

MA3800V-3200

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA3800V
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

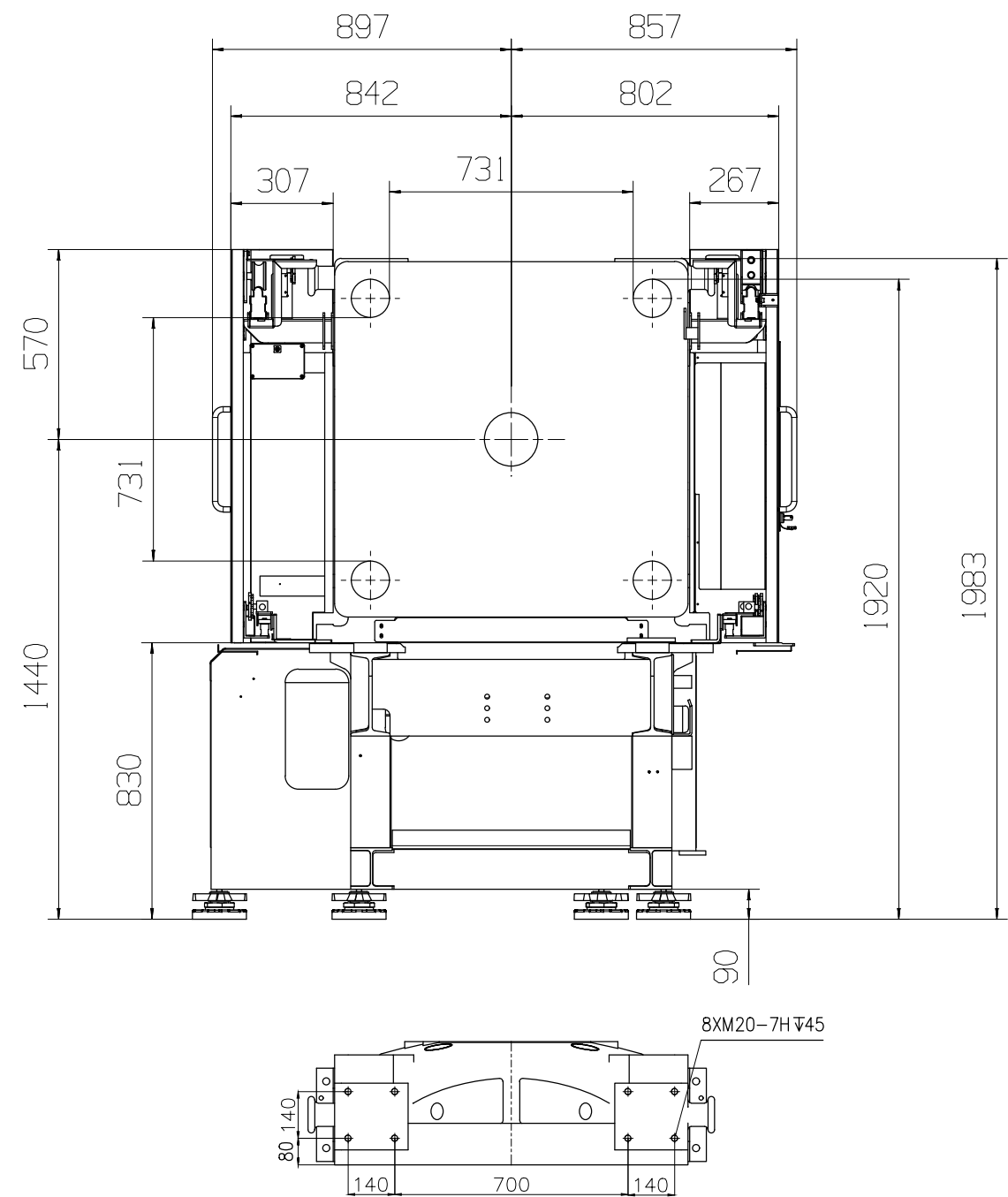
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Injection Unit		3200		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	70	80	85
Screw L/D Ratio	L/D	22.9	20	19.1
Injection Volume (theoretical)	cm ³	1423	1859	2099
Injection Weight (PS)	g	1295	1692	1910
Injection Rate (PS)	g/s	366	478	539
Injection Pressure	MPa	240	183	162
Plasticizing Rate (GPPS)	g/s	69.8	92	101
Screw Speed	rpm	220	220	220

***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.



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:

Customer Approval:

Authorized Signature

Notes: