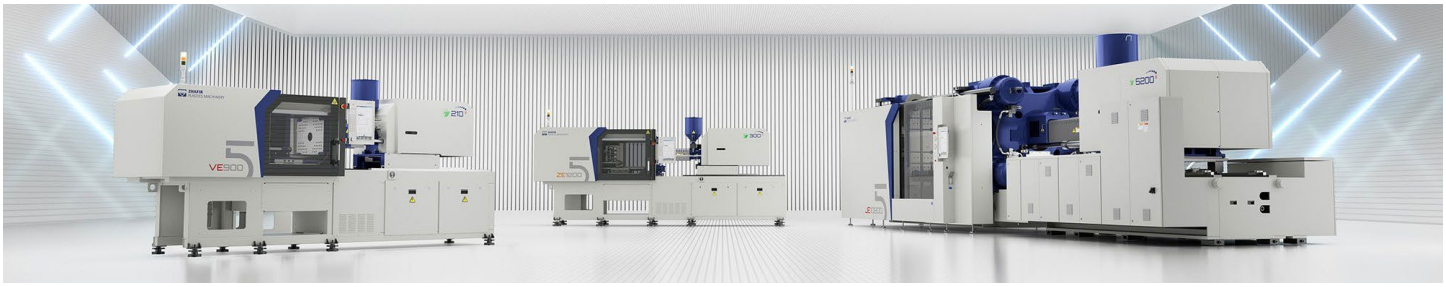
Specification

ZE2300V-1100

ZERES 5 Series: Electric with Integrated Hydraulics



Clamping Unit		ZE2300 V
Clamping Force	kN	2300
	US Tons	259
Mold Opening Stroke	mm	550
	in.	21.65
Minimum Mold Height	mm	220
	in.	8.66
Maximum Mold Height	mm	600
	in.	23.62
Maximum Daylight	mm	1150
	in.	45.28
Distance Between Tie-Bars (HXV)	mm	620x620
	in.	24.41x24.41
Platen Dimensions (HXV)	mm	880x880
	in.	34.65x34.65
Minimum Mold Size	mm	400x400
	in.	15.75x15.75
Ejector Stroke	mm	150
	in.	5.91
Ejector Force	kN	55
	US Tons	6

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Rev 1 8/6/2024

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Injection Unit		1100		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	50	55	60
	in.	1.97	2.17	2.36
Screw L/D Ratio	L/D	22	20	18.3
Injection Volume (Theoretical)	cm3	471	570	678
	cu.in.	28.74	34.78	41.37
Injection Weight (PS)	g	428	518	617
	oz.	15.10	18.27	21.76
Injection Pressure	MPa	218	180	151
	psi	31618	26107	21901
Holding Pressure	MPa	194	160	134
	psi	28137	23206	19435
Screw Speed	rpm	320	320	320
Plasticizing Rate (GPPS)	g/s	52	64	75
	oz./s	1.83	2.26	2.65
Nozzle Contact Force	kN	85	85	85
	US Tons	10	10	10
Injection Unit			1100	
Injection Speed	mm/s		160	
	in./s		6.3	
Injection Rate (PS)	g/s	274	332	395
	oz./s	9.67	11.71	13.93
Injection Unit			1100h	
Injection Speed	mm/s		250	
	in./s		9.84	
Injection Rate (PS)	g/s	428	518	617
	oz./s	15.10	18.27	21.76
Injection Unit			1100hs	
Injection Speed	mm/s		350	
	in./s		13.78	
Injection Rate (PS)	g/s	600	726	864
	oz./s	21.16	25.61	30.48

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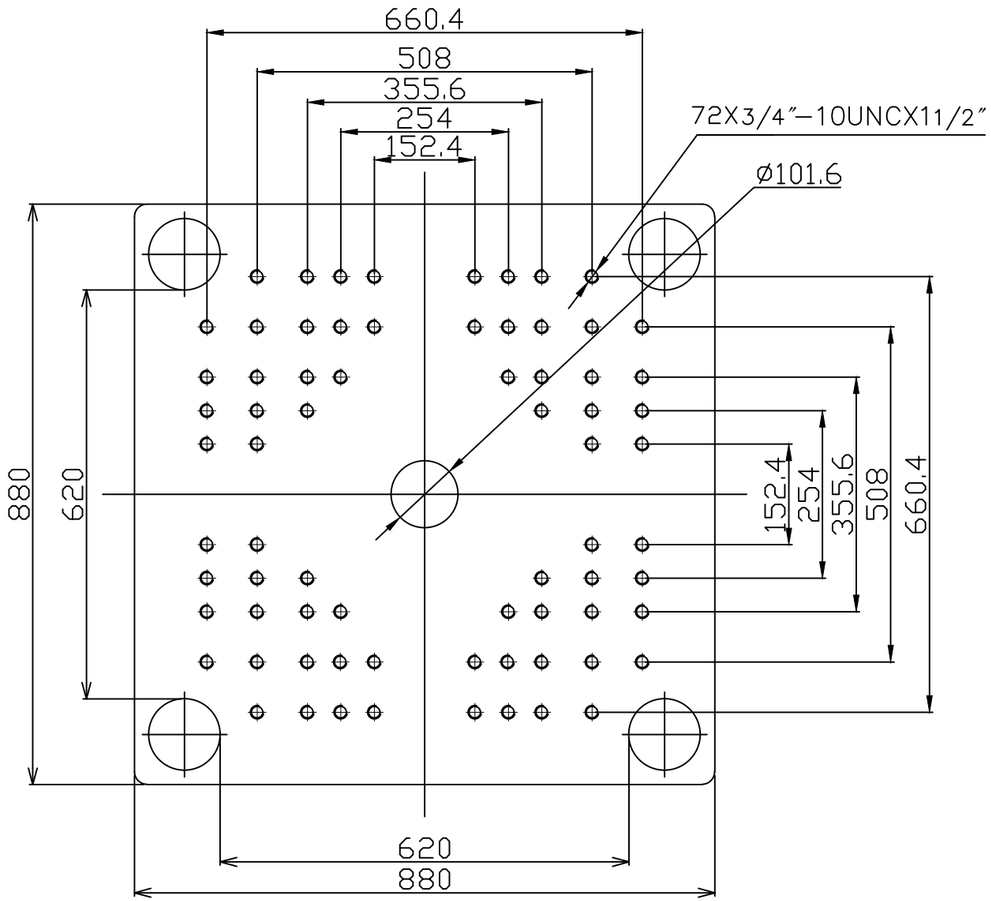
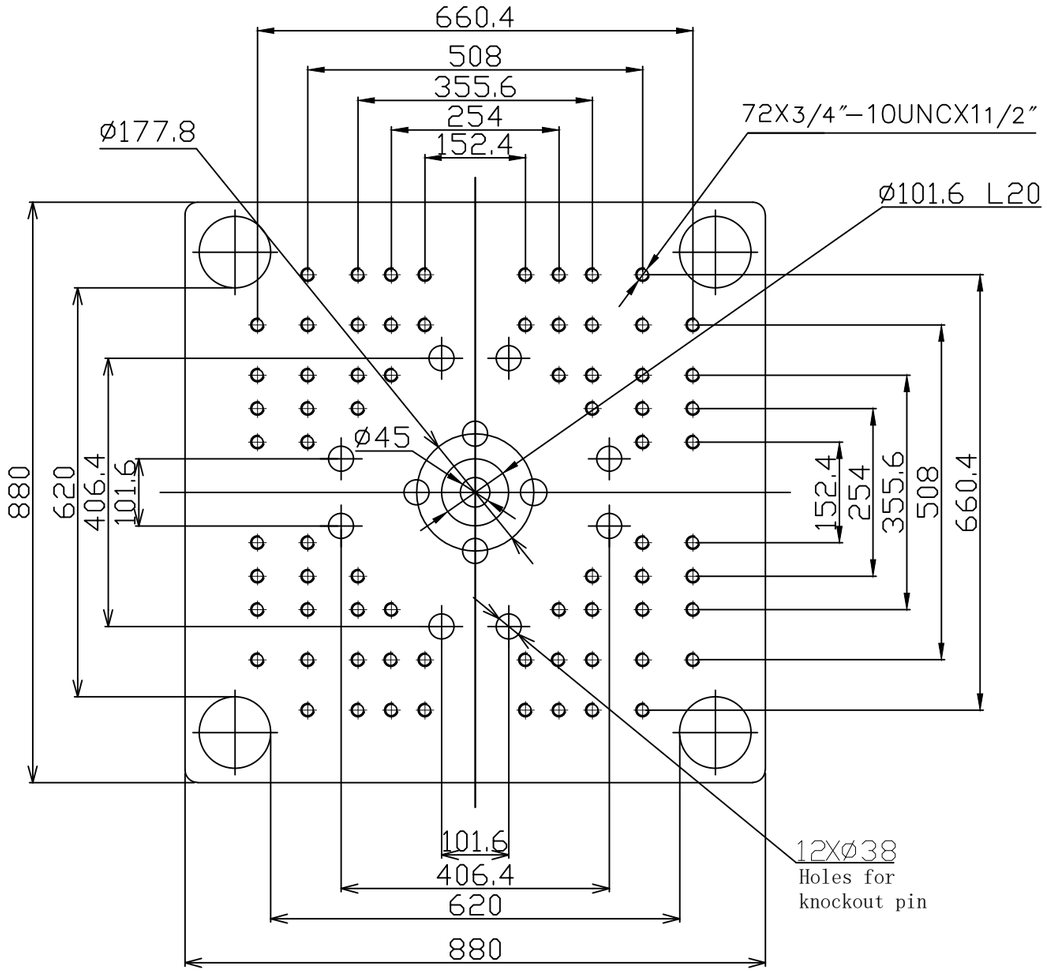
Other		
Connection Power	kW/A	1100:44/74 1100h:44/74 1100hs:69/116
Heating Power	kW	23
Machine Dimension	m	6.71x1.64x2.39
	in.	264x65x94
Machine Weight	t	10.79
	lbs.	23788
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	79
	gal/min	21
Oil Tank	l	104
	gal	27

*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

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Title: ZE/VEV 2300 Fixed & Moving Platens Drawing

Machine Model: ZE/VEV 2300
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1
Drawn By: Harry — **Date: 1/9/2024**
Chkd By:LEON XIE — **Date: 1/9/2024**
NOT TO SCALE — **Size:** 11 X 17 "B"
Units: mm / [in]
Material:
Part:
Part:
Part:
Part:
Part:
Part:

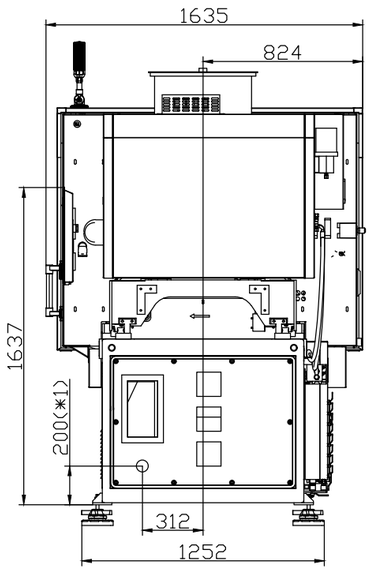
Revision	Date:	Drawing #:
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

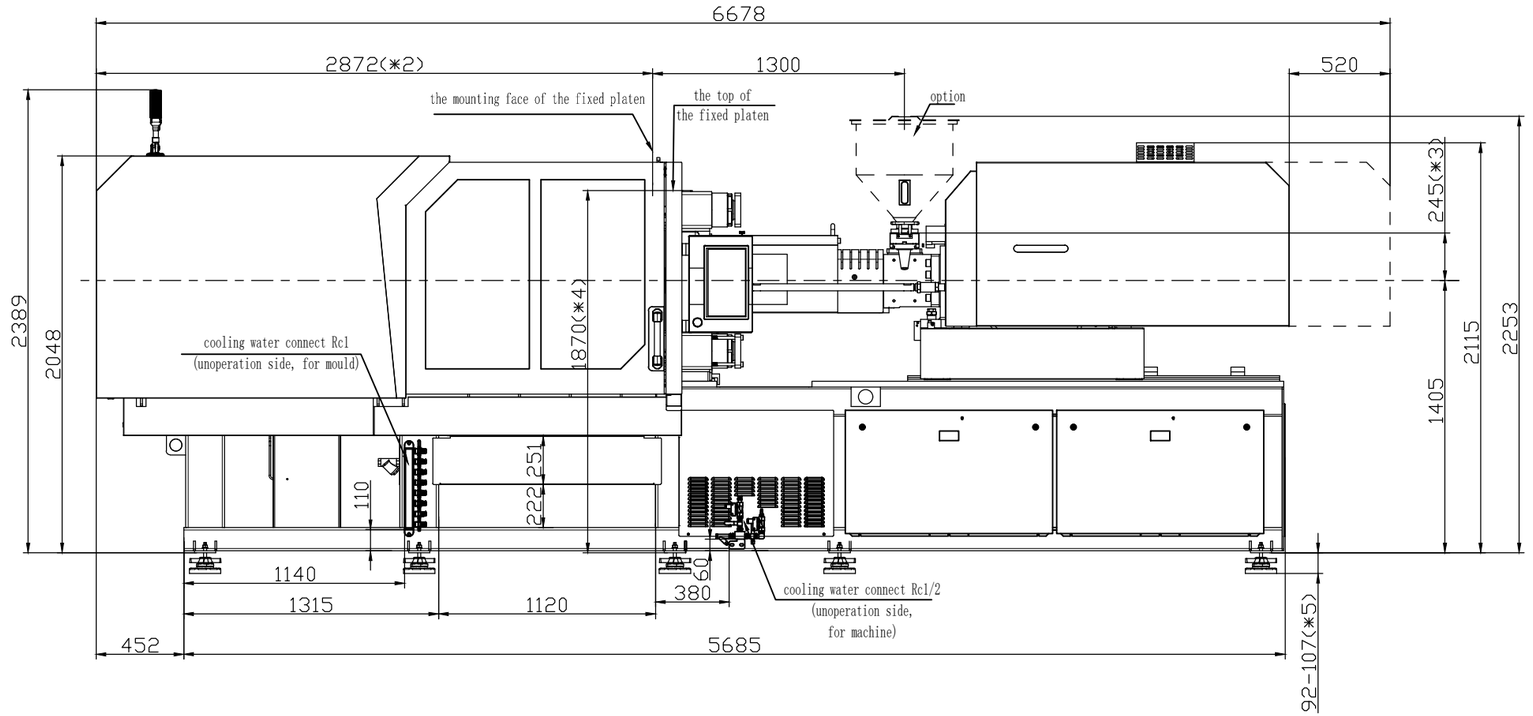
PLEASE READ:
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with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

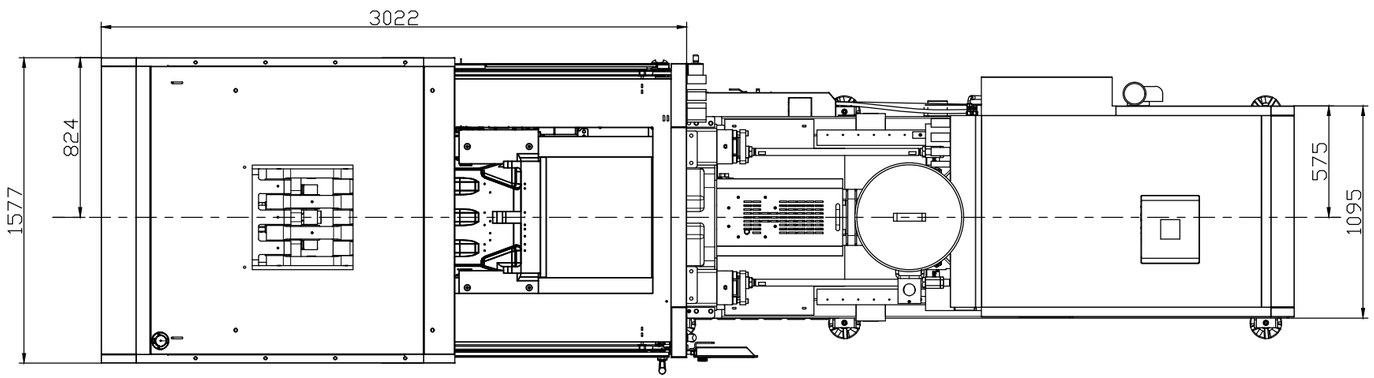
Customer:

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

HAITIAN _ ABSOLUTE

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Title: ZE V 2300-1100 Layout Drawing

Machine Model: ZE V 2300-1100
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1
Drawn By: Harry **Date:** 3/22/2024
Chkd By:LEON XIE **Date:** 3/22/2024

Revision	Date:	**Drawing #: Layout**	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:
				Part:
				Part:
				Part:

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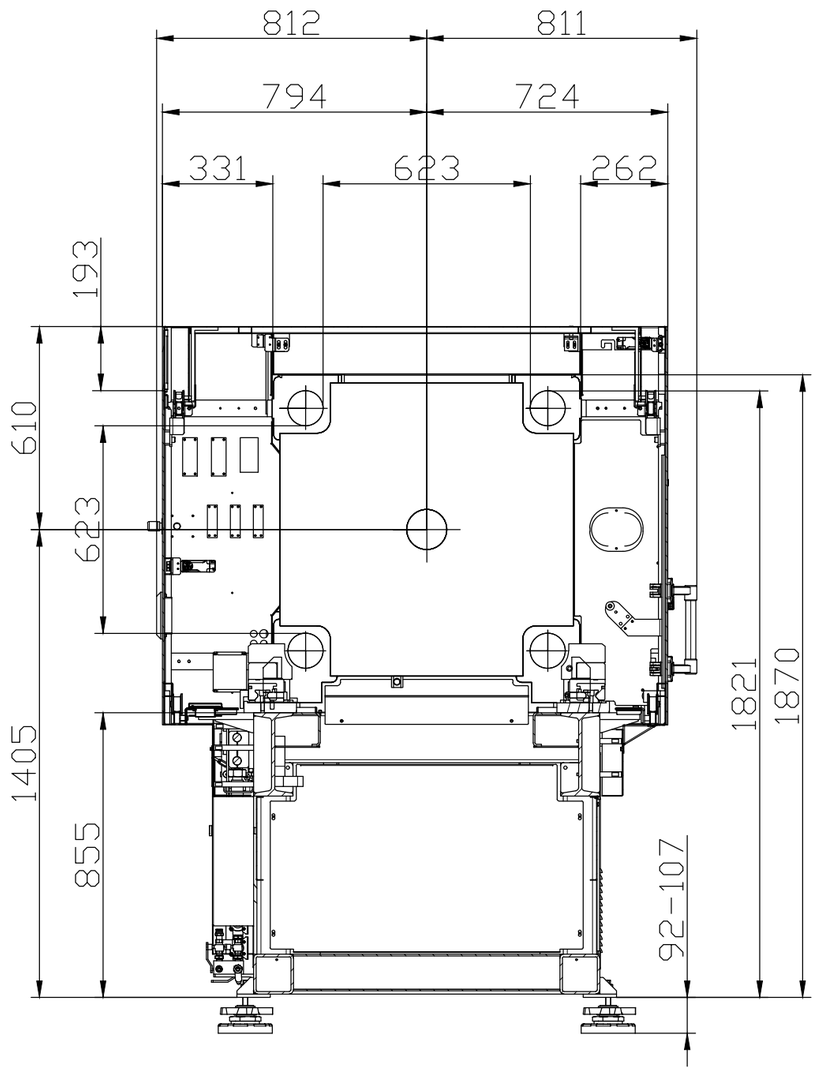
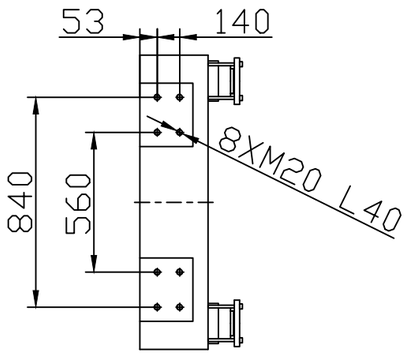
Customer:

Customer Approval:
Authorized Signature

Notes:





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Title: ZE V 2300 Robot Mounting Drawing

Machine Model: ZE V 2300
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				Units: mm / [in]
Rev #: 2				Material:
Rev #: 3				Part:
Rev #: 4				Part:
Rev #: 5				Part:
				Part:
				Part:

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Customer:

Customer Approval:
Authorized Signature

Notes: