

MA1200V-400

MARS 5 Series: Toggle Clamp Servo-Hydraulic

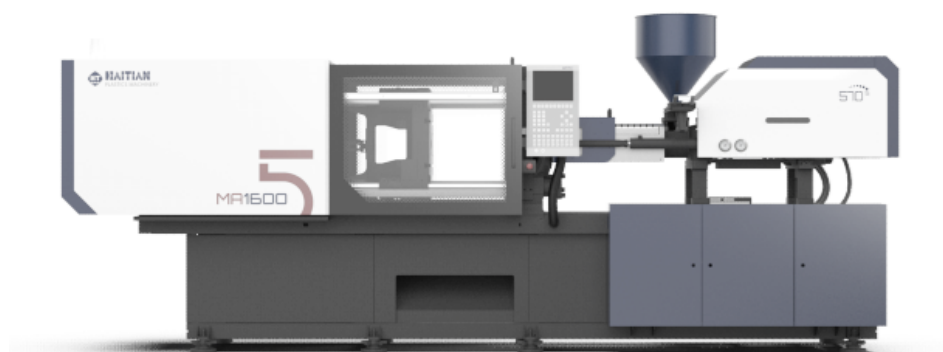


Clamping Unit		MA1200V/400
Clamping Force	kN	1200
Mold Opening Stroke (Min/Max)	mm	360
Minimum Mold Height	mm	150
Maximum Mold Height	mm	450
Maximum Daylight	mm	810
Distance Between Tie-Bars (HXV)	mm	410x410
Platen Dimensions (HXV)	mm	615x615
Ejector Stroke	mm	120
Ejector Force	kN	33

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Injection Unit		400		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	36	40	45
Screw L/D Ratio	L/D	23.3	21	18.7
Injection Volume (theoretical)	cm ³	173	213	270
Injection Weight (PS)	g	157	194	246
Injection Rate (PS)	g/s	106	131	166
Injection Pressure	MPa	233	189	149
Plasticizing Rate (GPPS)	g/s	18.9	23.1	30.6
Screw Speed	rpm	300	300	300



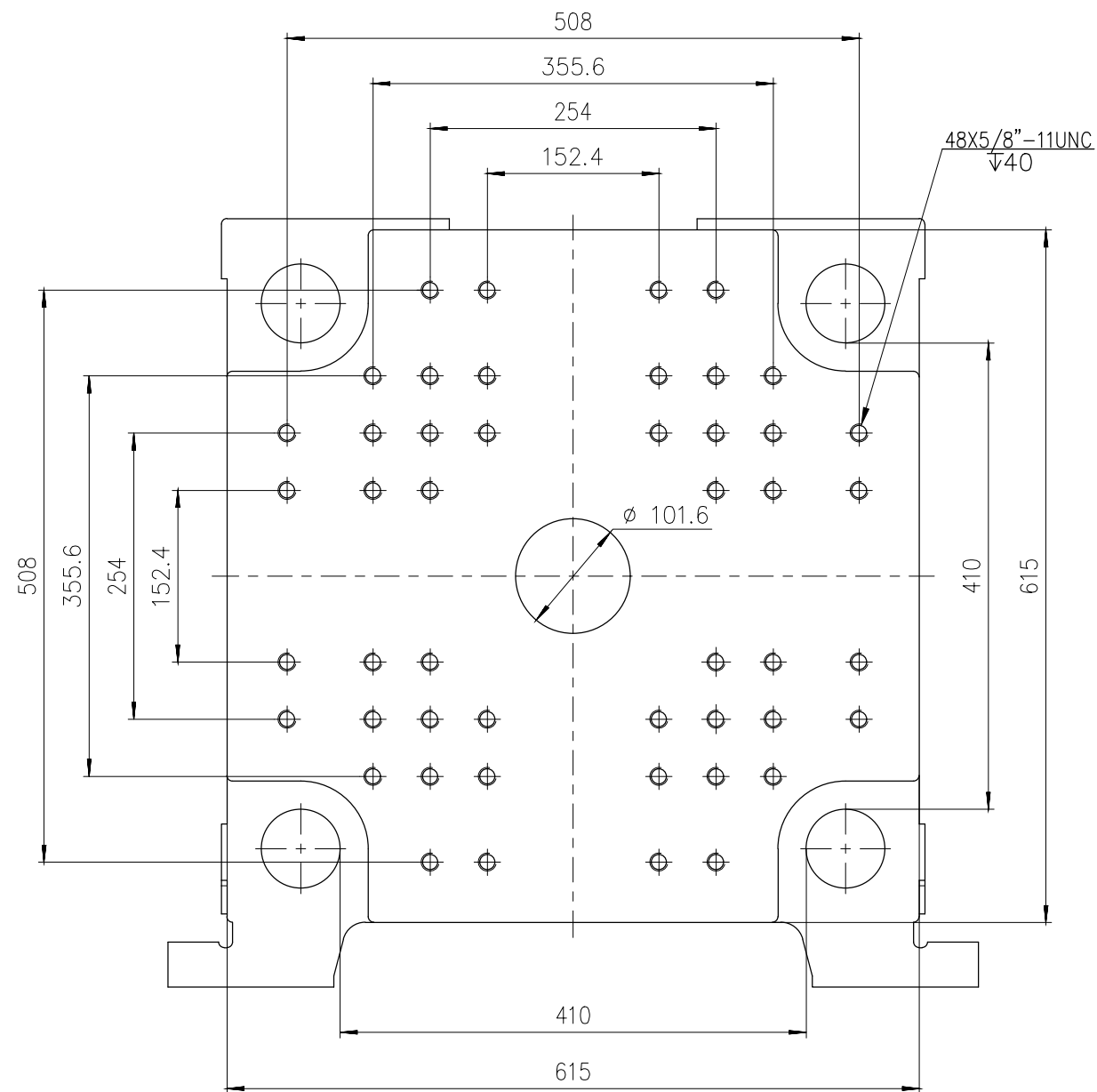
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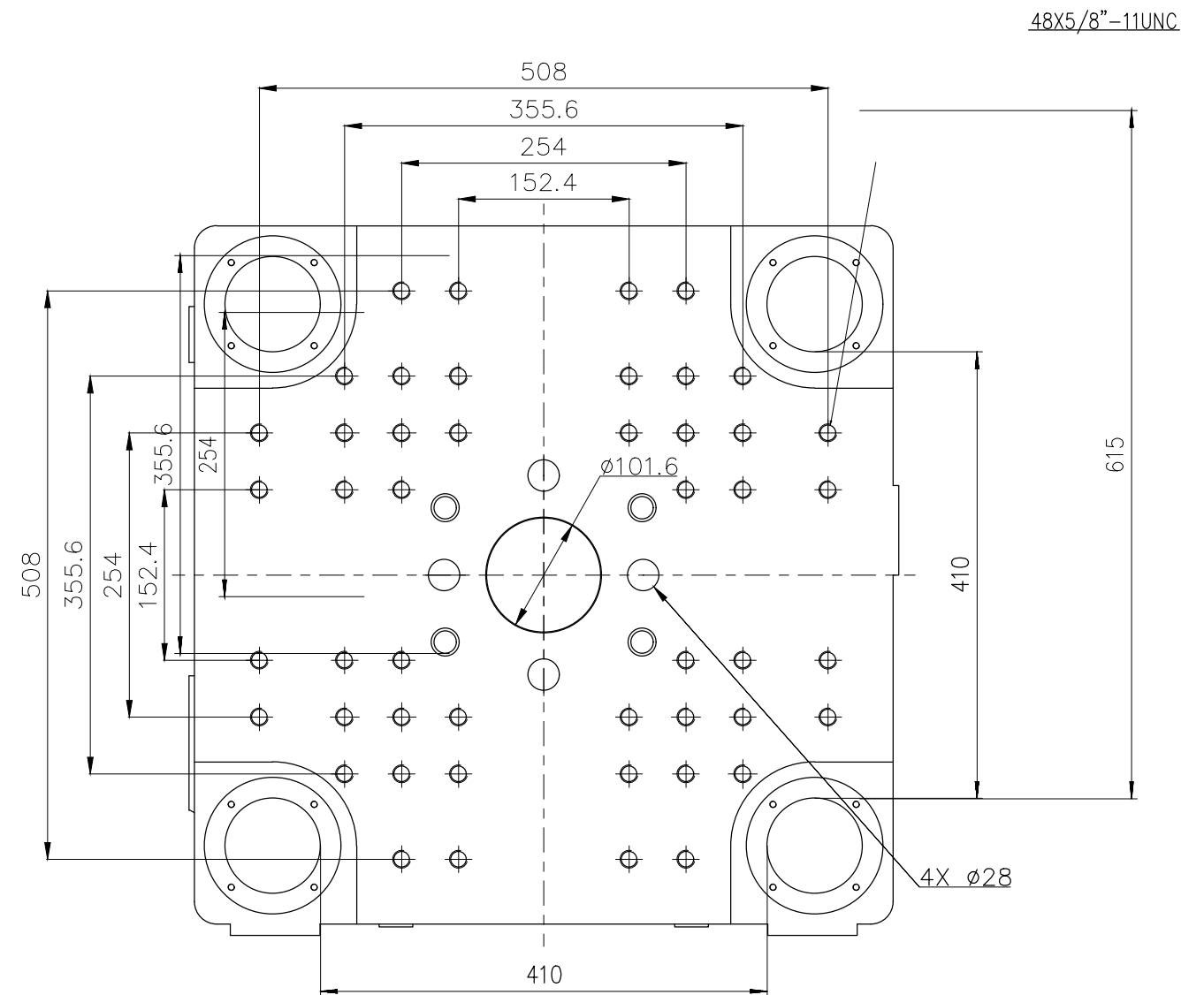
Other		
Pump Motor Power	kW	18.5
Heater Power	kW	12.85
Machine Dimension (LxWxH)	m	4.95x1.24x1.94
Machine Weight	t	4
Hopper Capacity	kg	25
Oil Tank	l	140

***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 1200 Fixed & Moving Platens Drawing

Machine Model: MAV 1200

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:

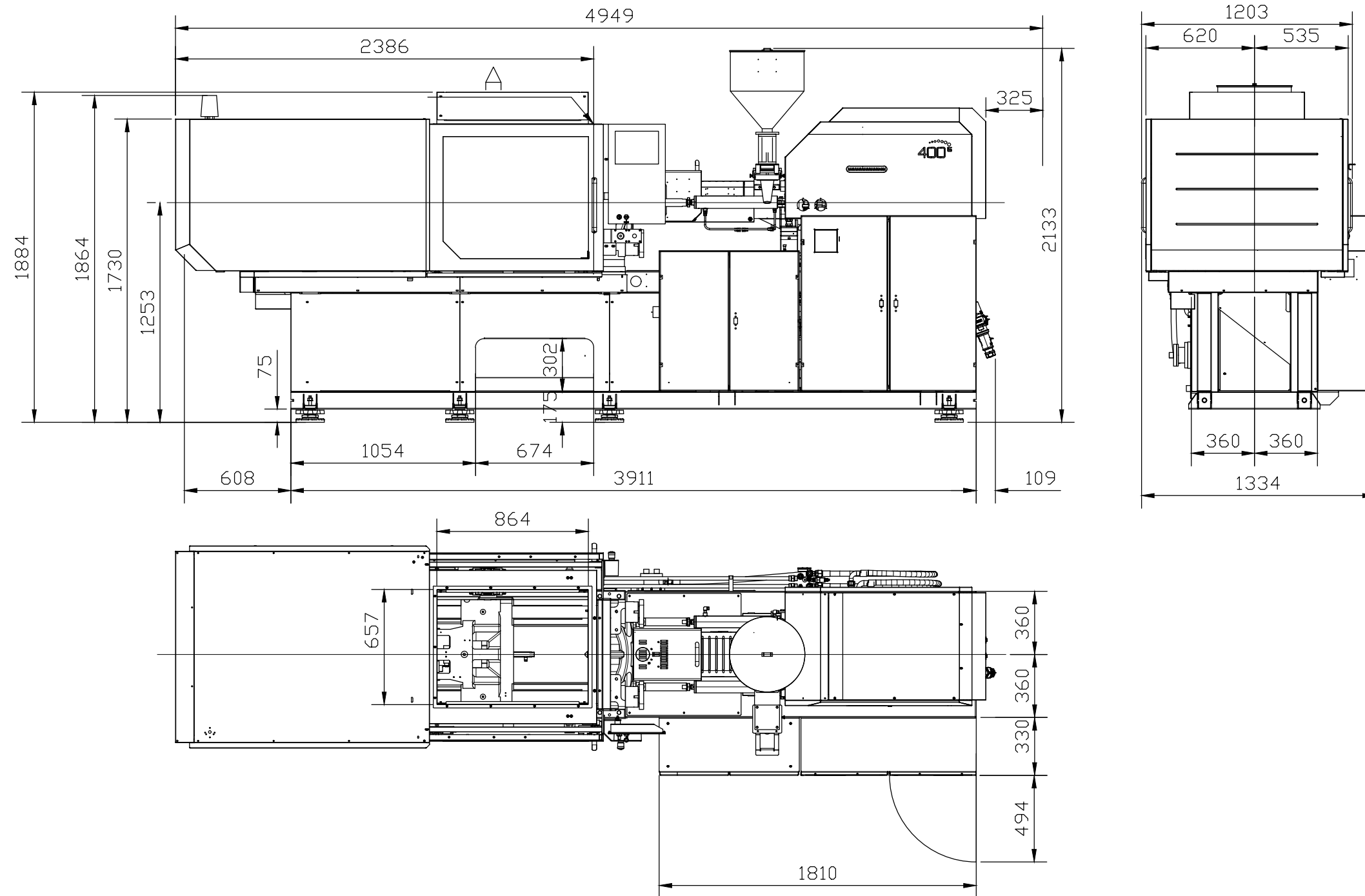
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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

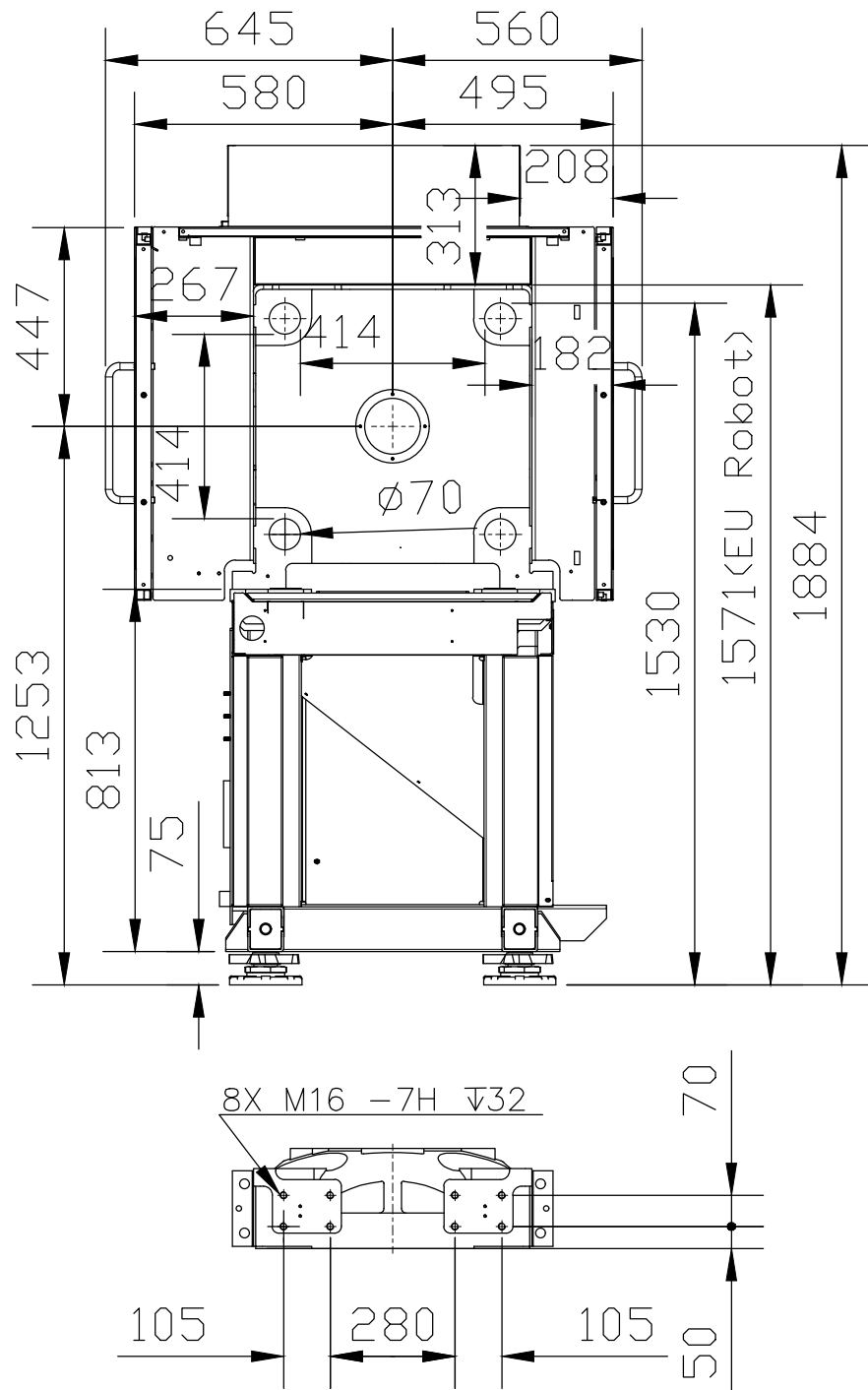
Notes:



Title: MA V 1200 Layout Drawing			
Machine Model: MA V 1200		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 1200 Robot Mounting Drawing

Machine Model: MA V 1200
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: