

MA4700V-3200

MARS 5 Series: Toggle Clamp Servo-Hydraulic

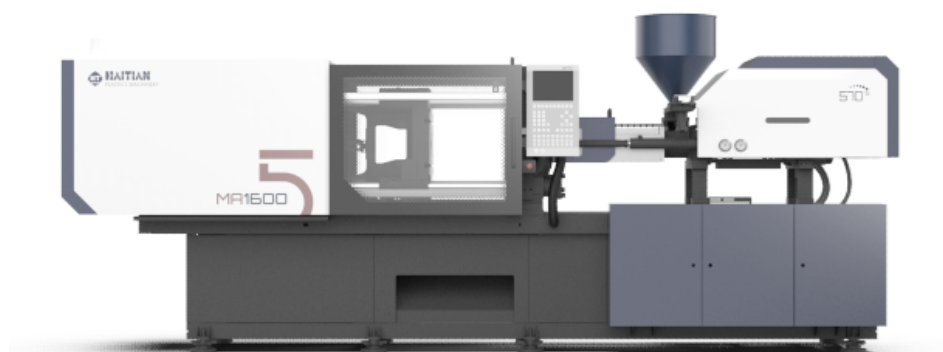


Clamping Unit		MA4700V/3200
Clamping Force	kN	4700
Mold Opening Stroke (Min/Max)	mm	780
Minimum Mold Height	mm	320
Maximum Mold Height	mm	780
Maximum Daylight	mm	1560
Distance Between Tie-Bars (HXV)	mm	820x800
Platen Dimensions (HXV)	mm	1210x1180
Ejector Stroke	mm	200
Ejector Force	kN	110

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Injection Unit		3200		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	70	80	85
Screw L/D Ratio	L/D	22.9	20	19.1
Injection Volume (theoretical)	cm ³	1423	1859	2099
Injection Weight (PS)	g	1295	1692	1910
Injection Rate (PS)	g/s	366	478	539
Injection Pressure	MPa	240	183	162
Plasticizing Rate (GPPS)	g/s	69.8	92	101
Screw Speed	rpm	220	220	220



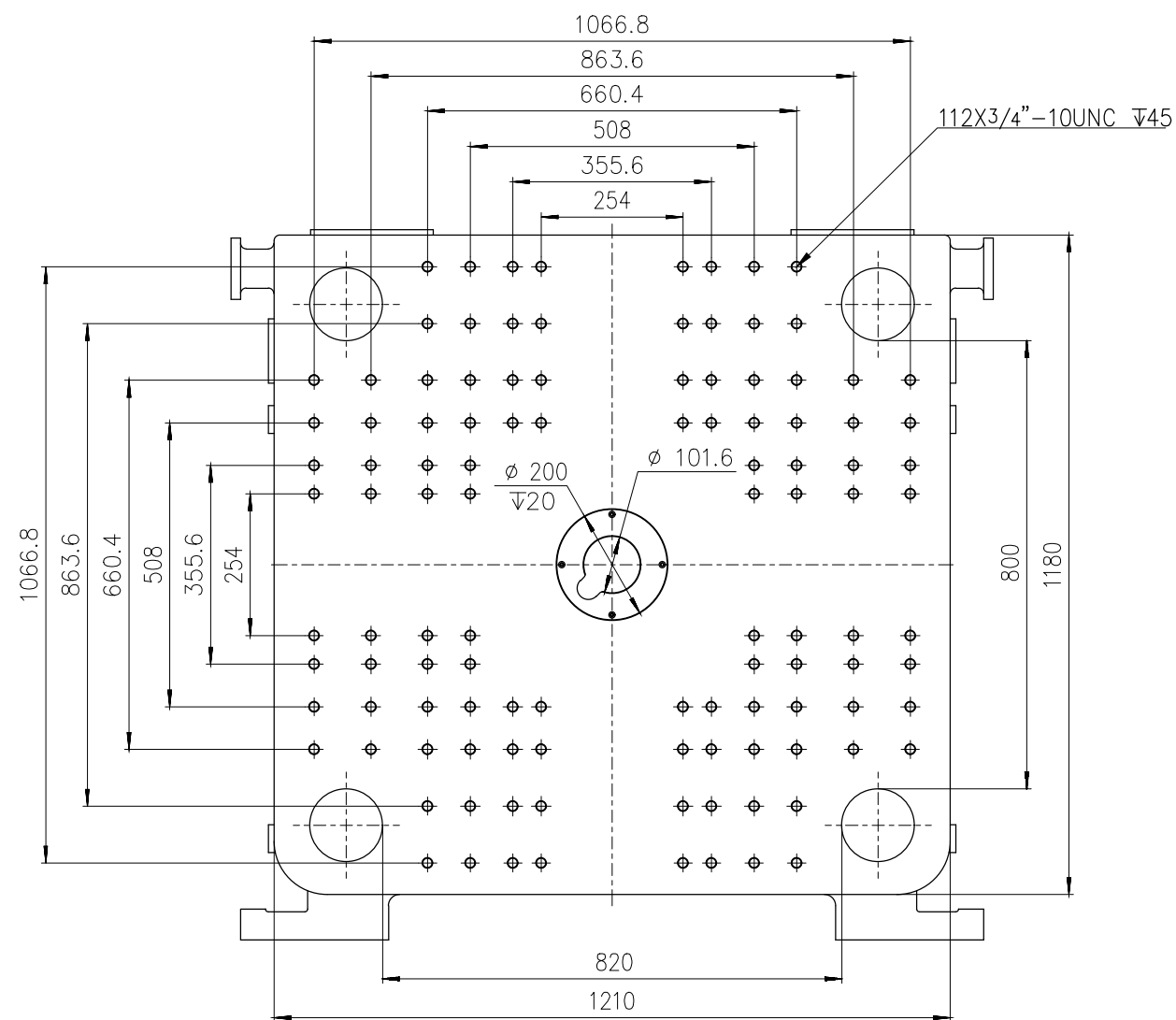
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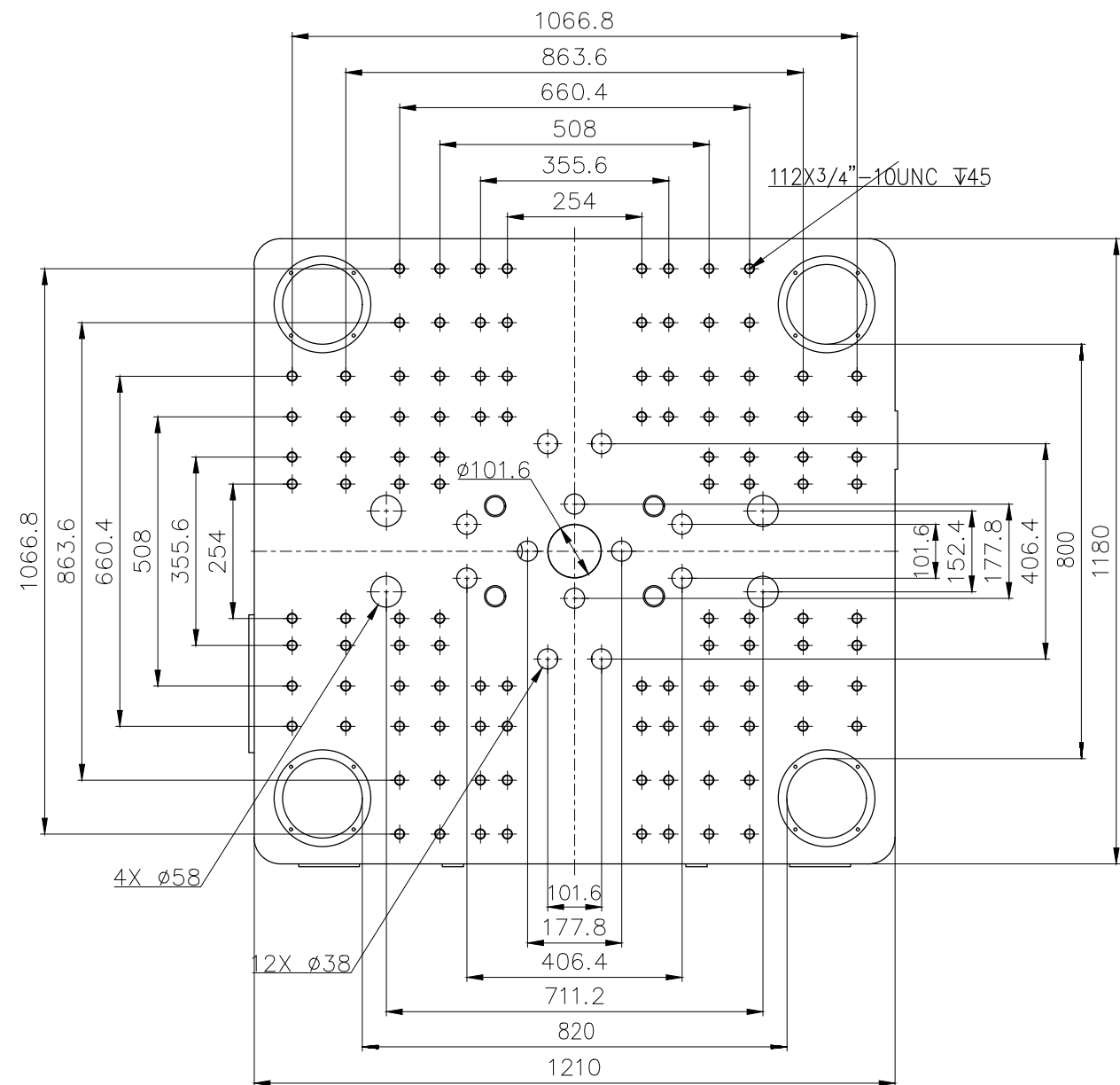
Other		
Pump Motor Power	kW	65
Heater Power	kW	39.6
Machine Dimension (LxWxH)	m	8.29x1.96x2.55
Machine Weight	t	19.3
Hopper Capacity	kg	50
Oil Tank	l	580

***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 4700 Fixed & Moving Platens Drawing

Machine Model: MAV 4700

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:

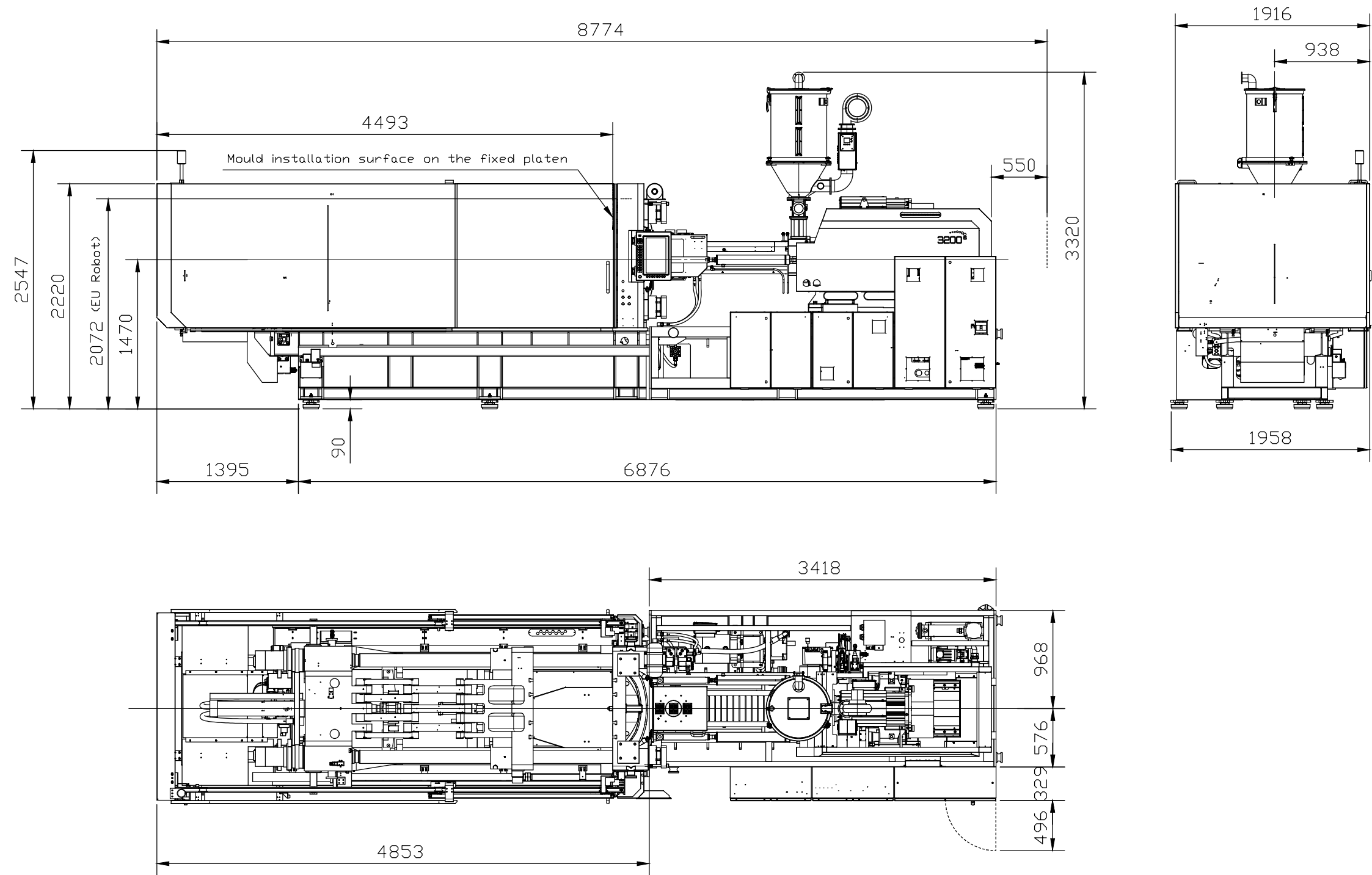
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 4700 Layout Drawing

Machine Model: MA V 4700

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"

Revision

Date:

Drawing #: Layout

Rev #: 1

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

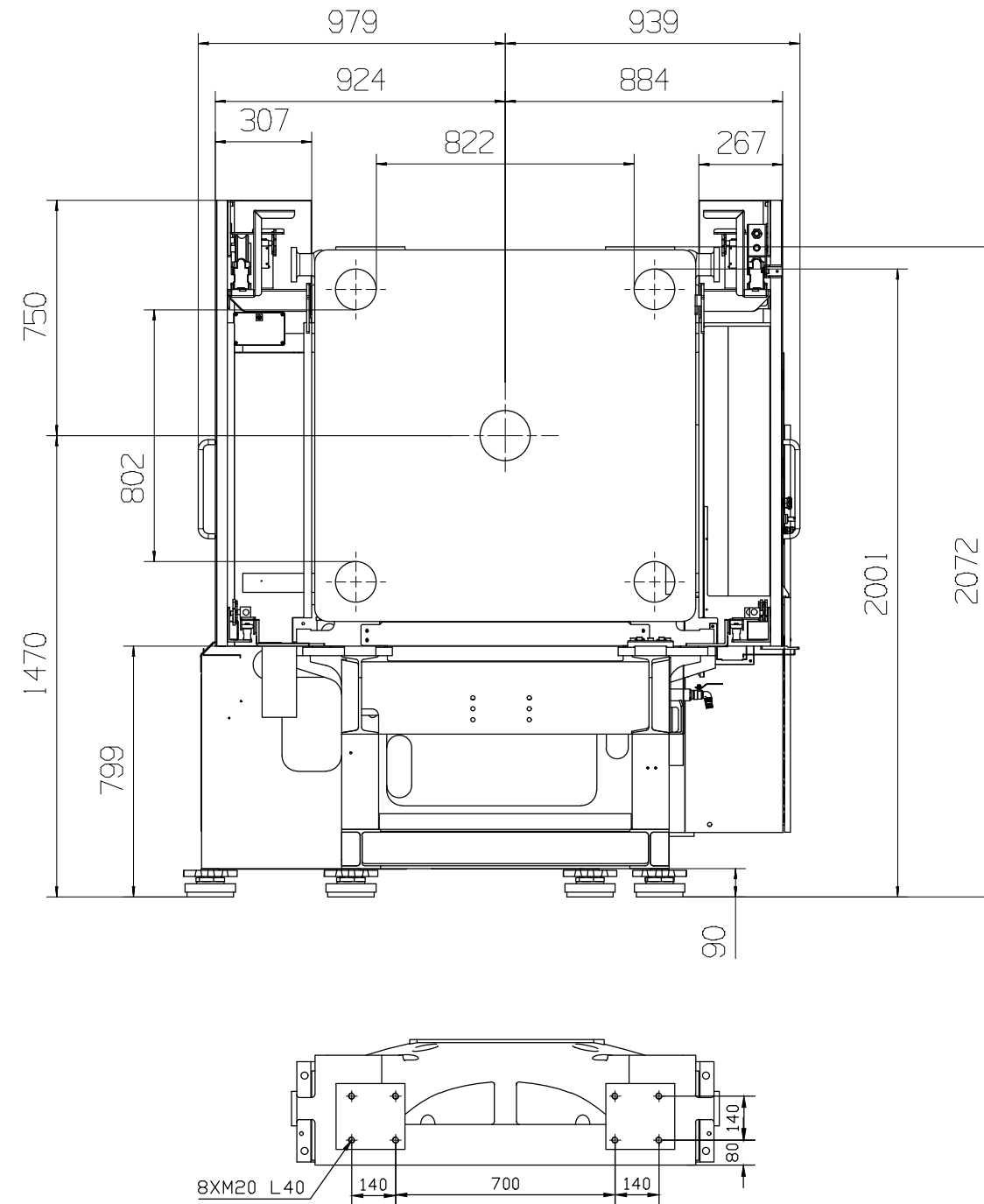
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: MA V 4700 Robot Mounting Drawing				
Machine Model: MA V 4700			Sheet: 1 of 1	
Machine Serial Number:			Drawn By: Harry	Date: 4/9/2024
Machine Tonnage:			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:
