

MA900V-280

MARS 5 Series: Toggle Clamp Servo-Hydraulic

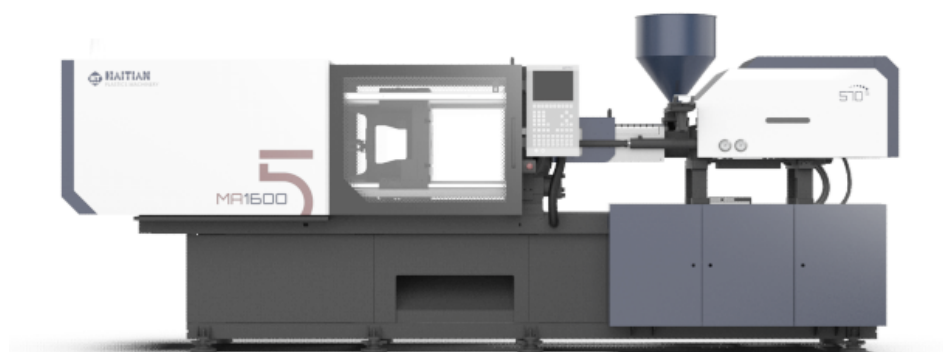


Clamping Unit		MA900V/280
Clamping Force	kN	900
Mold Opening Stroke (Min/Max)	mm	310
Minimum Mold Height	mm	150
Maximum Mold Height	mm	390
Maximum Daylight	mm	700
Distance Between Tie-Bars (HXV)	mm	360x360
Platen Dimensions (HXV)	mm	540x537
Ejector Stroke	mm	100
Ejector Force	kN	33

MA900V-280

MARS 5 Series: Toggle Clamp Servo-Hydraulic

Injection Unit		280		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	32	36	40
Screw L/D Ratio	L/D	22.5	20	18
Injection Volume (theoretical)	cm ³	120	152	188
Injection Weight (PS)	g	109	138	171
Injection Rate (PS)	g/s	87	111	137
Injection Pressure	MPa	248	196	158
Plasticizing Rate (GPPS)	g/s	14.2	18.8	22.7
Screw Speed	rpm	350	350	350



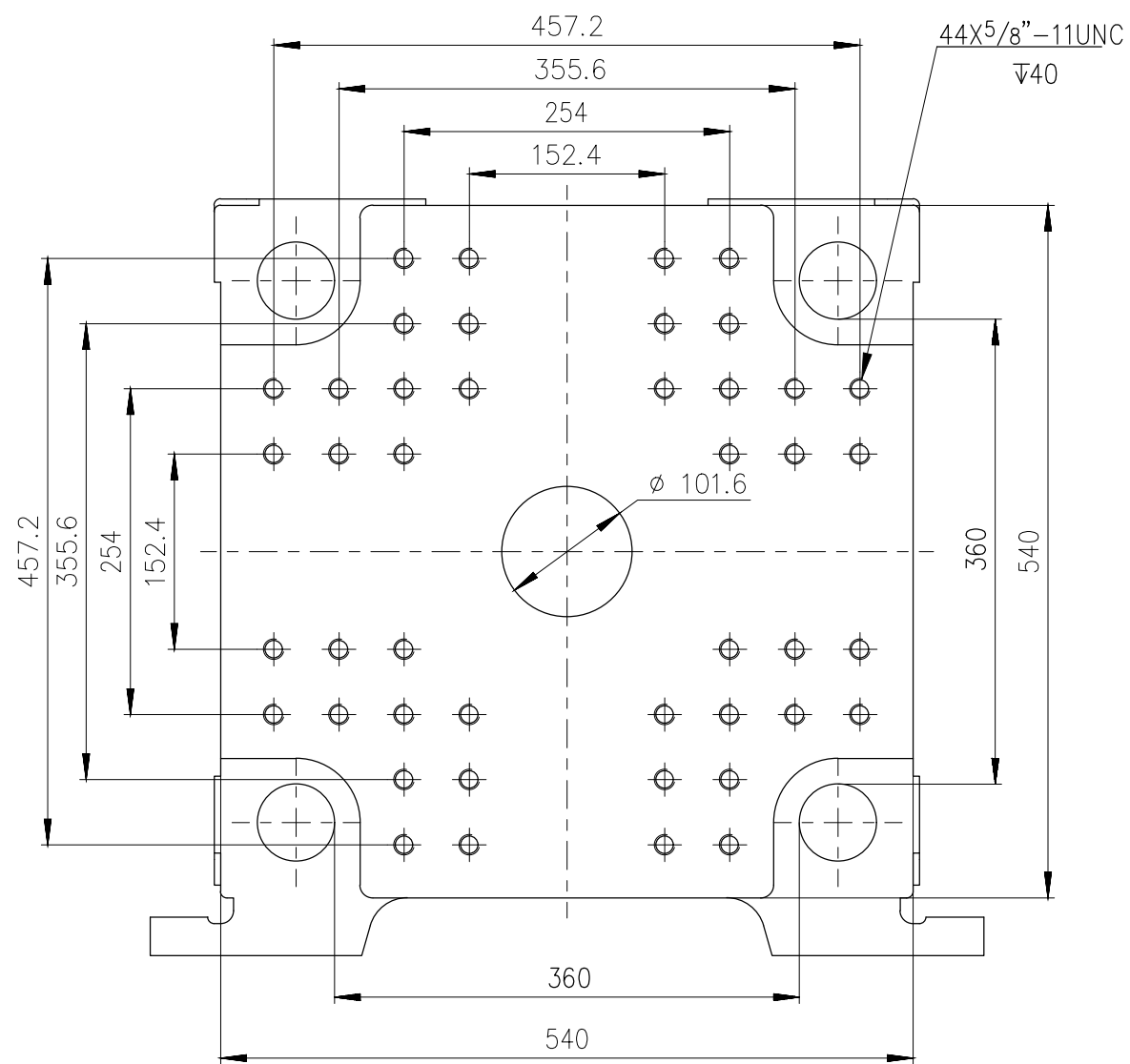
MA900V-280

MARS 5 Series: Toggle Clamp Servo-Hydraulic

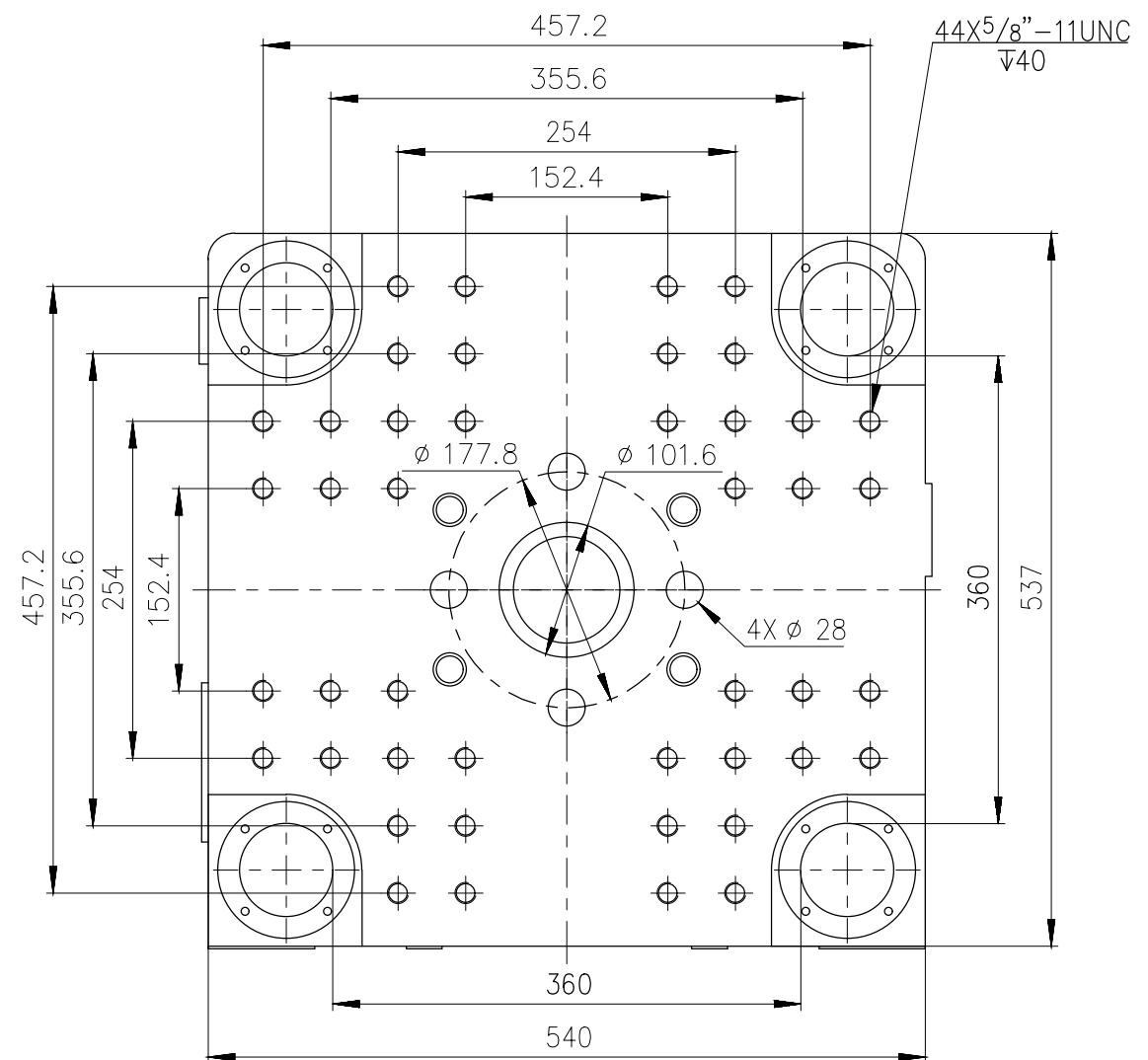
Other		
Pump Motor Power	kW	15
Heater Power	kW	8.6
Machine Dimension (LxWxH)	m	4.35x1.16x1.87
Machine Weight	t	3.1
Hopper Capacity	kg	25
Oil Tank	l	120

***NOTE:**

1. Electric screw drive (screw rotate) is standard for injection units under 11500. For injection units 11500 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: MA V 900 Fixed & Moving Platens Drawing

Machine Model: MA V 900

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 6/19/2024

Chkd By: LEON XIE

Date: 6/19/2024

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:

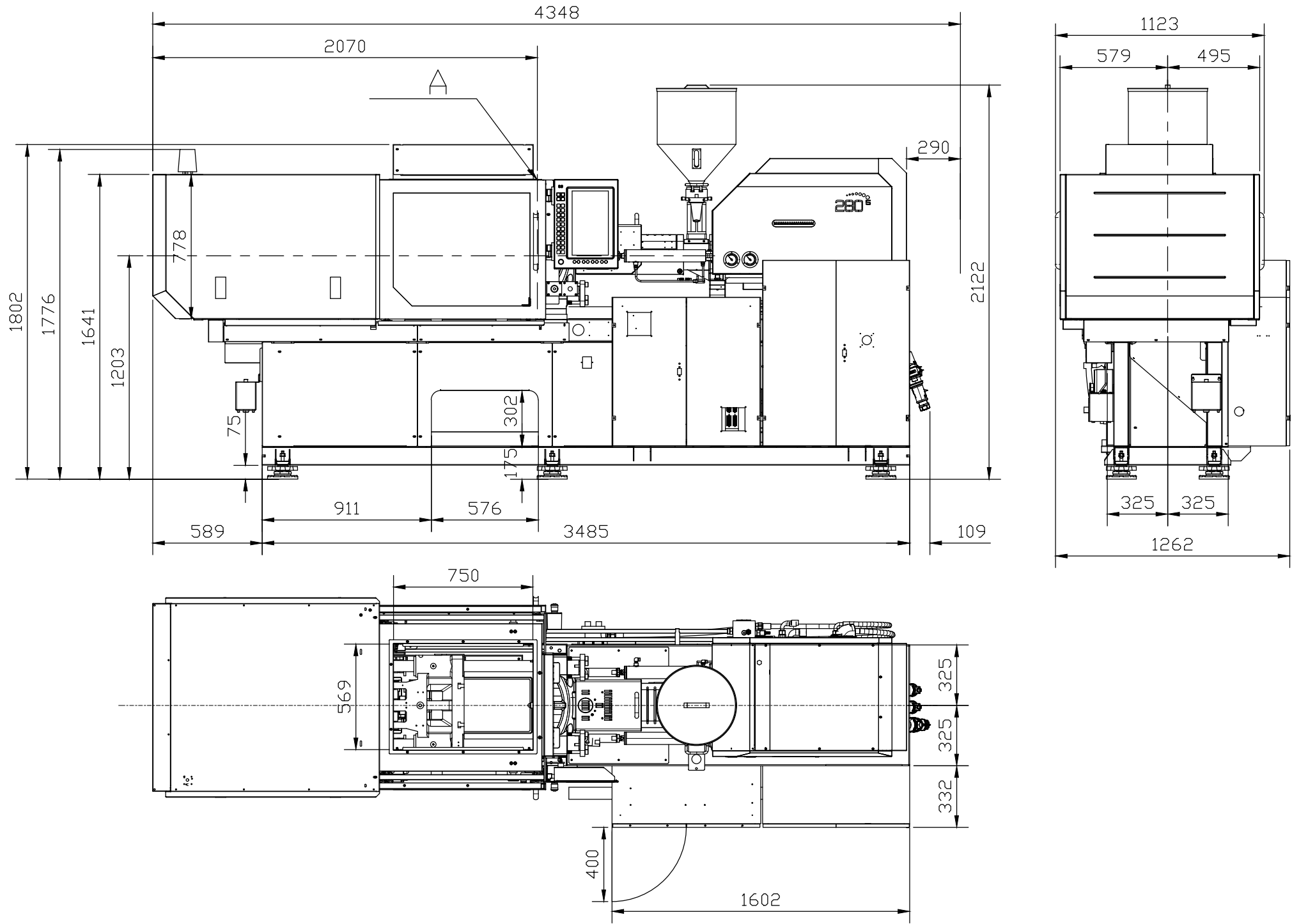
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 900V Layout Drawing

Machine Model: MA 900V

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"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

Part:

PLEASE READ:

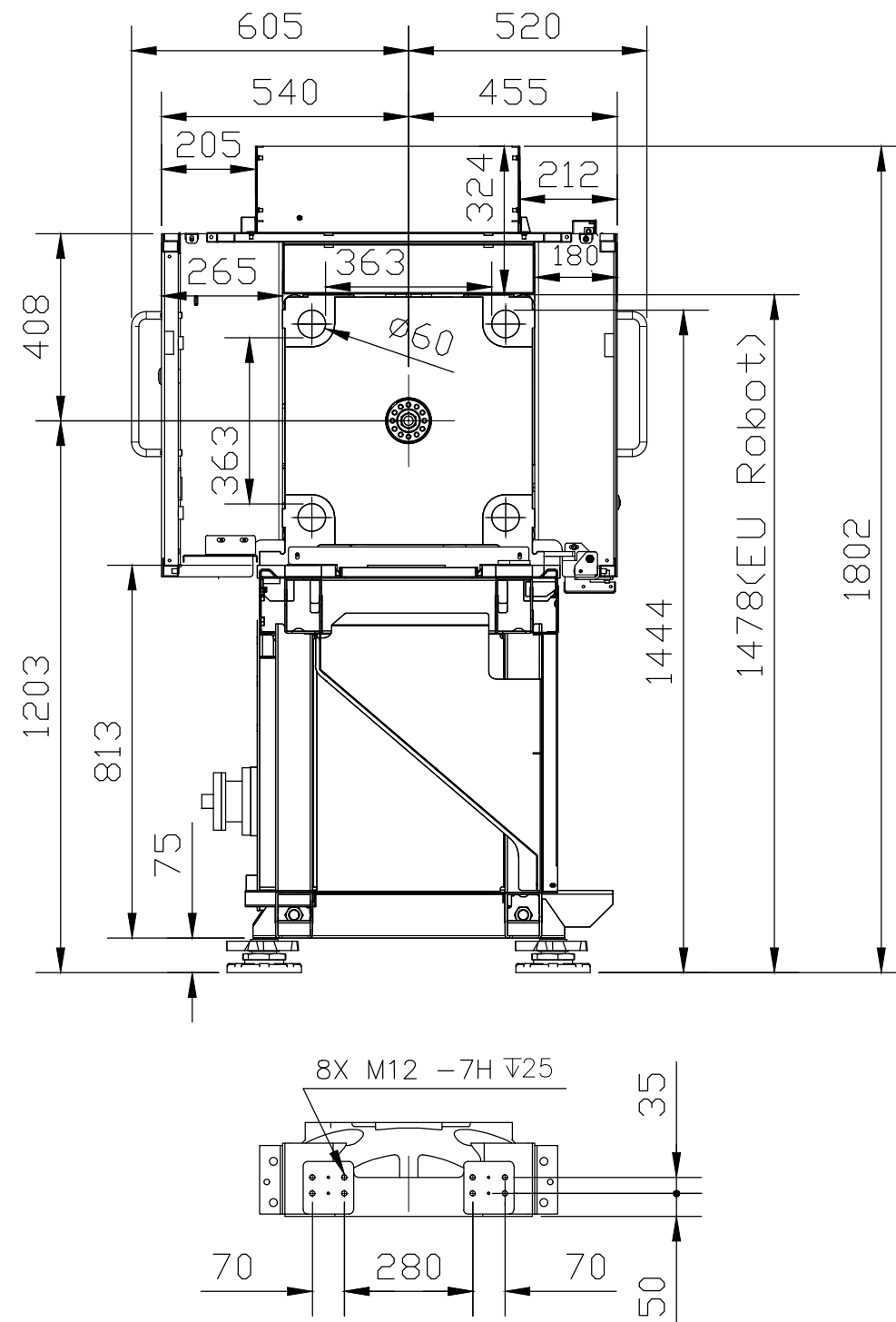
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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



Title: MA V 900 Robot Mounting Drawing					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.	
Machine Model: MA V 900			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: Part: Part: Part: Part: Part:		
Rev #: 3						
Rev #: 4						
Rev #: 5						
					Customer:	Customer Approval: Authorized Signature

Notes: