

Specification



MA3200V-1700

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA3200V/1700
Clamping Force	kN	3200
	US Tons	360
Mold Opening Stroke (Min/Max)	mm	640
	in.	25.2
Minimum Mold Height	mm	250
	in.	9.84
Maximum Mold Height	mm	680
	in.	26.77
Maximum Daylight	mm	1320
	in.	51.97
Distance Between Tie-Bars (HXV)	mm	680x680
	in.	26.77x26.77
Platen Dimensions (HXV)	mm	990x990
	in.	38.98x38.98
Ejector Stroke	mm	160
	in.	6.3
Ejector Force	kN	62
	US Tons	7

Specification



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Injection Unit		1700		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	60	65	70
	in.	2.36	2.56	2.76
Screw L/D Ratio	L/D	21.7	20	18.6
Injection Volume (theoretical)	cm ³	848	995	1154
	cu.in.	51.75	60.72	70.42
Injection Weight (PS)	g	771	905	1050
	oz.	27.20	31.92	37.04
Injection Rate (PS)	g/s	308	362	420
	oz./s	10.86	12.77	14.82
Injection Pressure	MPa	224	190	164
	psi	32488	27557	23786
Plasticizing Rate (GPPS)	g/s	59.9	66.5	75.5
	oz./s	2.11	2.35	2.66
Screw Speed	rpm	260	260	260



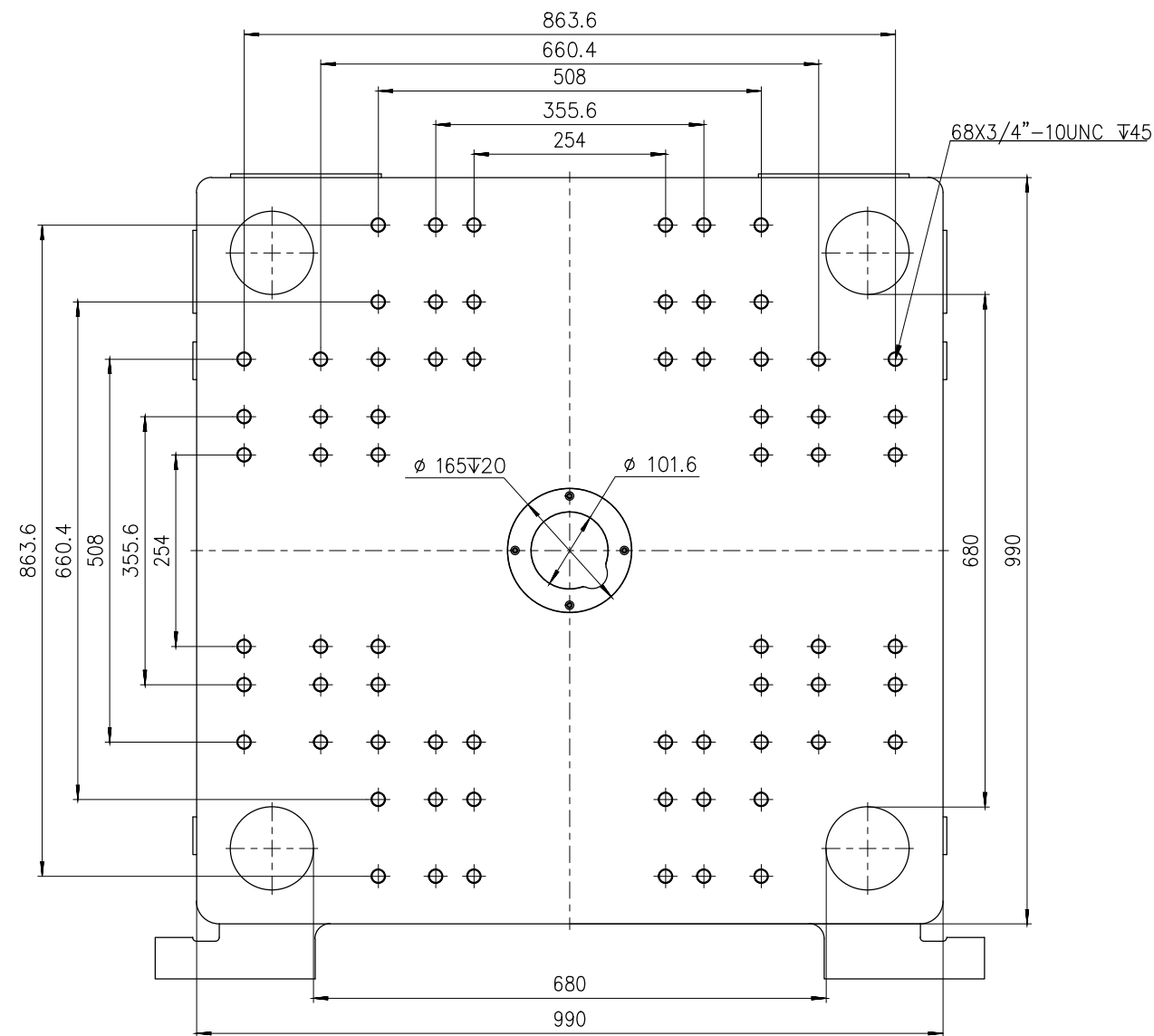
MA3200V-1700

MARS 5 Series: Toggle Clamp Servo-Hydraulic

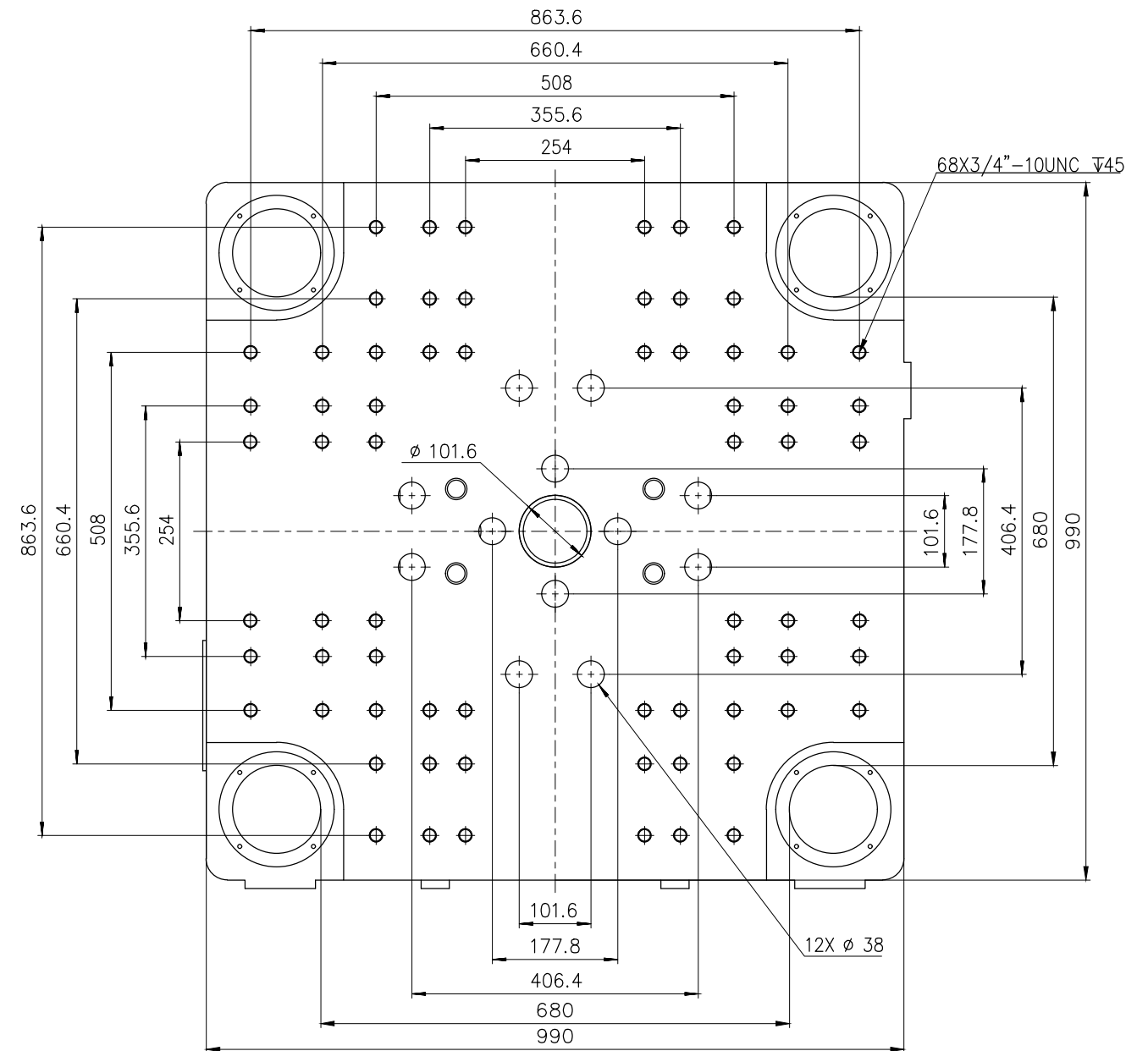
Other		
Pump Motor Power	kW	55
Heater Power	kW	27.05
Machine Dimension (LxWxH)	m	7.07x1.81x2.38
	in.	278x71x94
Machine Weight	t	12.2
	lbs.	26896
Hopper Capacity	kg	50
	lbs.	110
Oil Tank	l	450
	gal	119

***NOTE:**

1. Electric screw drive (screw rotate) is standard for injection units under 10600. For injection units 10600 and above electric screw drive is optional.
2. 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.
3. 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: MAV 3200 Fixed & Moving Platen Drawing

Machine Model: MAV 3200
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:

PLEASE READ:

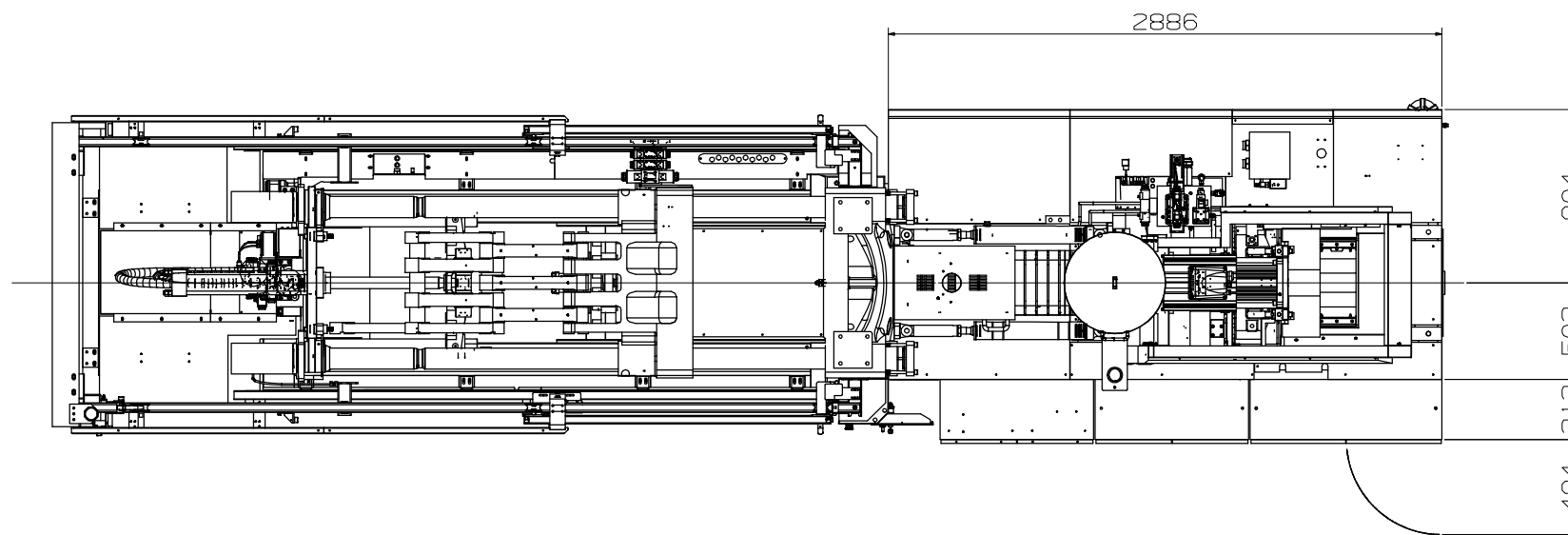
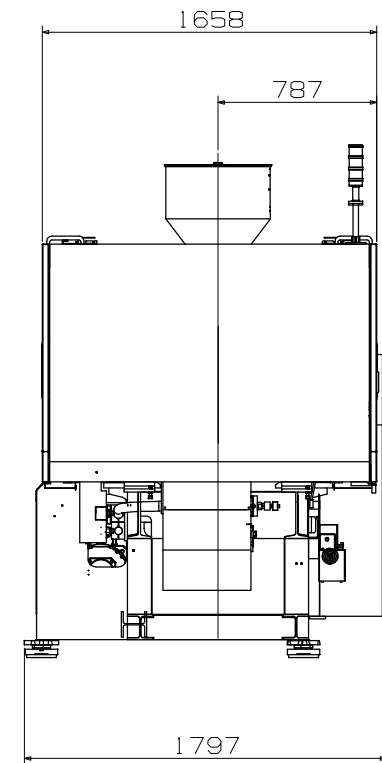
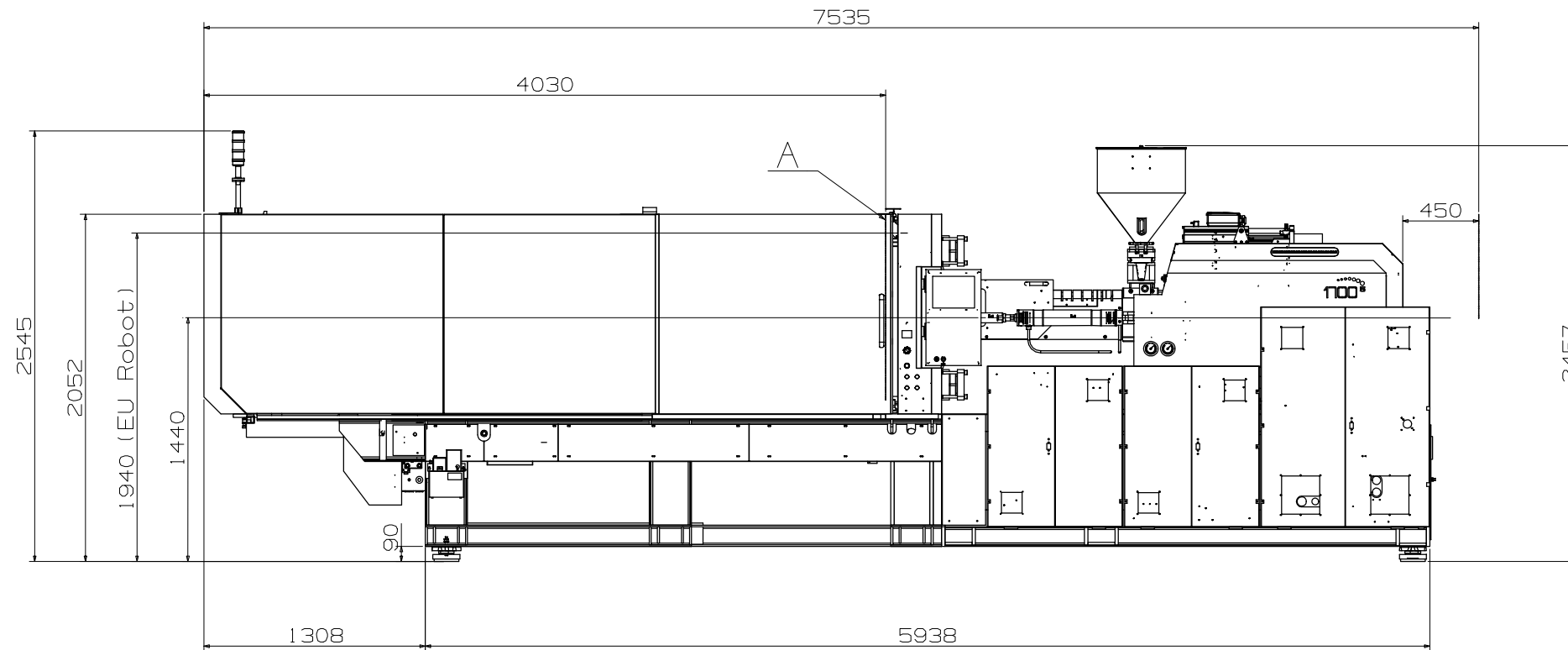
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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: MA V 3200 Layout Drawing

Machine Model: MA V 3200

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 3/21/2024

Chkd By: LEON XIE

Date: 3/21/2024

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

PLEASE READ:

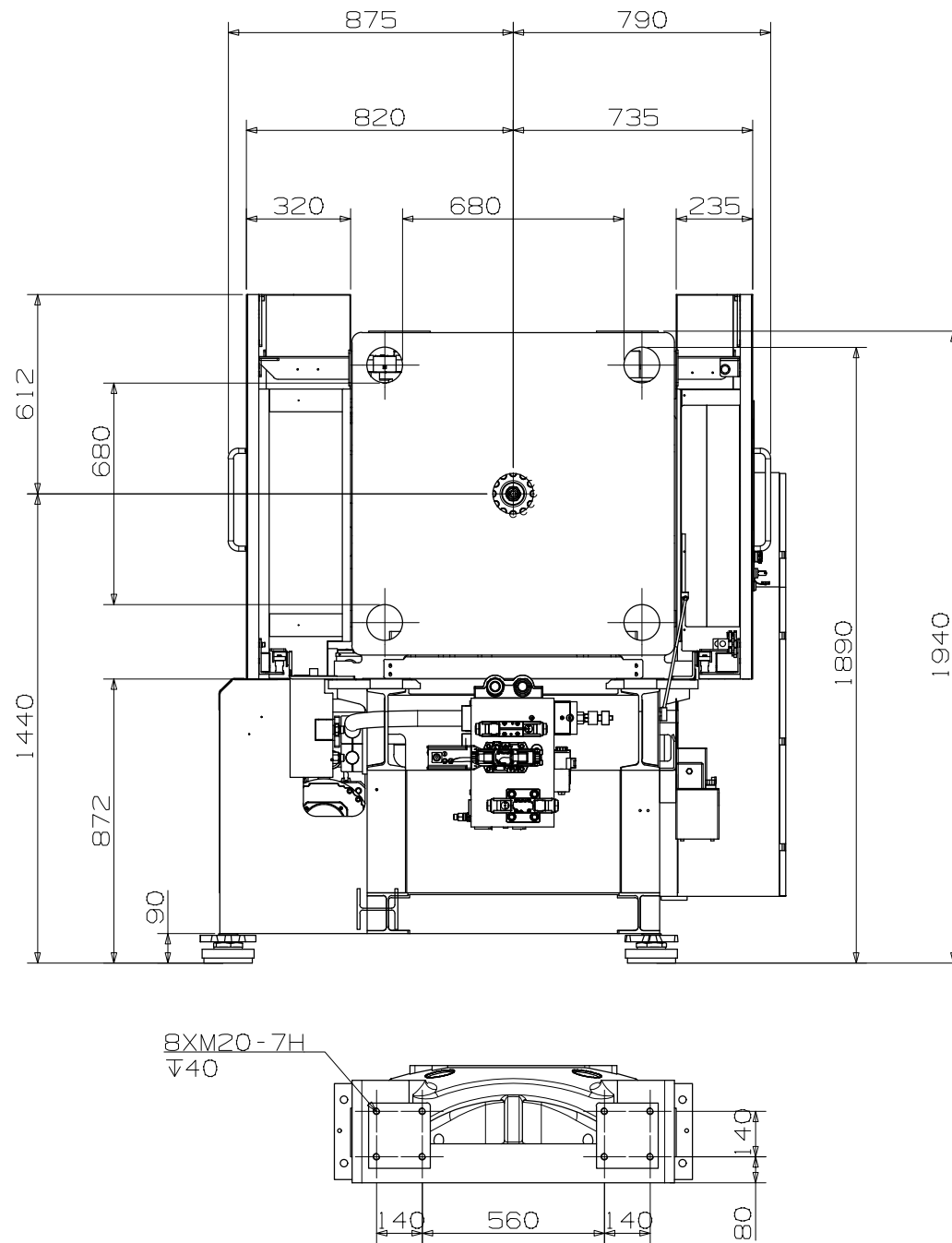
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Customer:

Customer Approval:

Authorized Signature

Notes:



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

Title: MA V 3200 Robot Mounting Drawing

Machine Model: MA V 3200
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:

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Customer:

Customer Approval:

Authorized Signature

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