

MA6000V-4500

MARS 5 Series: Toggle Clamp Servo-Hydraulic

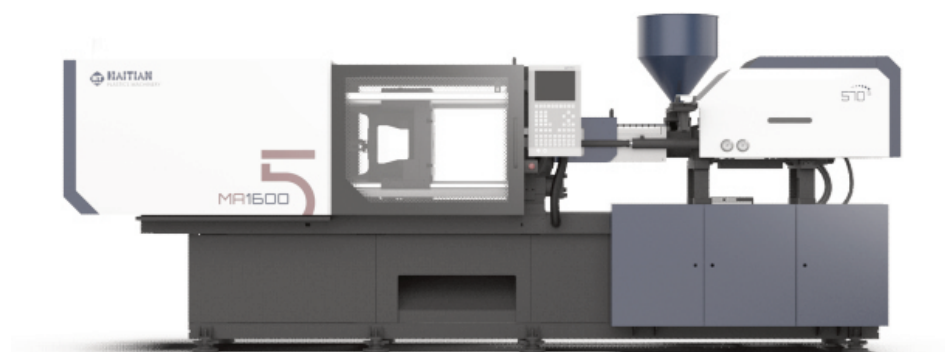


Clamping Unit		MA6000V/4500
Clamping Force	kN	6000
Mold Opening Stroke (Min/Max)	mm	910
Minimum Mold Height	mm	380
Maximum Mold Height	mm	880
Maximum Daylight	mm	1790
Distance Between Tie-Bars (HXV)	mm	880x880
Platen Dimensions (HXV)	mm	1300x1320
Ejector Stroke	mm	240
Ejector Force	kN	158

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Injection Unit		4500		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	85	90
Screw L/D Ratio	L/D	23.4	22	20.8
Injection Volume (theoretical)	cm ³	2211	2496	2799
Injection Weight (PS)	g	2012	2272	2547
Injection Rate (PS)	g/s	516	583	654
Injection Pressure	MPa	210	186	165
Plasticizing Rate (GPPS)	g/s	80.2	88.7	101
Screw Speed	rpm	200	200	200



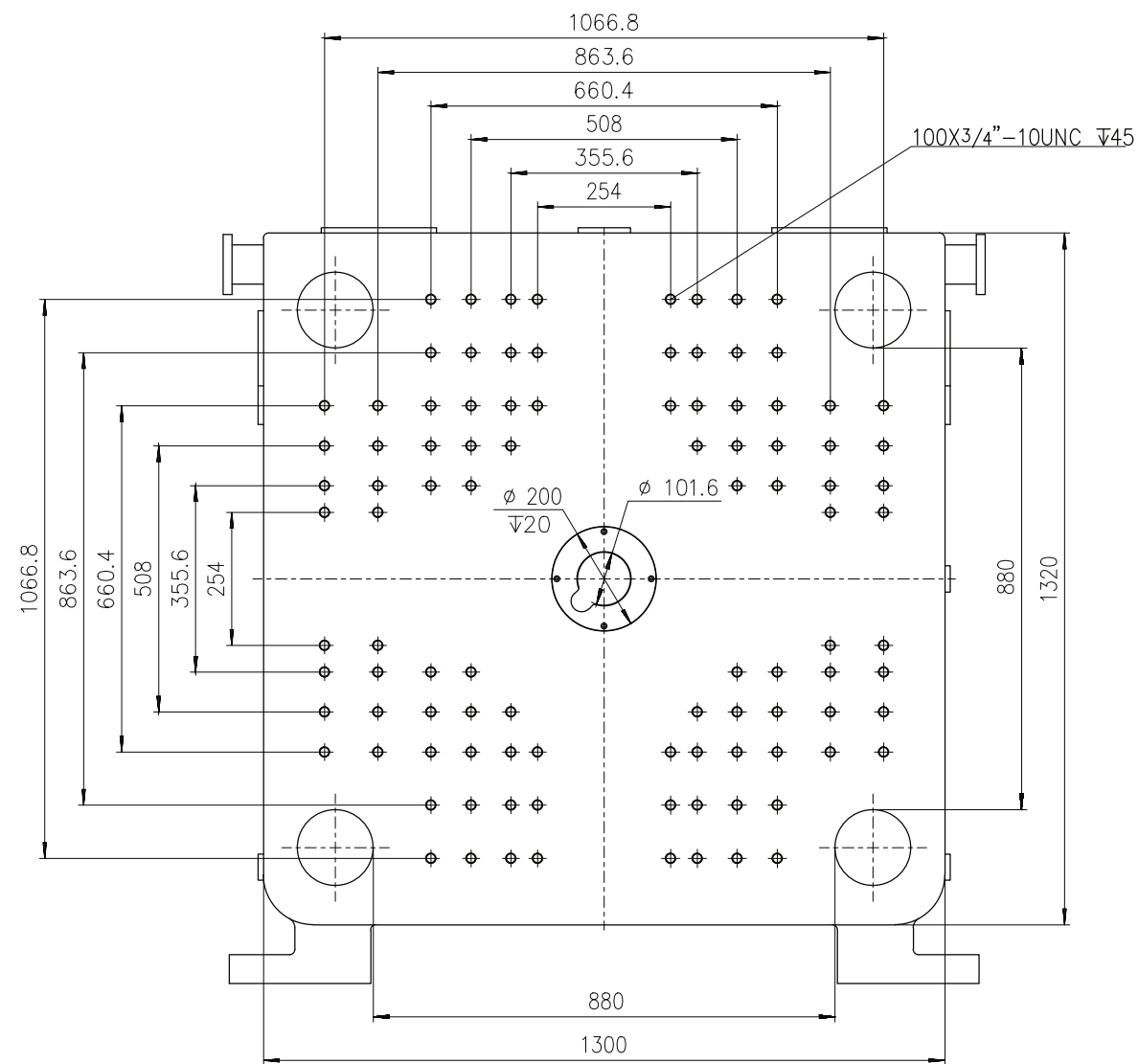
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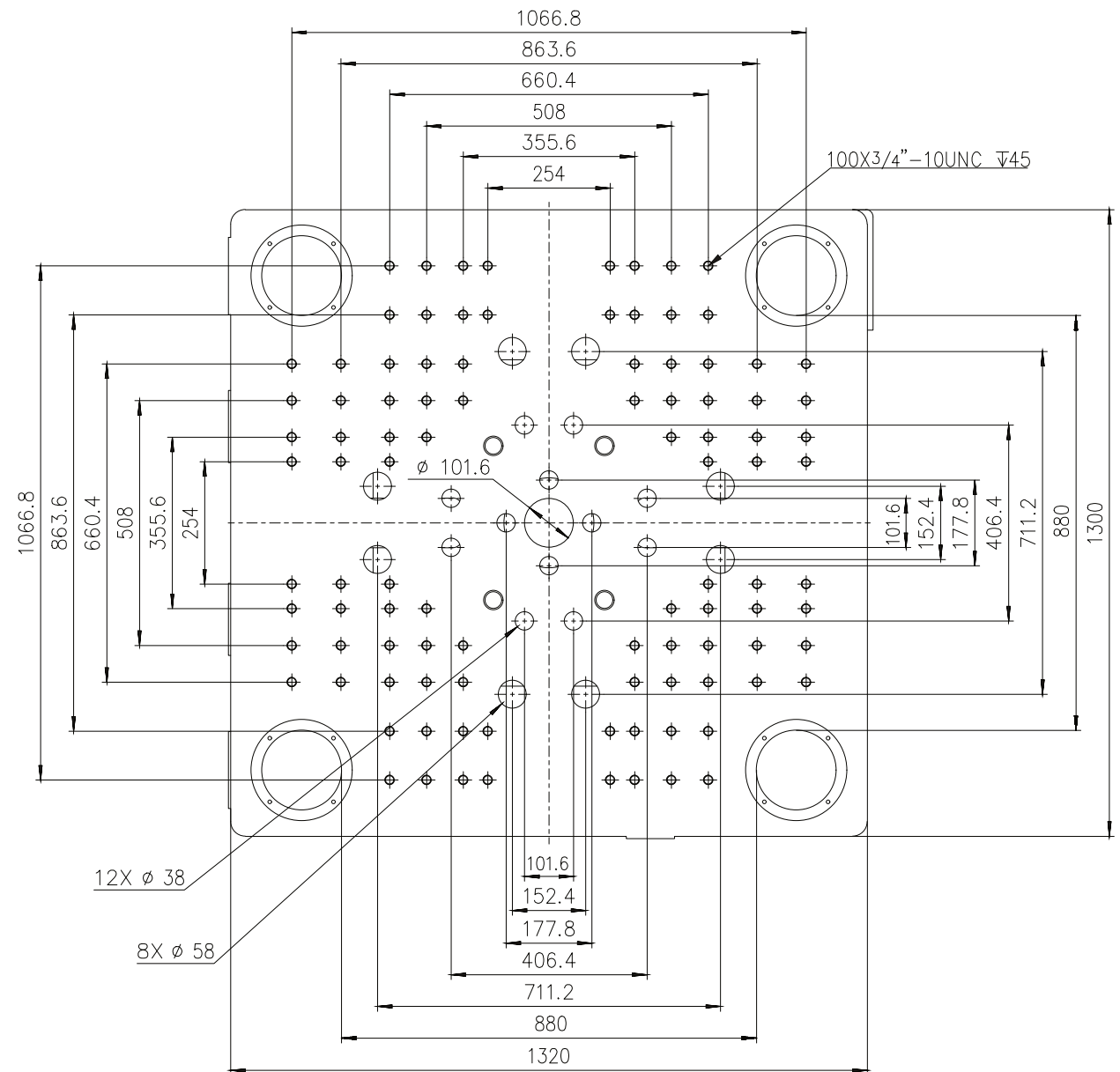
Other		
Pump Motor Power	kW	85
Heater Power	kW	48
Machine Dimension (LxWxH)	m	9.41x2.06x2.73
Machine Weight	t	25
Hopper Capacity	kg	100
Oil Tank	l	720

***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 6000 Fixed & Moving Platens Drawing

Machine Model: MAV 6000
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:

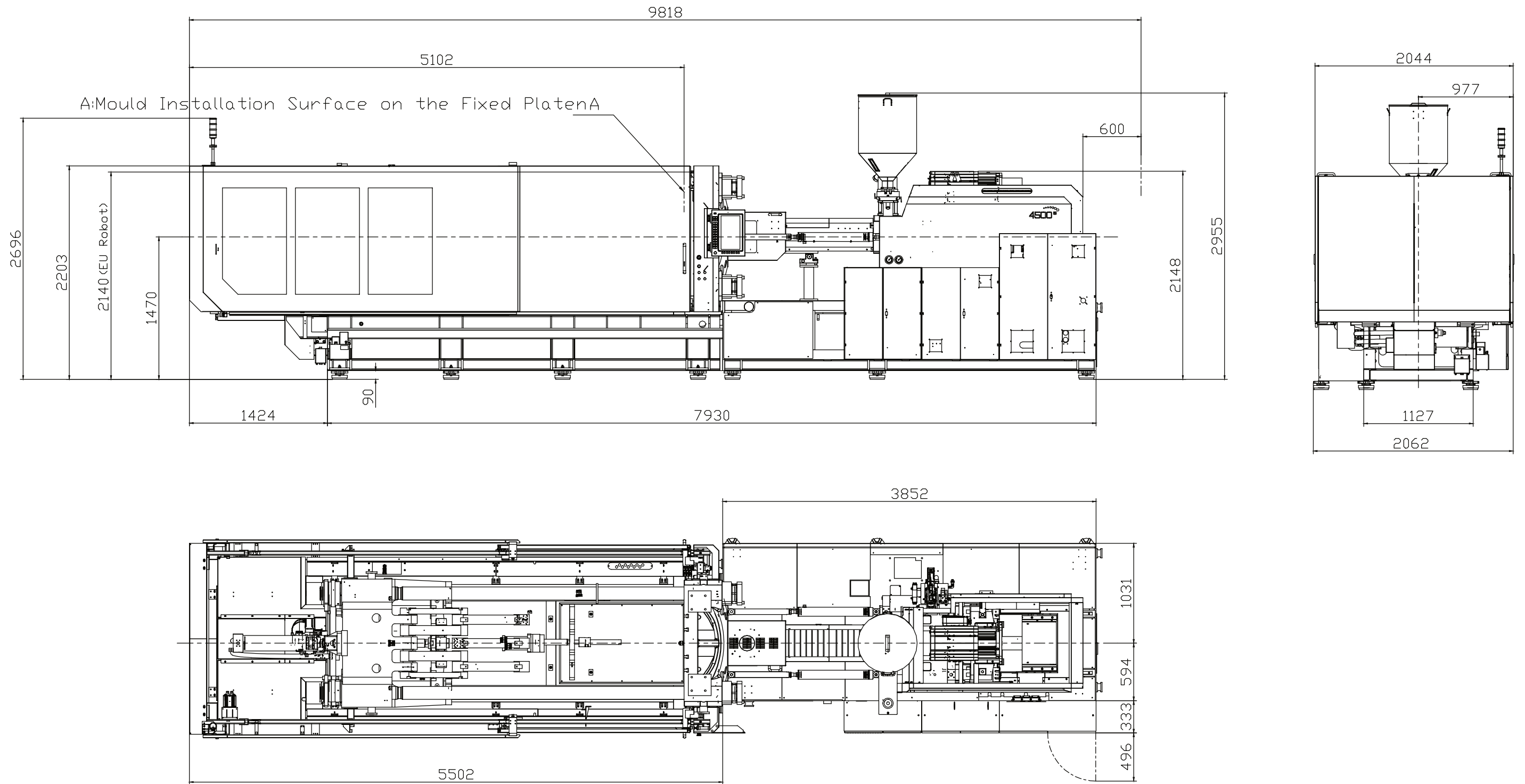
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

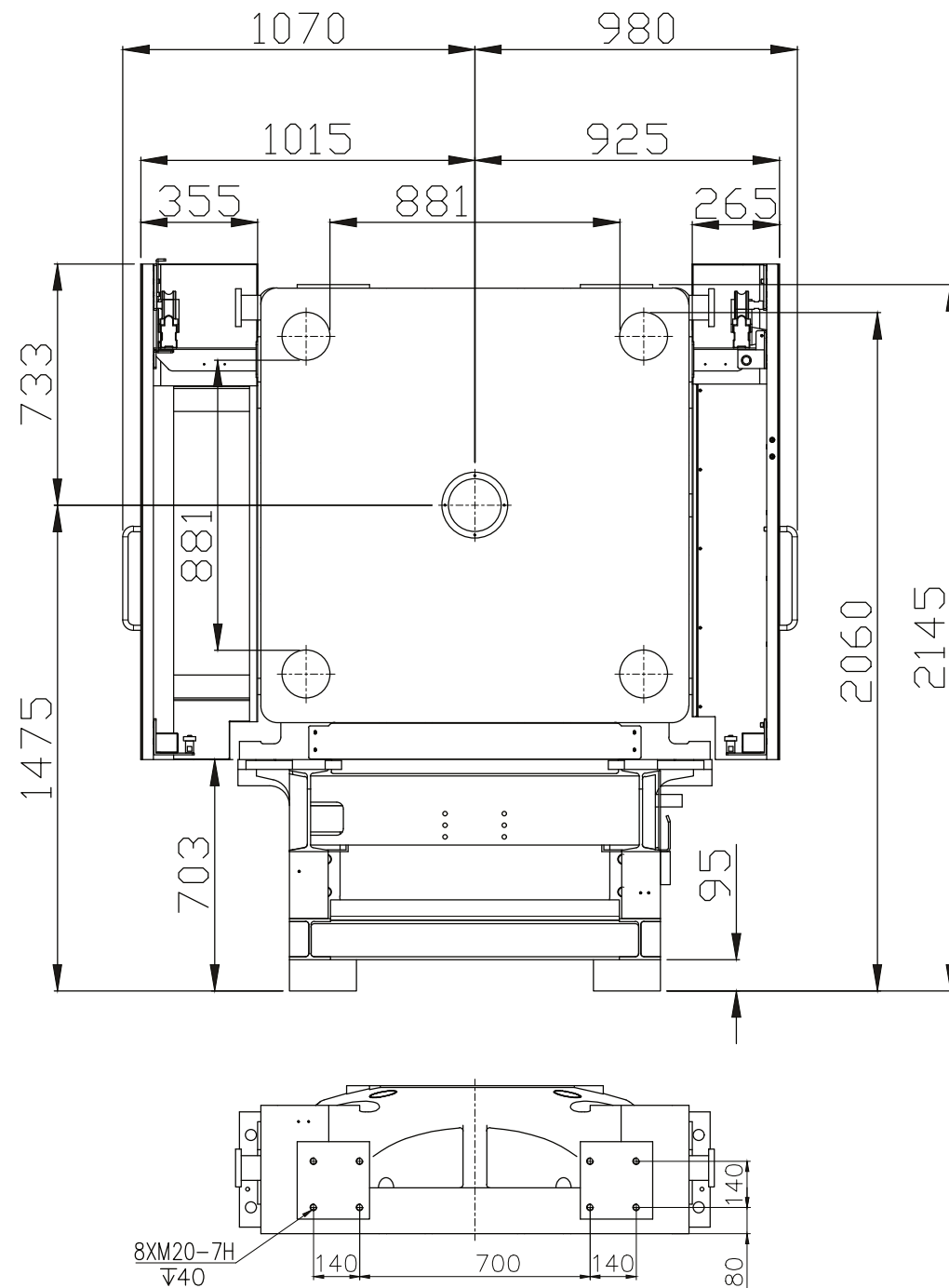
Notes:



Title: MA V 6000 Layout Drawing			
Machine Model: MA V 6000		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 3/27/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 3/27/2024
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 6000 Robot Mounting Drawing

Machine Model: MA V 6000
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:

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: