

MA600V-130

MARS 5 Series: Toggle Clamp Servo-Hydraulic

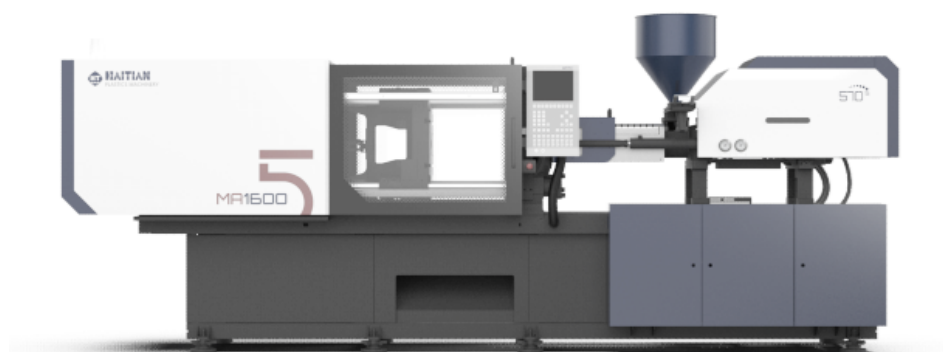


Clamping Unit		MA600V/130
Clamping Force	kN	600
Mold Opening Stroke (Min/Max)	mm	270
Minimum Mold Height	mm	120
Maximum Mold Height	mm	330
Maximum Daylight	mm	600
Distance Between Tie-Bars (HXV)	mm	310x310
Platen Dimensions (HXV)	mm	470x470
Ejector Stroke	mm	70
Ejector Force	kN	22

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Injection Unit		130	
Screw & Barrel Designation		A	B
Screw Diameter	mm	24	28
Screw L/D Ratio	L/D	23.3	20
Injection Volume (theoretical)	cm ³	49	67
Injection Weight (PS)	g	45	61
Injection Rate (PS)	g/s	53	72
Injection Pressure	MPa	263	193
Plasticizing Rate (GPPS)	g/s	6.1	8.8
Screw Speed	rpm	350	350



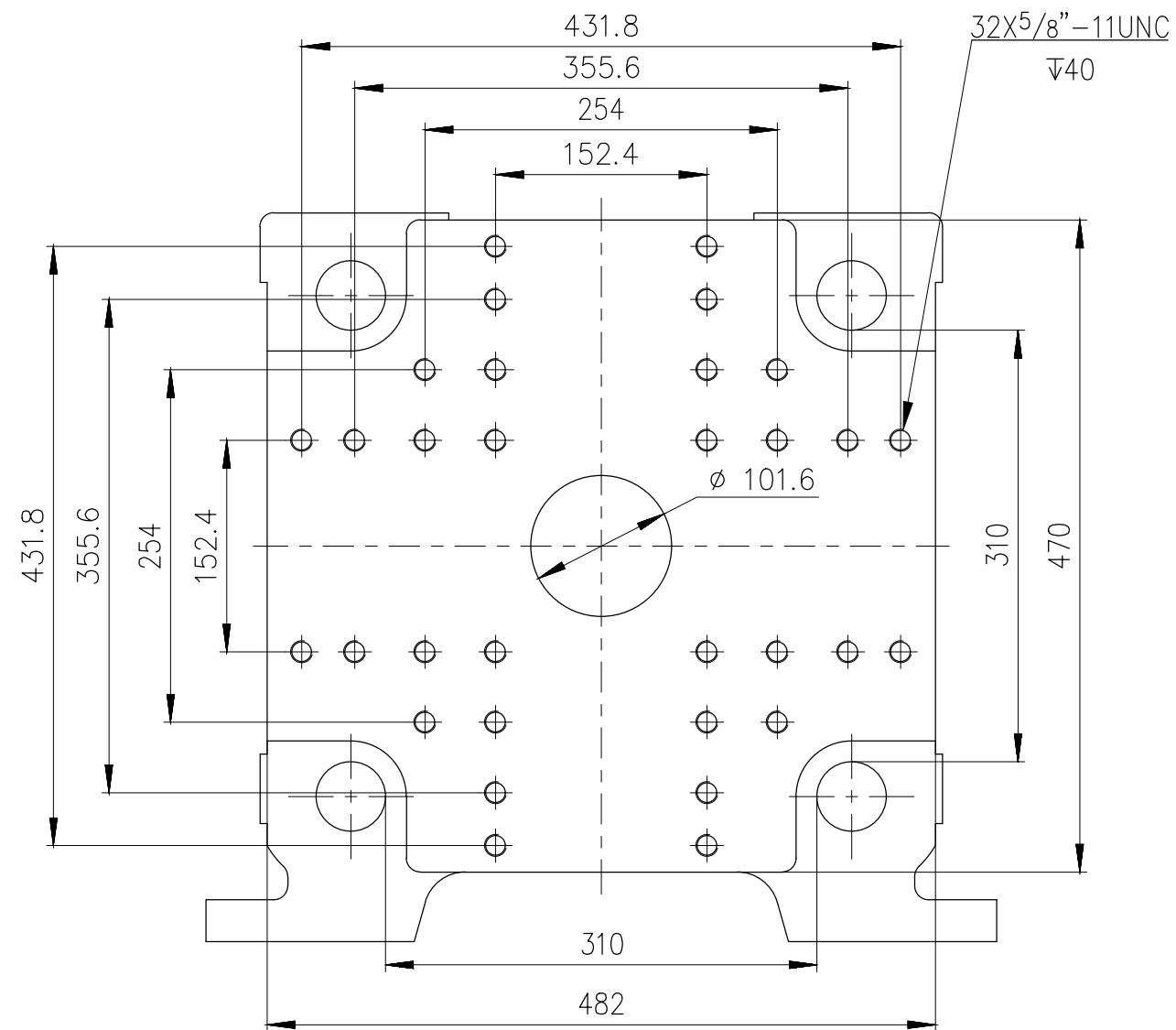
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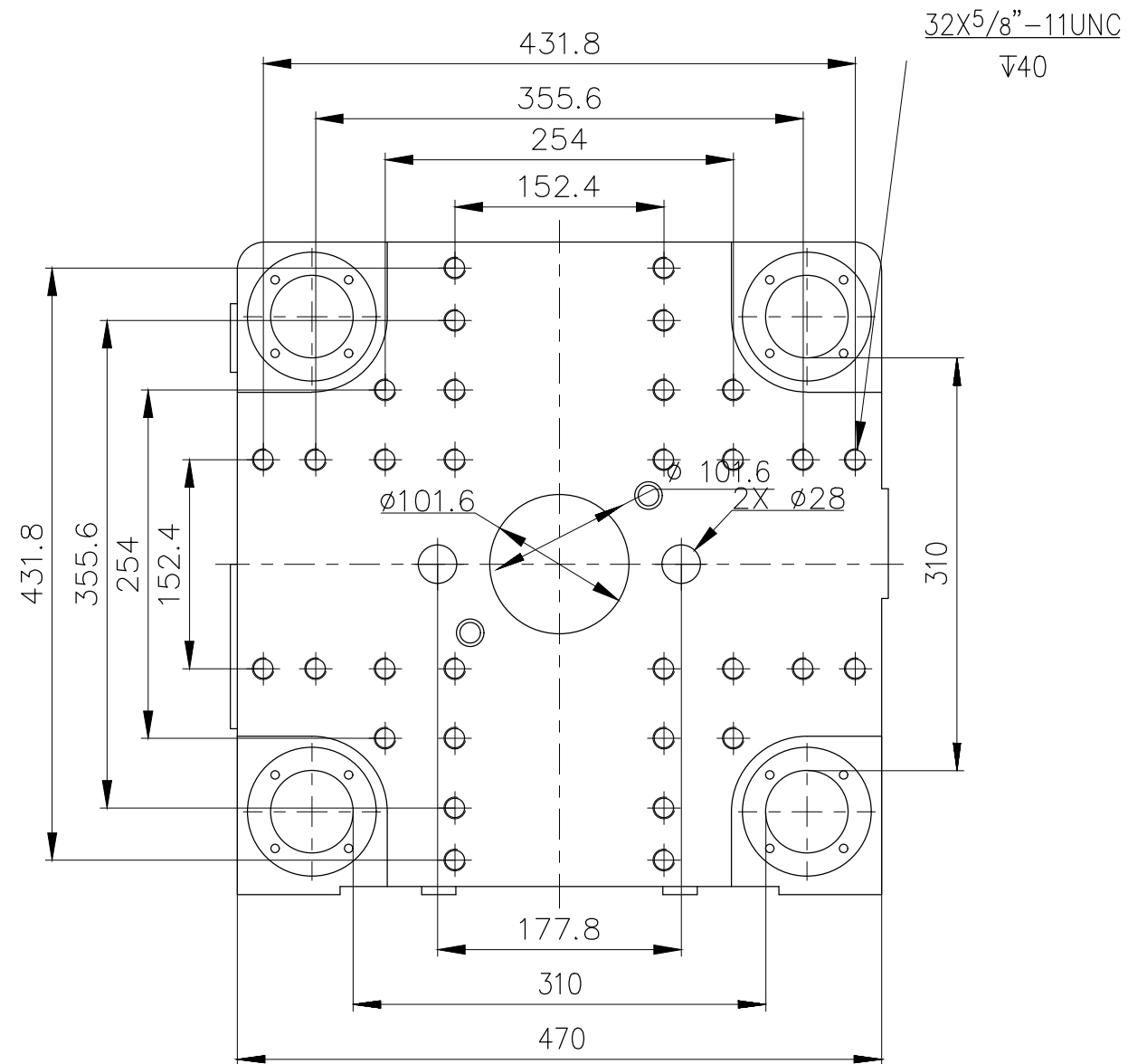
Other		
Pump Motor Power	kW	13
Heater Power	kW	6.5
Machine Dimension (LxWxH)	m	3.92x1.09x1.84
Machine Weight	t	2.5
Hopper Capacity	kg	25
Oil Tank	l	90

***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

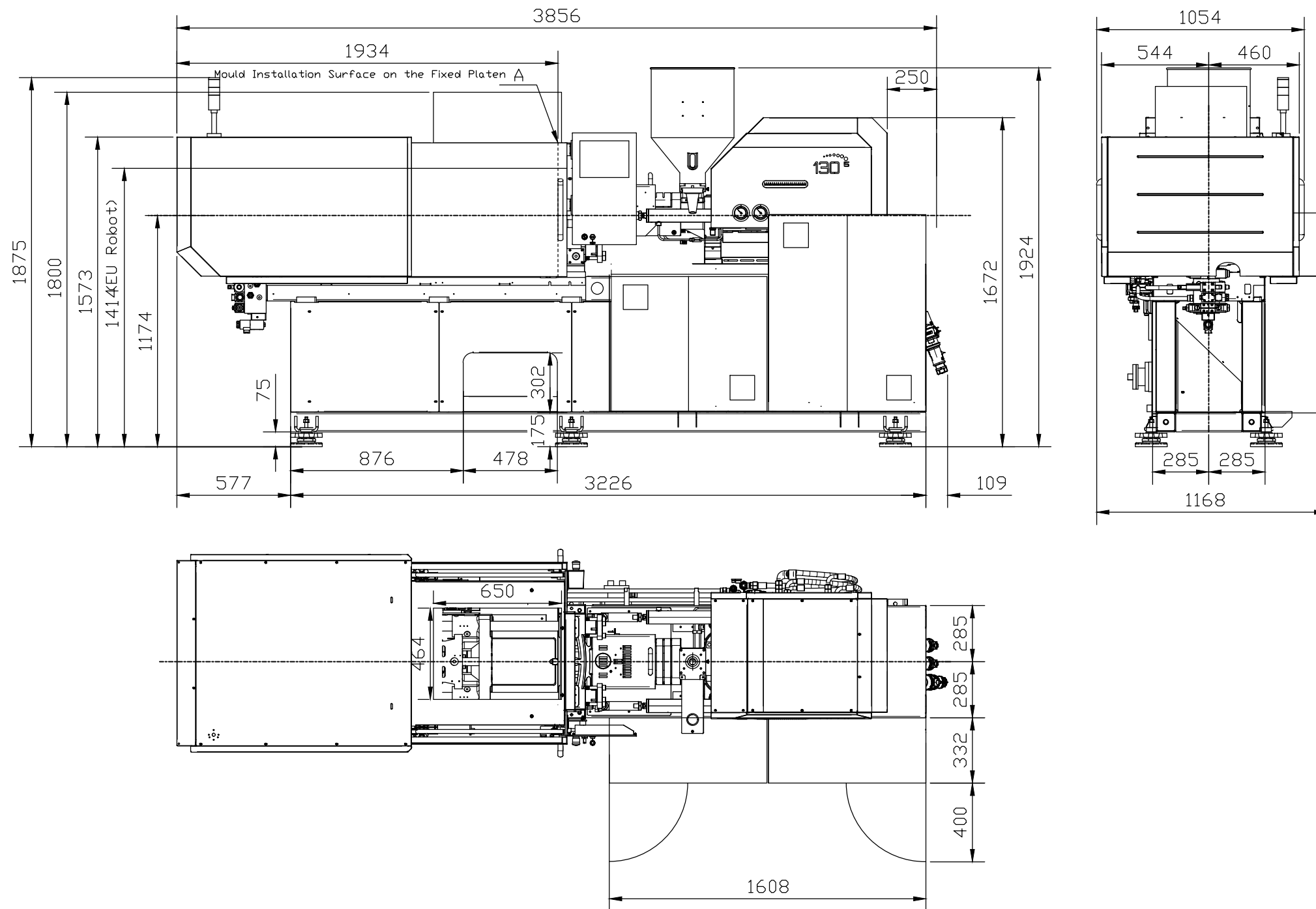


Title: MAV 600 Fixed & Moving Platens Drawing			
Machine Model: MAV 600		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 1/9/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 1/9/2024
Revision	Date:	Drawing #:	Size: 11 X 17 "B"
Rev #: 1			Units: mm / [in]
Rev #: 2			Material:
Rev #: 3			Part:
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 600 Layout Drawing			
Machine Model: MA V 600		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 3/27/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 3/27/2024
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:

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Customer:	Customer Approval: Authorized Signature

Notes:
