

MA3800V-2250

MARS 5 Series: Toggle Clamp Servo-Hydraulic

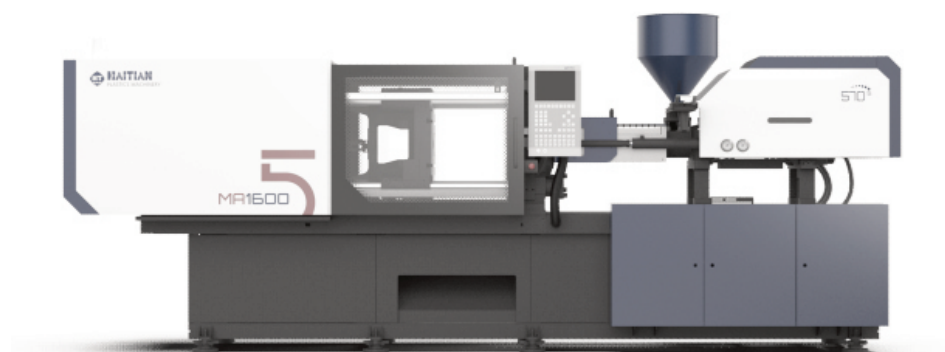


Clamping Unit		MA3800V/2250
Clamping Force	kN	3800
Mold Opening Stroke (Min/Max)	mm	700
Minimum Mold Height	mm	280
Maximum Mold Height	mm	730
Maximum Daylight	mm	1430
Distance Between Tie-Bars (HXV)	mm	730x730
Platen Dimensions (HXV)	mm	1036x1040
Ejector Stroke	mm	180
Ejector Force	kN	110

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Injection Unit		2250		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	65	70	75
Screw L/D Ratio	L/D	21.5	20	18.7
Injection Volume (theoretical)	cm ³	1068	1239	1422
Injection Weight (PS)	g	972	1127	1294
Injection Rate (PS)	g/s	317	367	422
Injection Pressure	MPa	214	185	161
Plasticizing Rate (GPPS)	g/s	62	71.1	80.4
Screw Speed	rpm	240	240	240



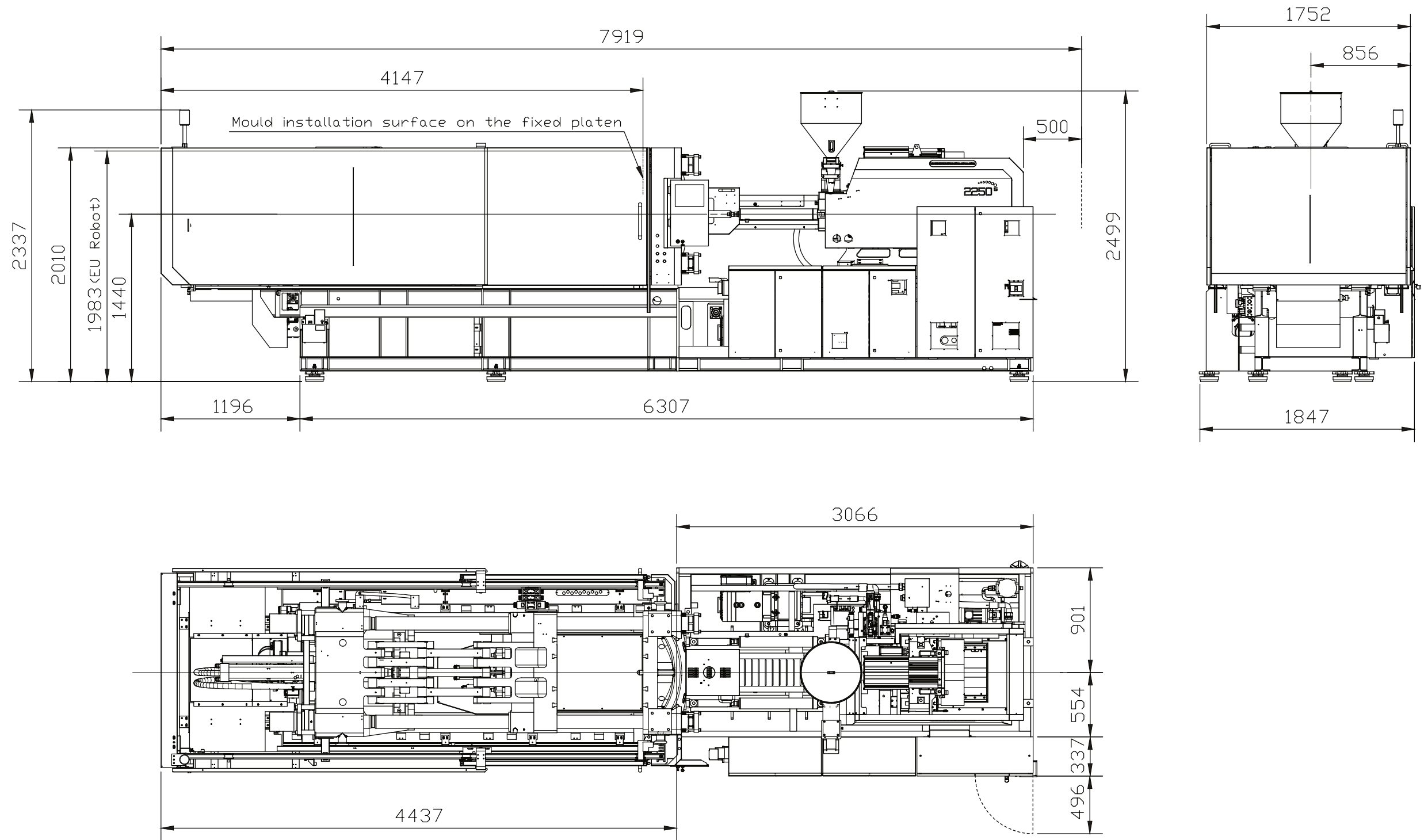
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Other		
Pump Motor Power	kW	55
Heater Power	kW	30.7
Machine Dimension (LxWxH)	m	7.56x1.85x2.34
Machine Weight	t	14.7
Hopper Capacity	kg	50
Oil Tank	l	490

***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.



Title: MA V 3800 Layout Drawing

Machine Model: MA V 3800

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:

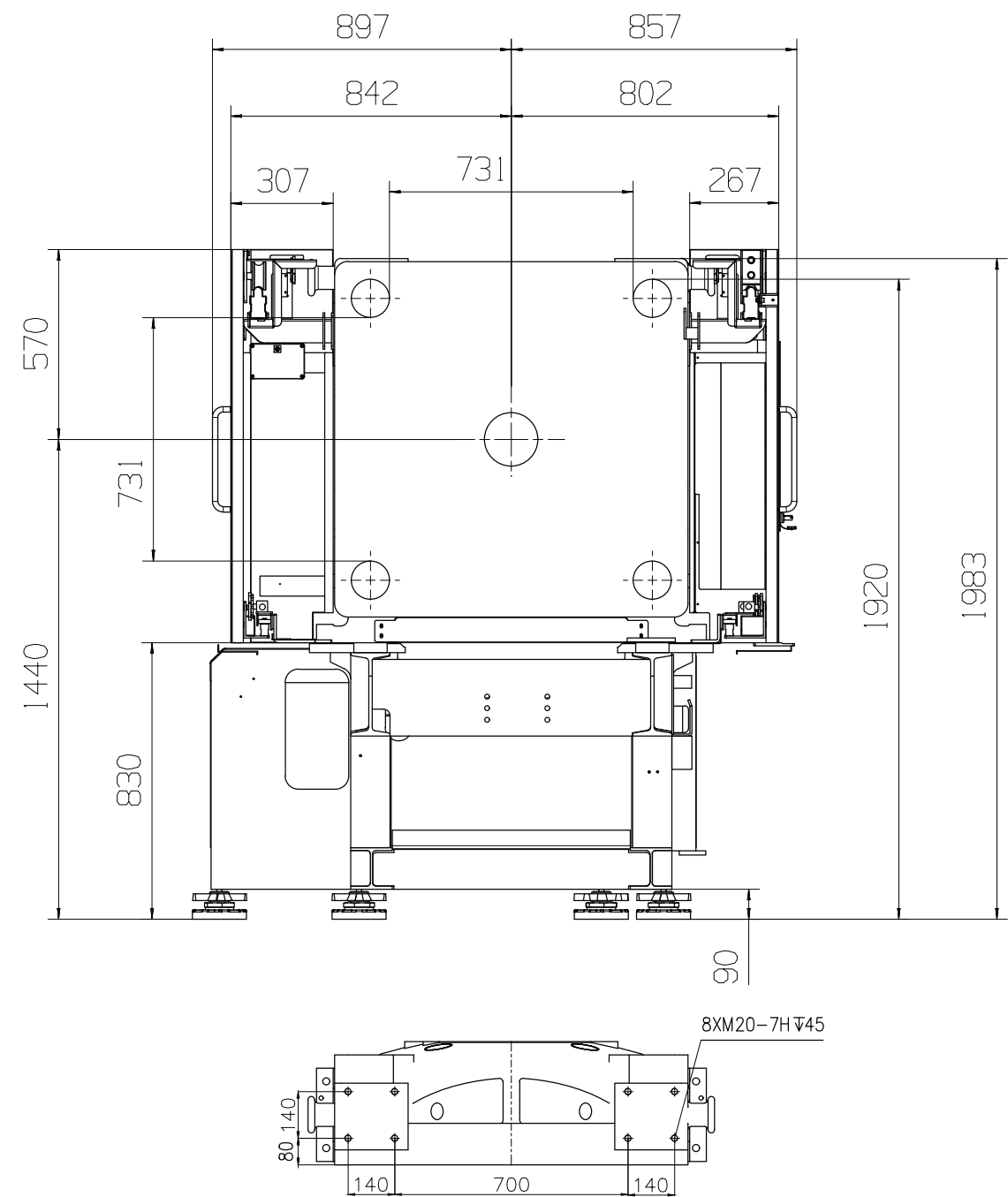
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 3800 Robot Mounting Drawing

Machine Model: MA V 3800
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:

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Notes: