

MA8000V-6800

MARS 5 Series: Toggle Clamp Servo-Hydraulic

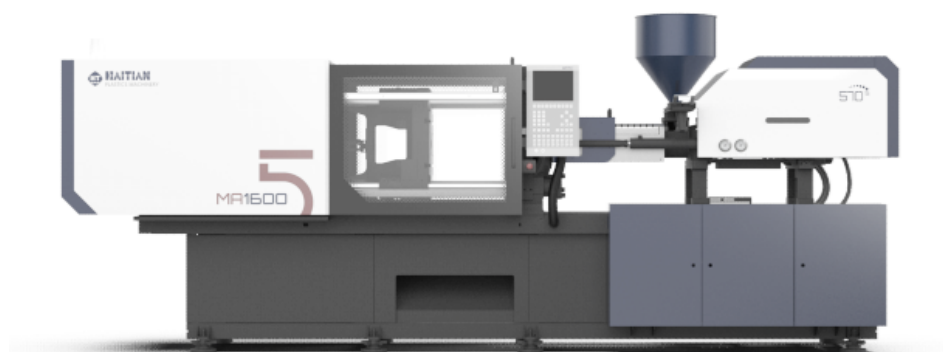


Clamping Unit		MA8000V/6800
Clamping Force	kN	8000
Mold Opening Stroke (Min/Max)	mm	1040
Minimum Mold Height	mm	420
Maximum Mold Height	mm	1000
Maximum Daylight	mm	2040
Distance Between Tie-Bars (HXV)	mm	1000x1000
Platen Dimensions (HXV)	mm	1465x1485
Ejector Stroke	mm	280
Ejector Force	kN	186

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Injection Unit		6800		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	90	100	110
Screw L/D Ratio	L/D	24.4	22	20
Injection Volume (theoretical)	cm ³	2990	3691	4466
Injection Weight (PS)	g	2720	3359	4064
Injection Rate (PS)	g/s	636	786	951
Injection Pressure	MPa	230	186	154
Plasticizing Rate (GPPS)	g/s	103	127	150
Screw Speed	rpm	170	170	170



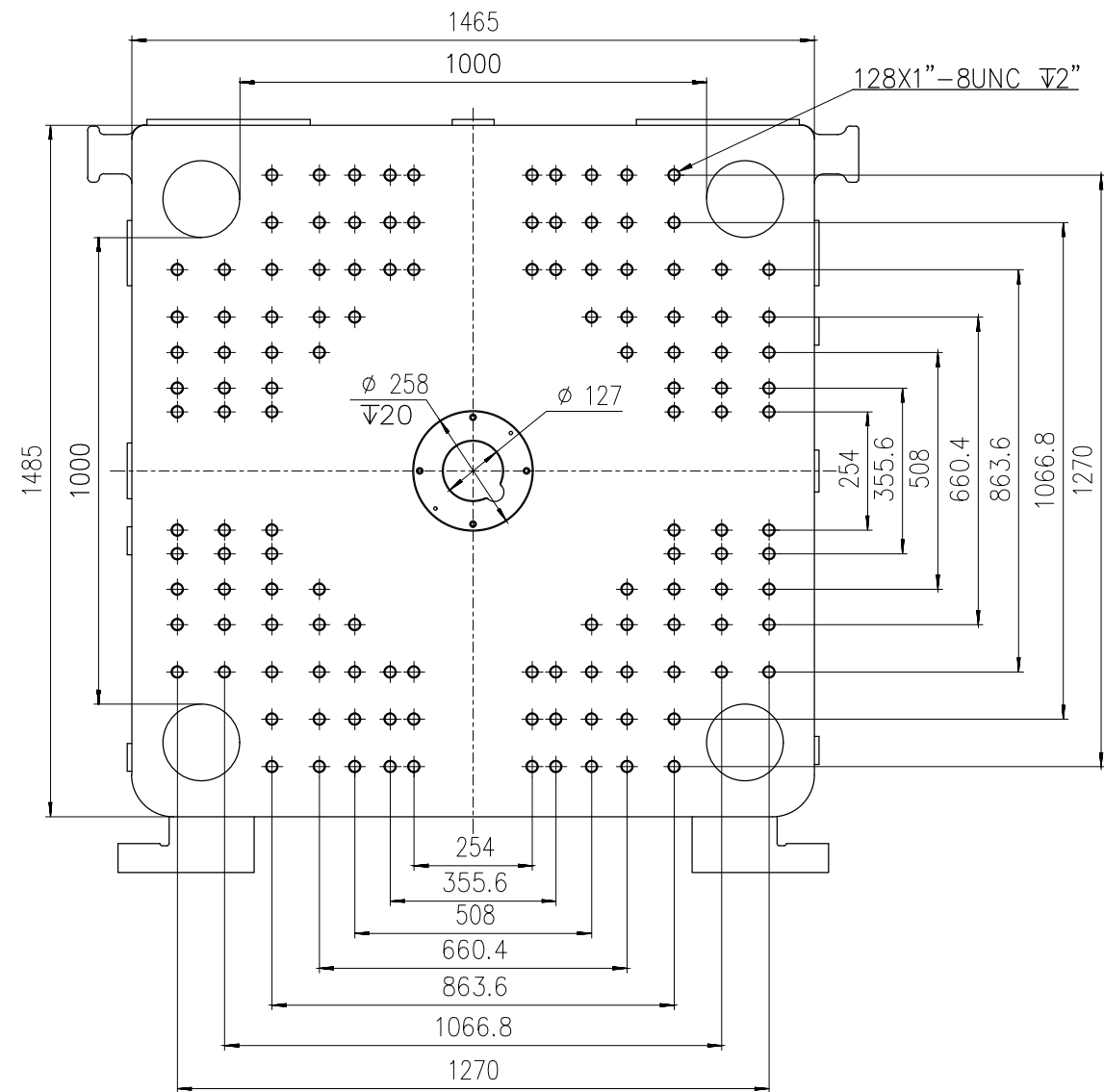
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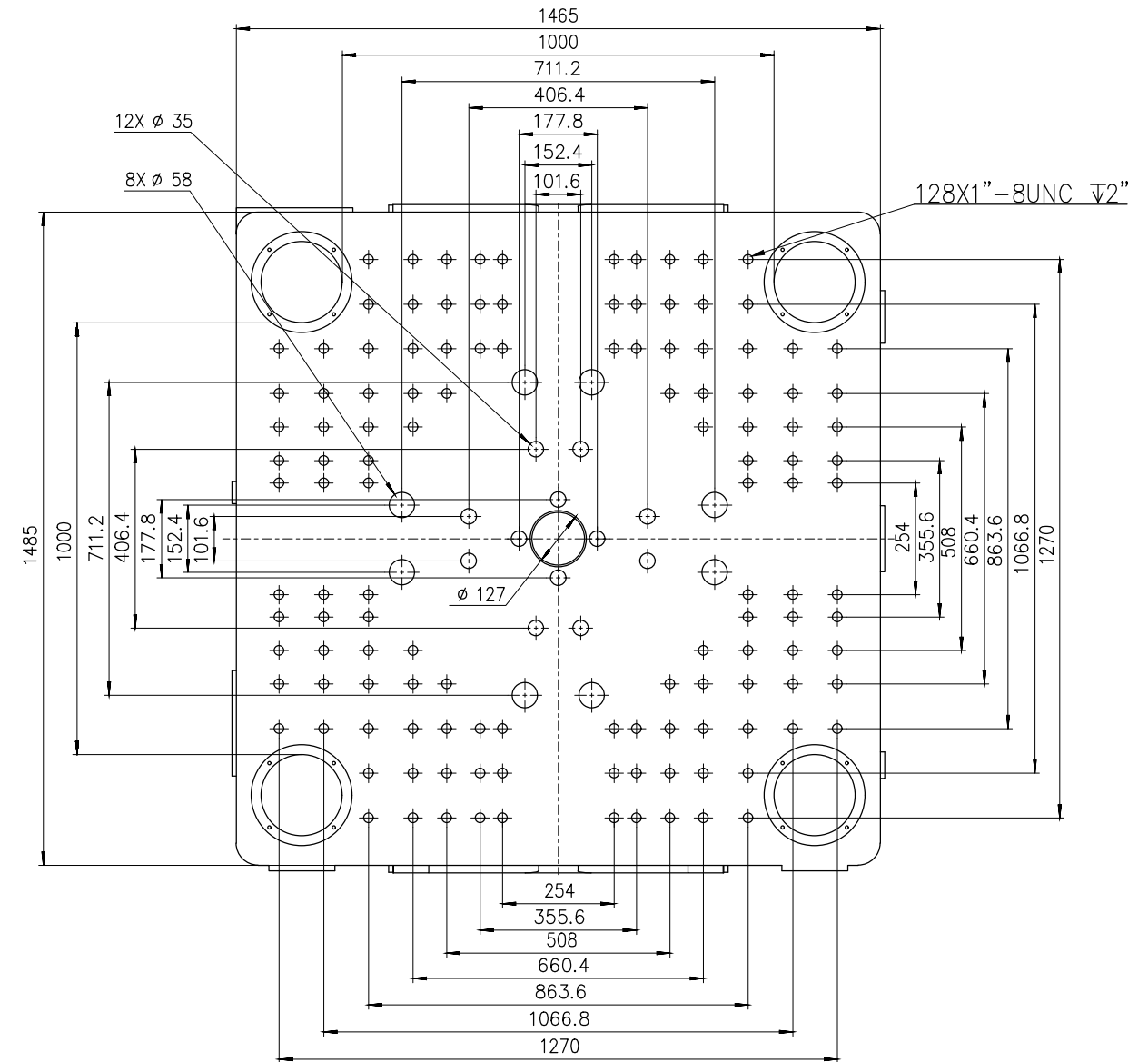
Other		
Pump Motor Power	kW	85+30
Heater Power	kW	69.5
Machine Dimension (LxWxH)	m	10.99x2.30x2.83
Machine Weight	t	37.6
Hopper Capacity	kg	100
Oil Tank	l	900

***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 8000 Fixed & Moving Platens Drawing

Machine Model: MAV 8000

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:

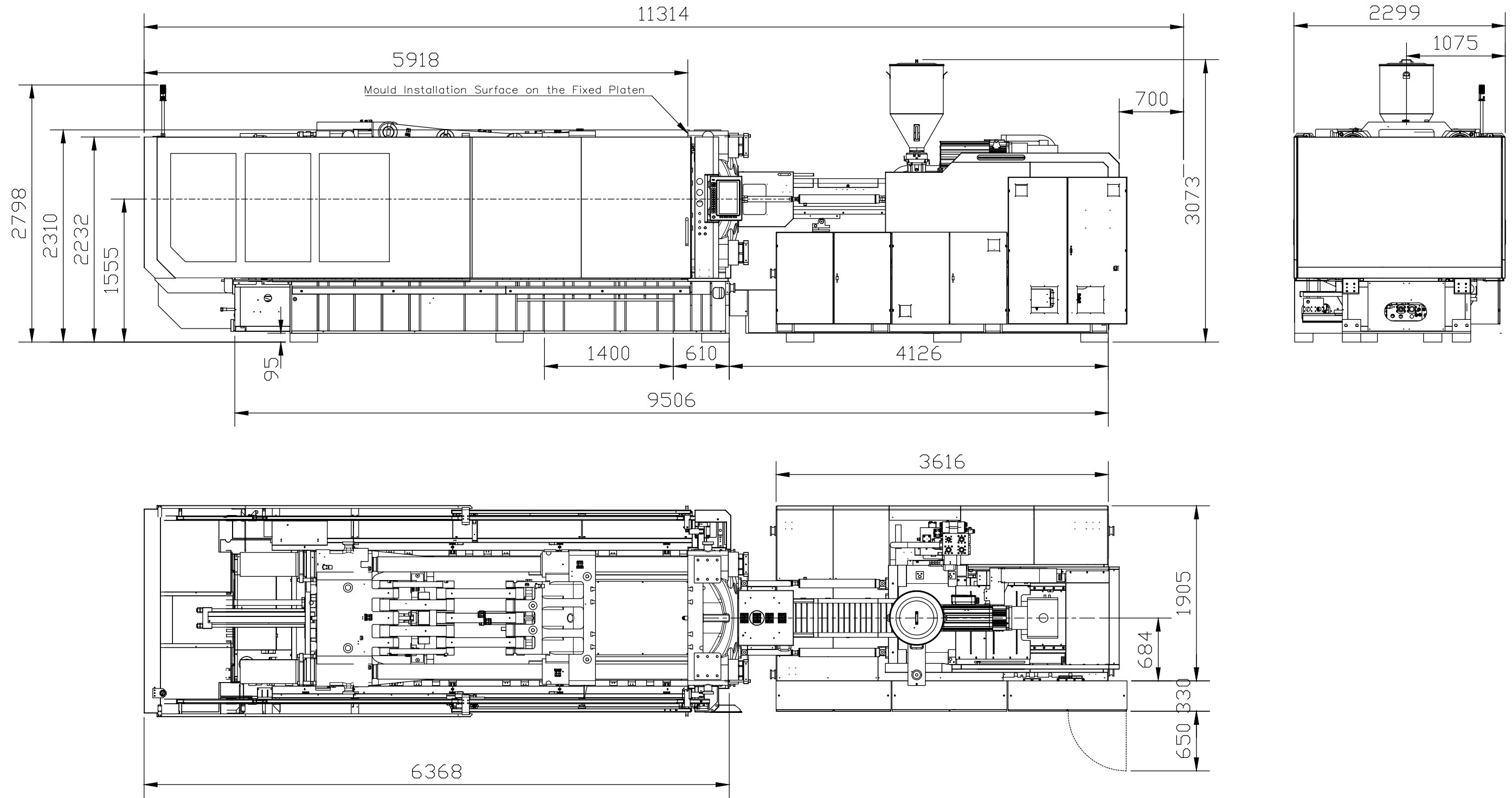
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 8000 Layout Drawing

Machine Model: MA V 8000

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 3/27/2024

Chkd By: LEON XIE

Date: 1/1/2022

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

PLEASE READ:

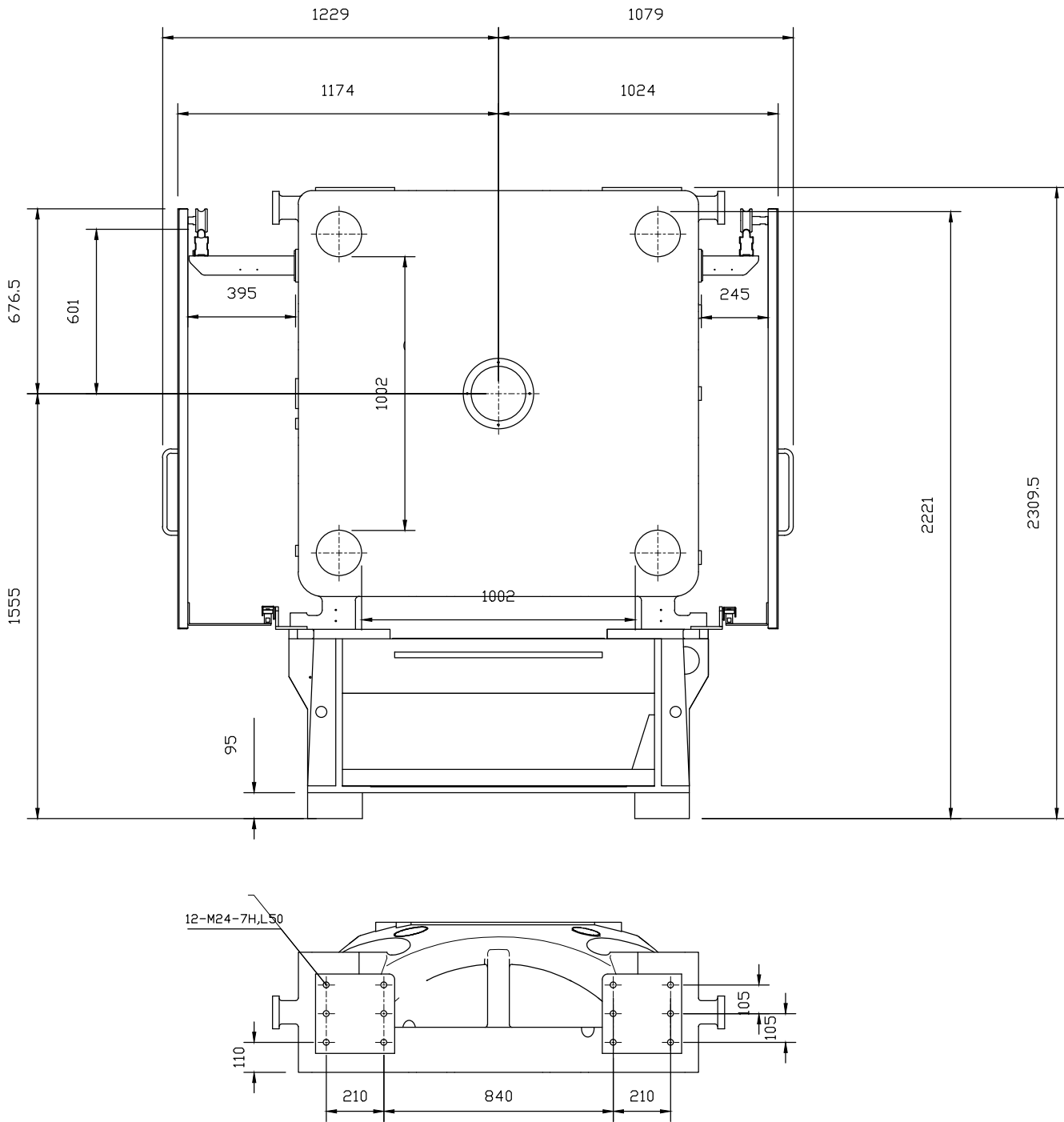
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Customer:

Customer Approval:

Authorized Signature

Notes:



Title: MA V 8000 Robot Mounting Drawing

Machine Model: MA V 8000
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 4/9/2024

Chkd By: LEON XIE

Date: 4/9/2024

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: