

MA2800V-1350

MARS 5 Series: Toggle Clamp Servo-Hydraulic

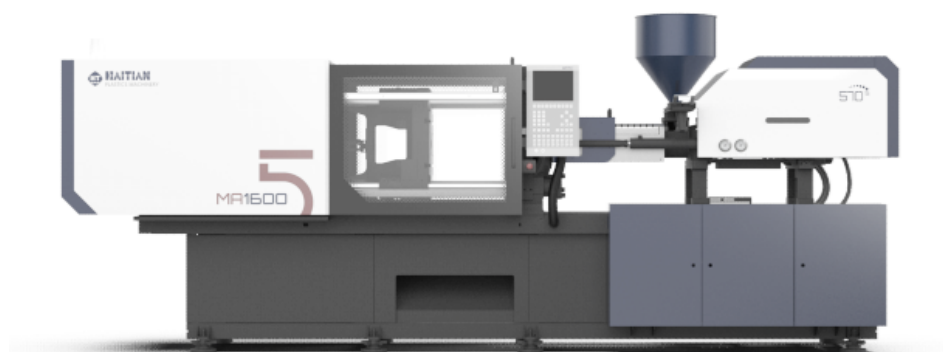


Clamping Unit		MA2800V/1350
Clamping Force	kN	2800
Mold Opening Stroke (Min/Max)	mm	590
Minimum Mold Height	mm	230
Maximum Mold Height	mm	630
Maximum Daylight	mm	1220
Distance Between Tie-Bars (HXV)	mm	630x630
Platen Dimensions (HXV)	mm	930x930
Ejector Stroke	mm	150
Ejector Force	kN	62

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Injection Unit		1350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	55	60	65
Screw L/D Ratio	L/D	21.8	20	18.5
Injection Volume (theoretical)	cm ³	617	735	862
Injection Weight (PS)	g	562	668	785
Injection Rate (PS)	g/s	248	295	347
Injection Pressure	MPa	223	188	160
Plasticizing Rate (GPPS)	g/s	46.2	54.9	61
Screw Speed	rpm	270	270	270



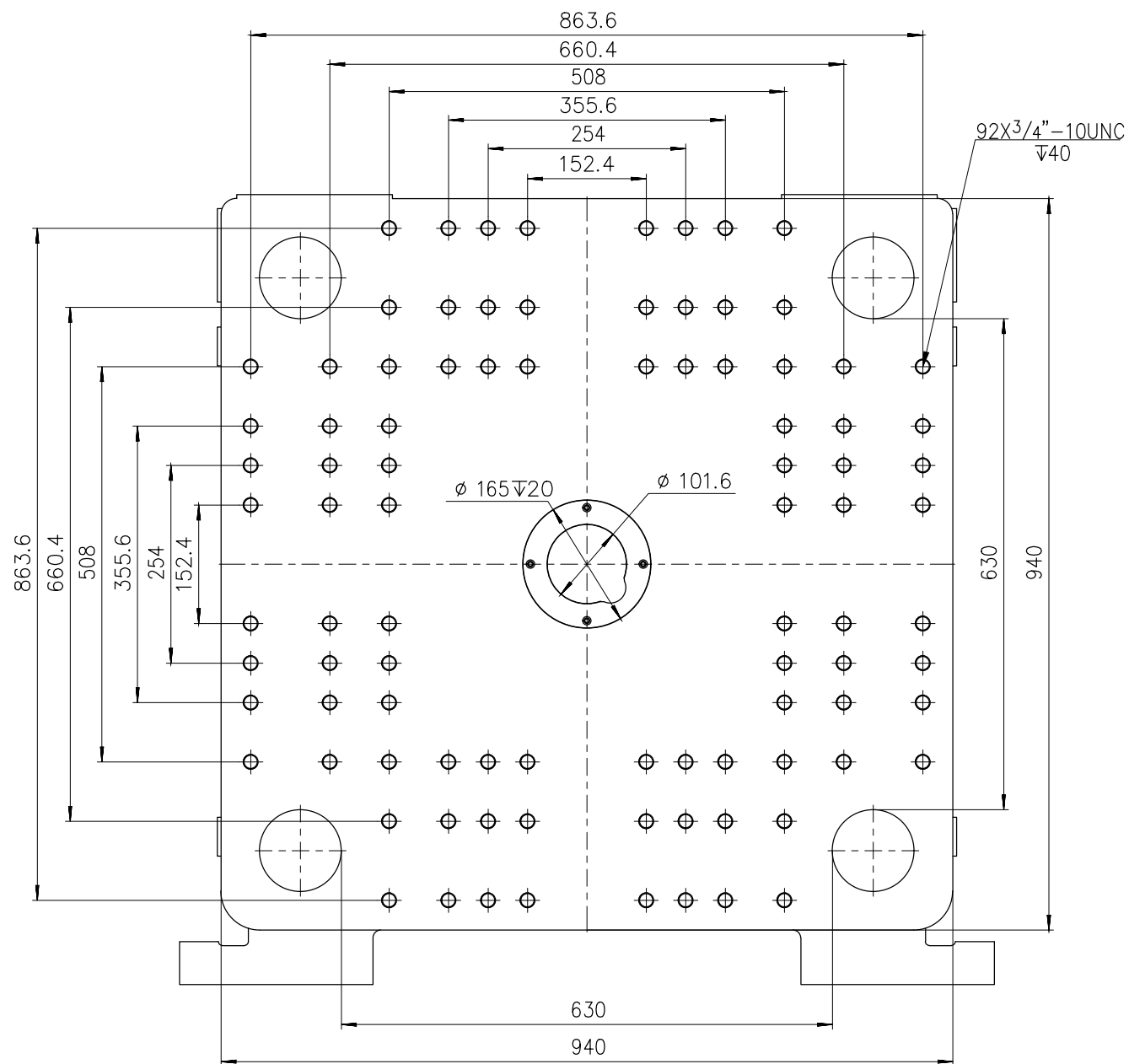
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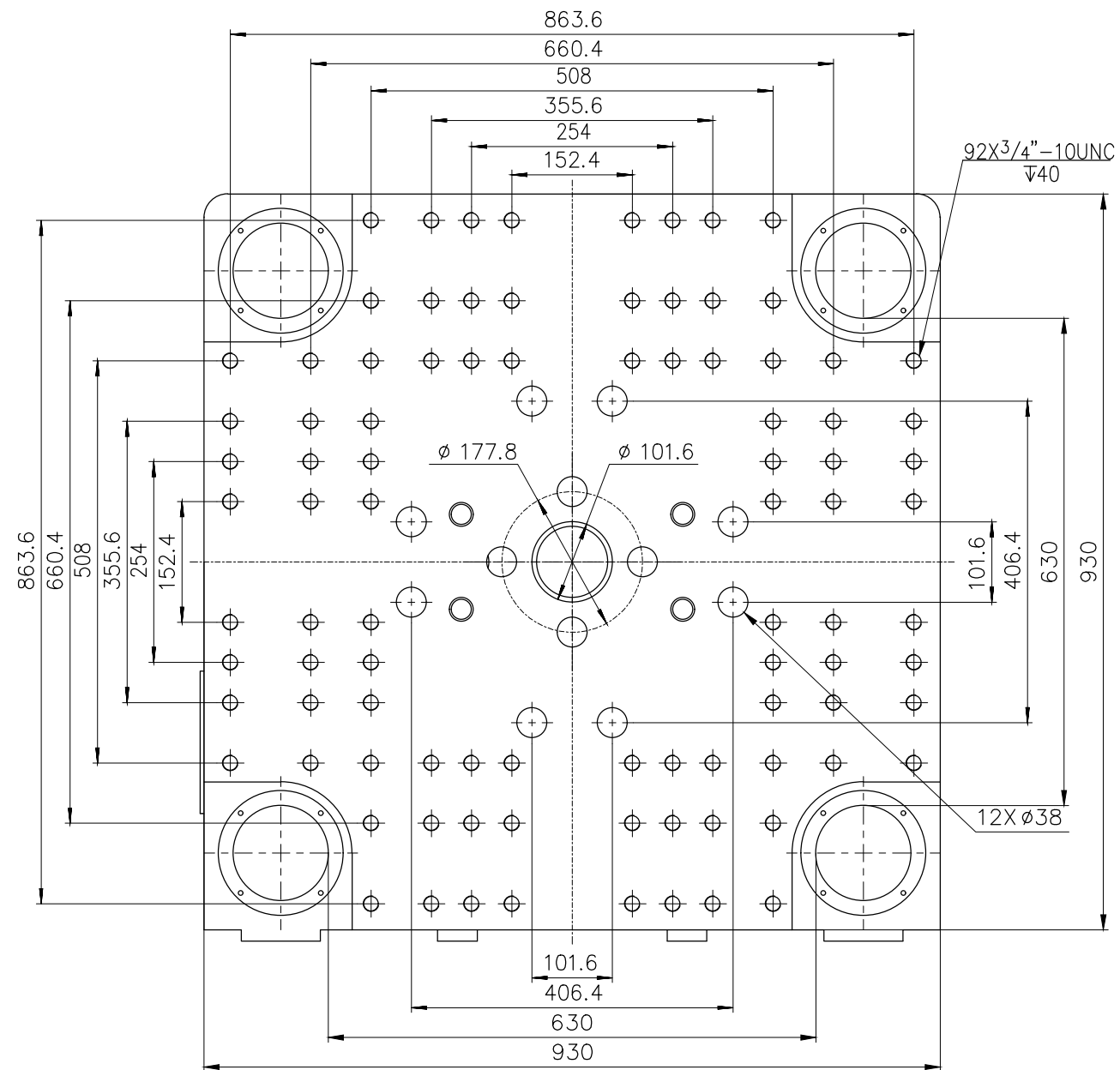
Other		
Pump Motor Power	kW	45
Heater Power	kW	22.55
Machine Dimension (LxWxH)	m	6.54x1.75x2.50
Machine Weight	t	11.3
Hopper Capacity	kg	50
Oil Tank	l	400

***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 Cabletech Marketing 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 Cabletech Marketing service department for machine specific information.



Fixed Platen



Moving Platen



Title: MAV 2800 Fixed & Moving Platens Drawing

Machine Model: MAV 2800

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:

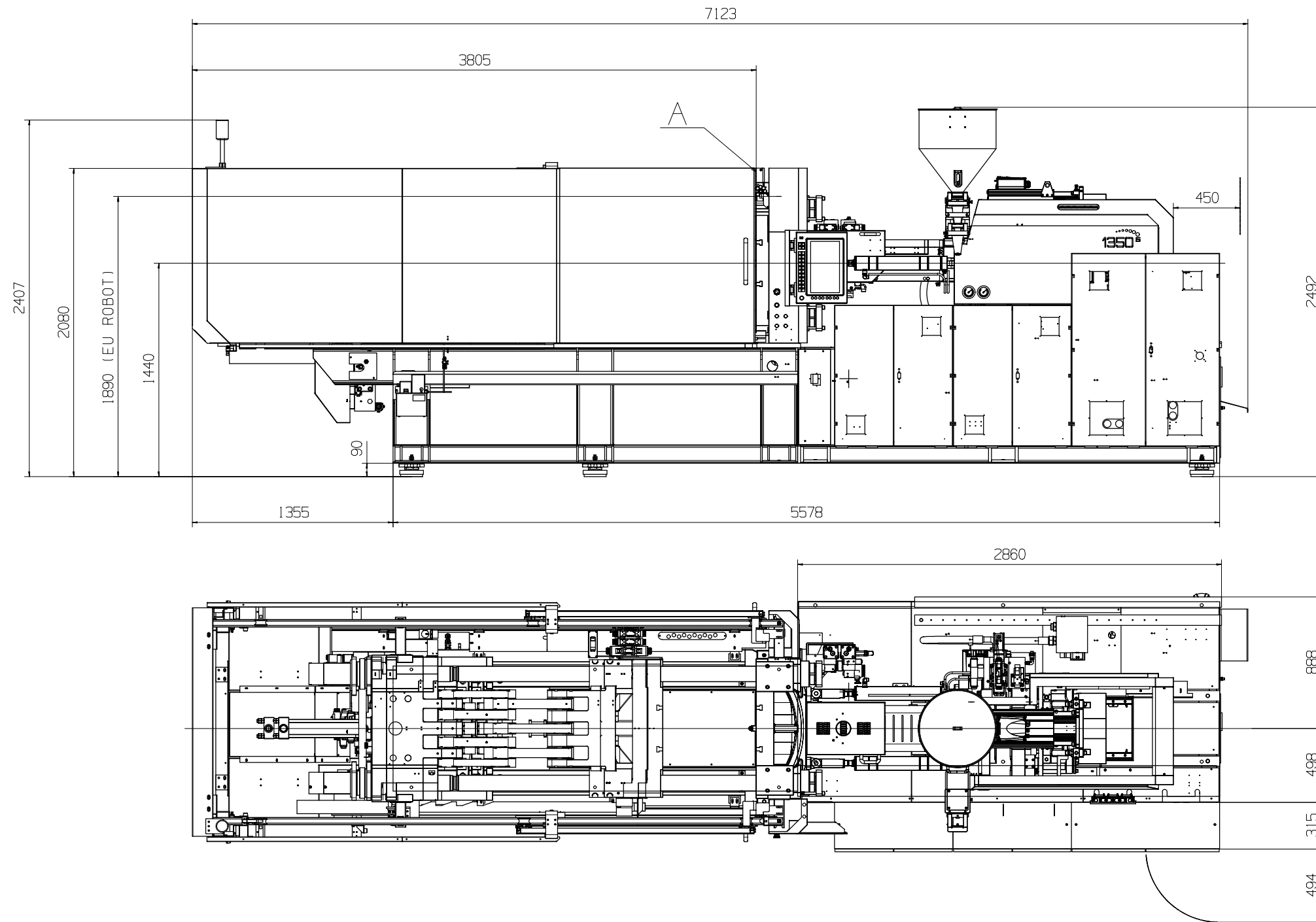
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

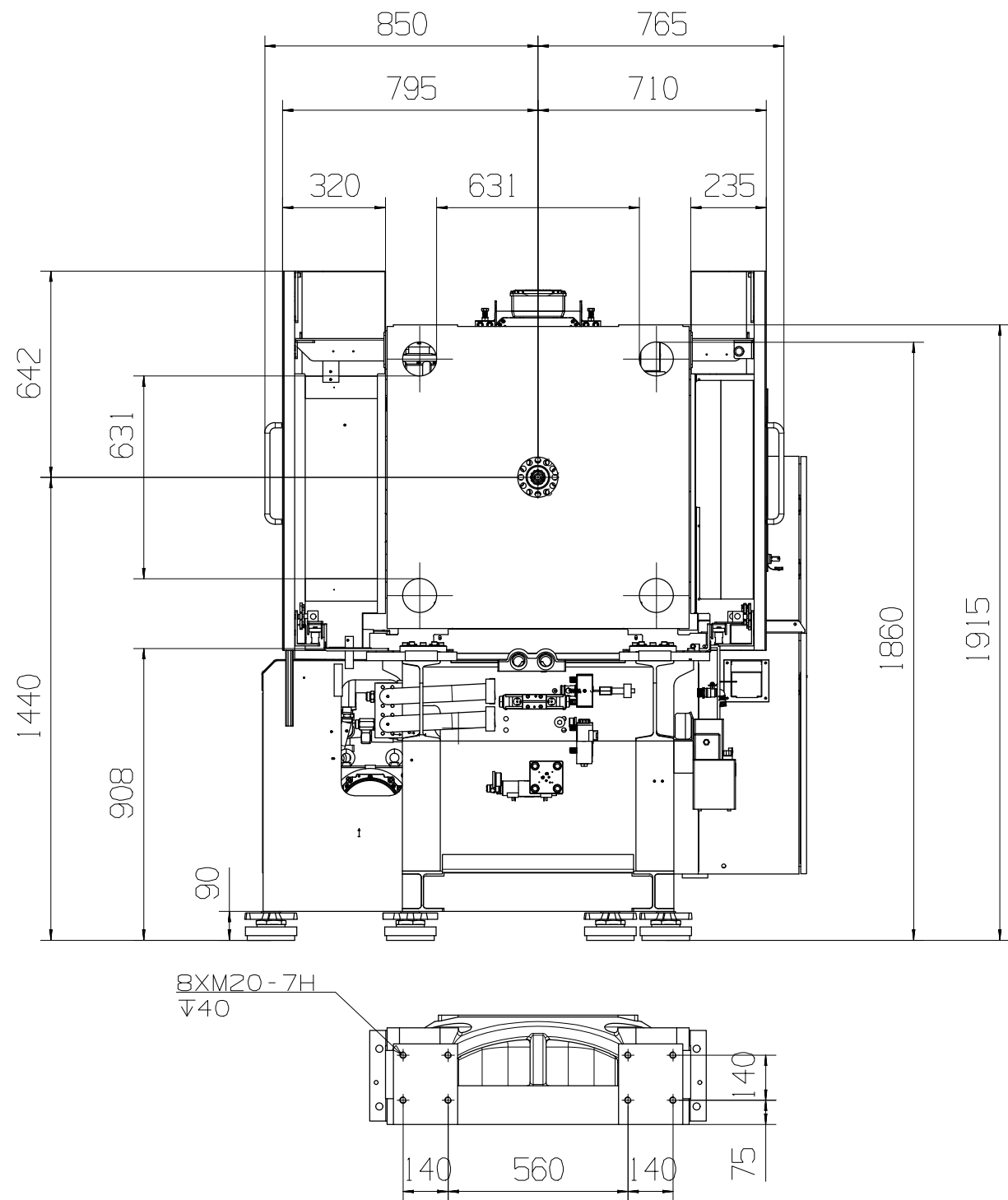
Notes:



Title: MA V 2800 Layout Drawing			
Machine Model: MA V 2800		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 3/21/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 3/21/2024
Revision	Date:	Drawing #: Layout	NOT TO SCALE
Rev #: 1			Size: 11 X 17 "B"
Rev #: 2			Units: mm / [in]
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:



Title: MA V 2800 Robot Mounting Drawing

Machine Model: MA V 2800
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:

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: