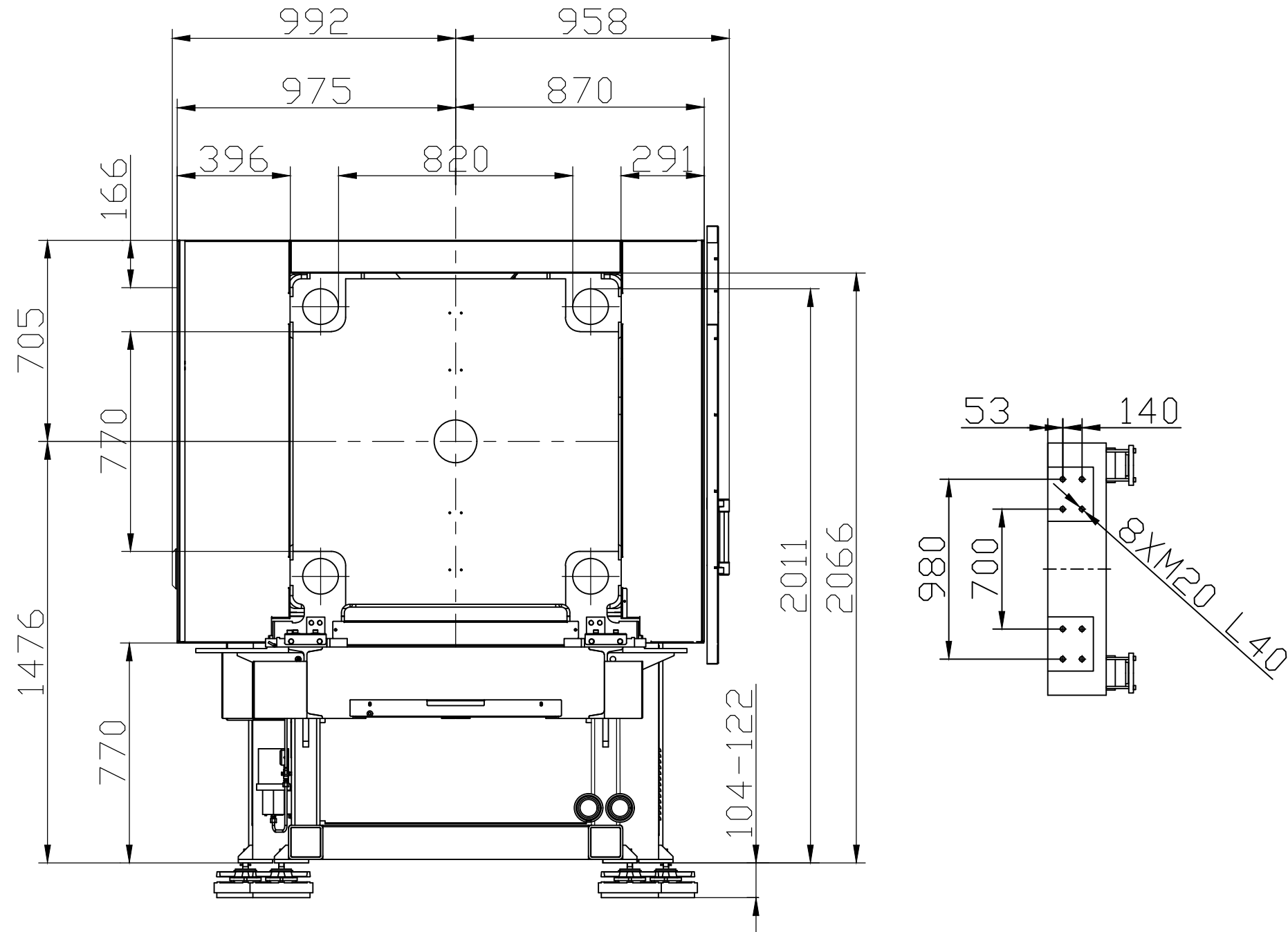
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Customer:

Customer Approval:

Authorized Signature

Notes:



Absolute Haitian Corporation
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 T:+1 508-792-4305
 www.absolutehaitian.com

Title: ZE V 3600-2250 Robot Mounting Drawing			Sheet: 1 of 1	
Machine Model: ZE V 3600-2250			Drawn By: Harry	Date: 4/9/2024
Machine Serial Number:			Chkd By: LEON XIE	Date: 4/9/2024
Machine Tonnage:			NOT TO SCALE	Size: 11 X 17 "B"
Revision	Date:	Drawing #: Robot Mounting	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: