

MA2000V-750

MARS 5 Series: Toggle Clamp Servo-Hydraulic

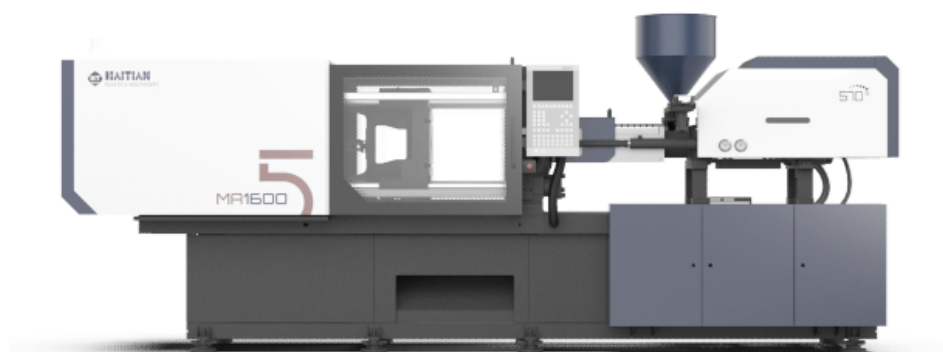


Clamping Unit		MA2000V/750
Clamping Force	kN	2000
Mold Opening Stroke (Min/Max)	mm	490
Minimum Mold Height	mm	200
Maximum Mold Height	mm	550
Maximum Daylight	mm	1040
Distance Between Tie-Bars (HXV)	mm	530x530
Platen Dimensions (HXV)	mm	790x790
Ejector Stroke	mm	140
Ejector Force	kN	62

MA2000V-750

MARS 5 Series: Toggle Clamp Servo-Hydraulic

Injection Unit		750		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	45	50	55
Screw L/D Ratio	L/D	22.2	20	18.2
Injection Volume (theoretical)	cm ³	365	451	546
Injection Weight (PS)	g	332	410	497
Injection Rate (PS)	g/s	166	205	248
Injection Pressure	MPa	233	189	156
Plasticizing Rate (GPPS)	g/s	29	36.5	44.6
Screw Speed	rpm	270	270	270



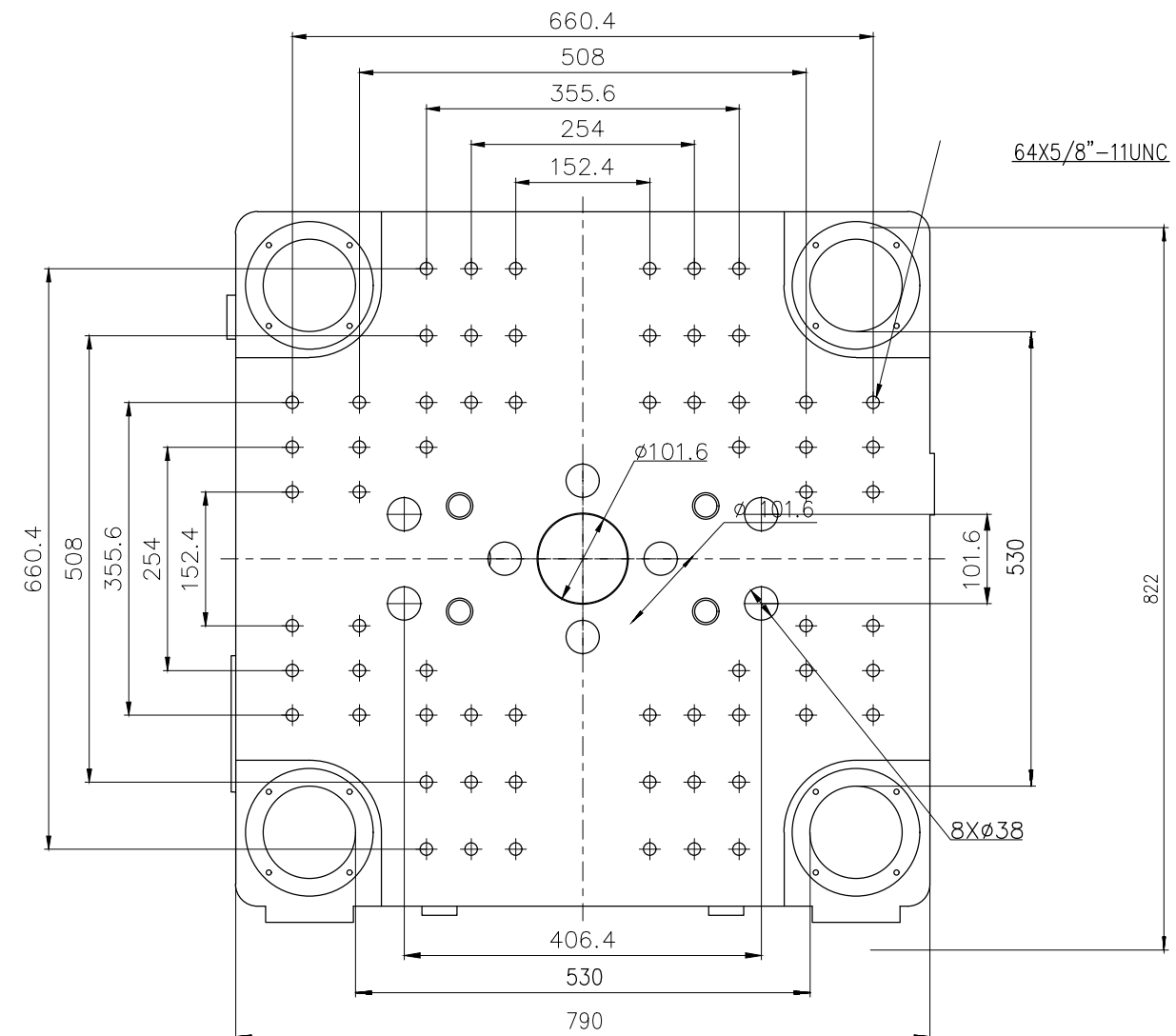
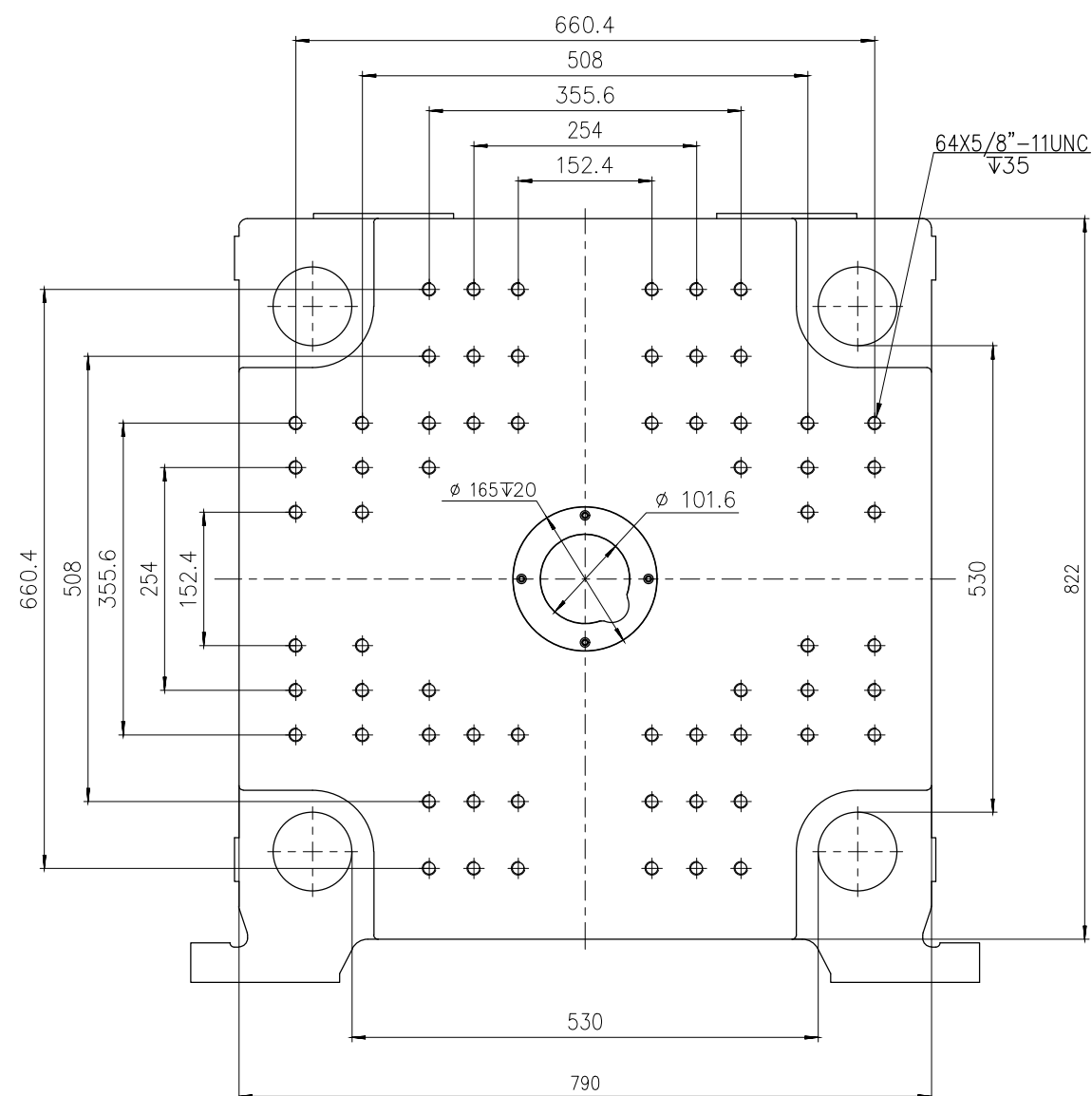
MA2000V-750

MARS 5 Series: Toggle Clamp Servo-Hydraulic

Other		
Pump Motor Power	kW	30
Heater Power	kW	16.8
Machine Dimension (LxWxH)	m	6.08x1.44x2.17
Machine Weight	t	6.7
Hopper Capacity	kg	50
Oil Tank	l	205

***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 2000 Fixed & Moving Platens Drawing				
Machine Model: MAV 2000 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 #:	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:

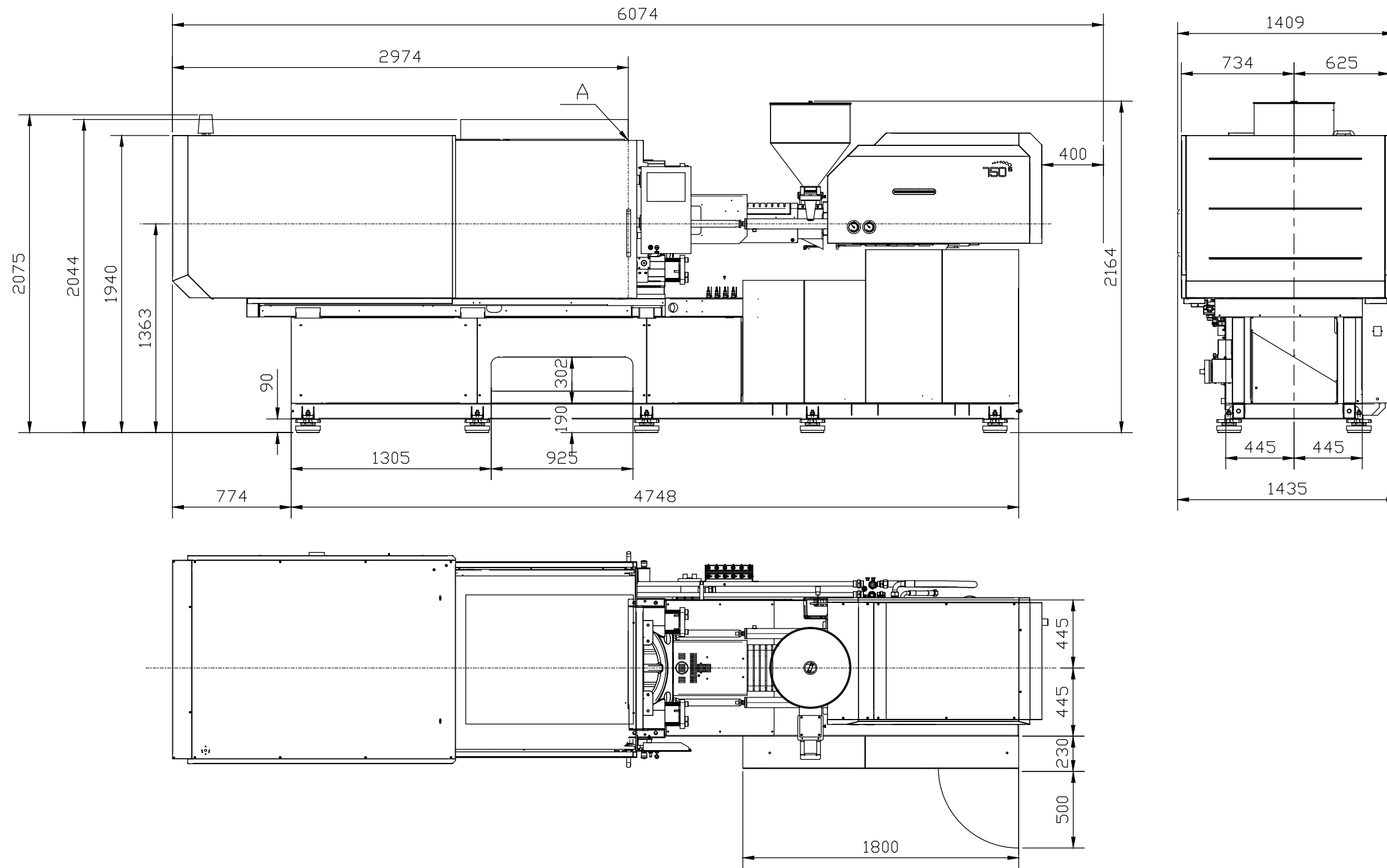
PLEASE READ:

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

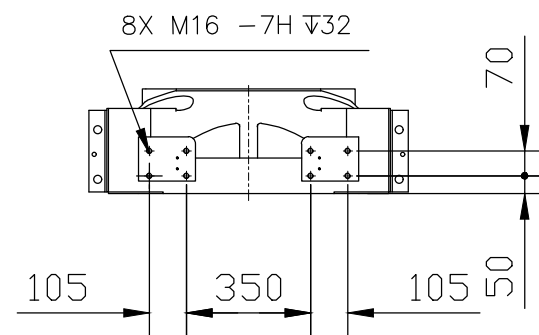
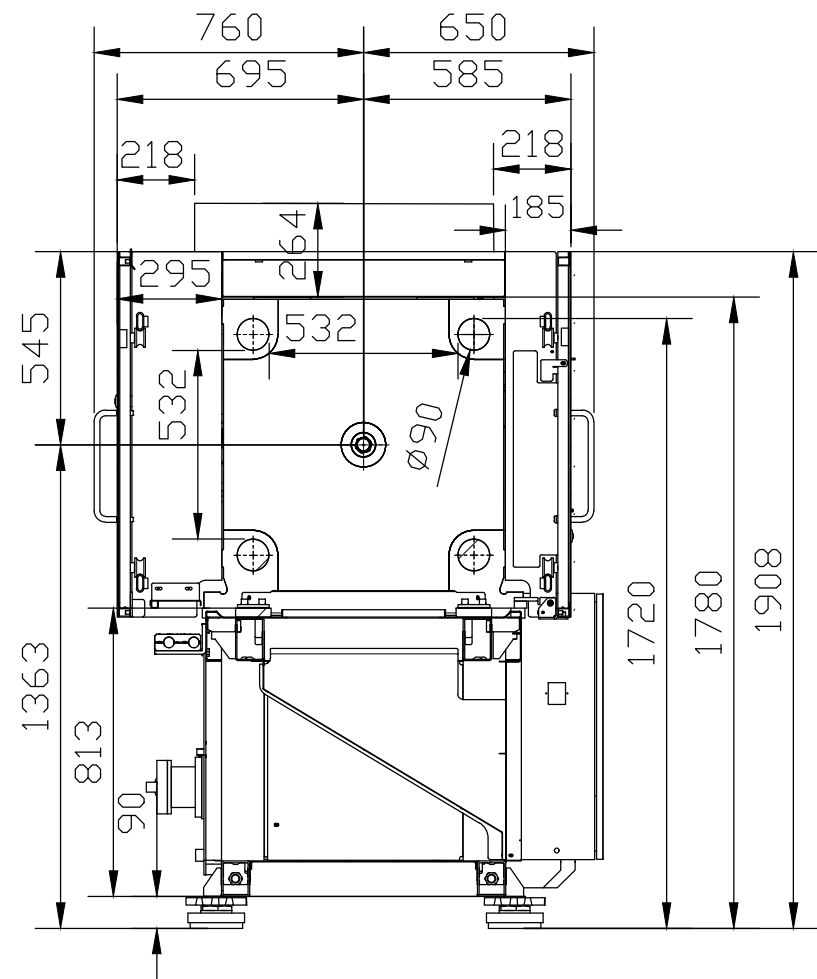
Notes:



Title: MA V 2000 Layout Drawing			
Machine Model: MA V 2000		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 2000 Robot Mounting Drawing

Machine Model: MA V 2000

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: