

MA2800V-1700

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA2800V/1700
Clamping Force	kN	2800
Mold Opening Stroke (Min/Max)	mm	590
Minimum Mold Height	mm	230
Maximum Mold Height	mm	630
Maximum Daylight	mm	1220
Distance Between Tie-Bars (HXV)	mm	630x630
Platen Dimensions (HXV)	mm	930x930
Ejector Stroke	mm	150
Ejector Force	kN	62

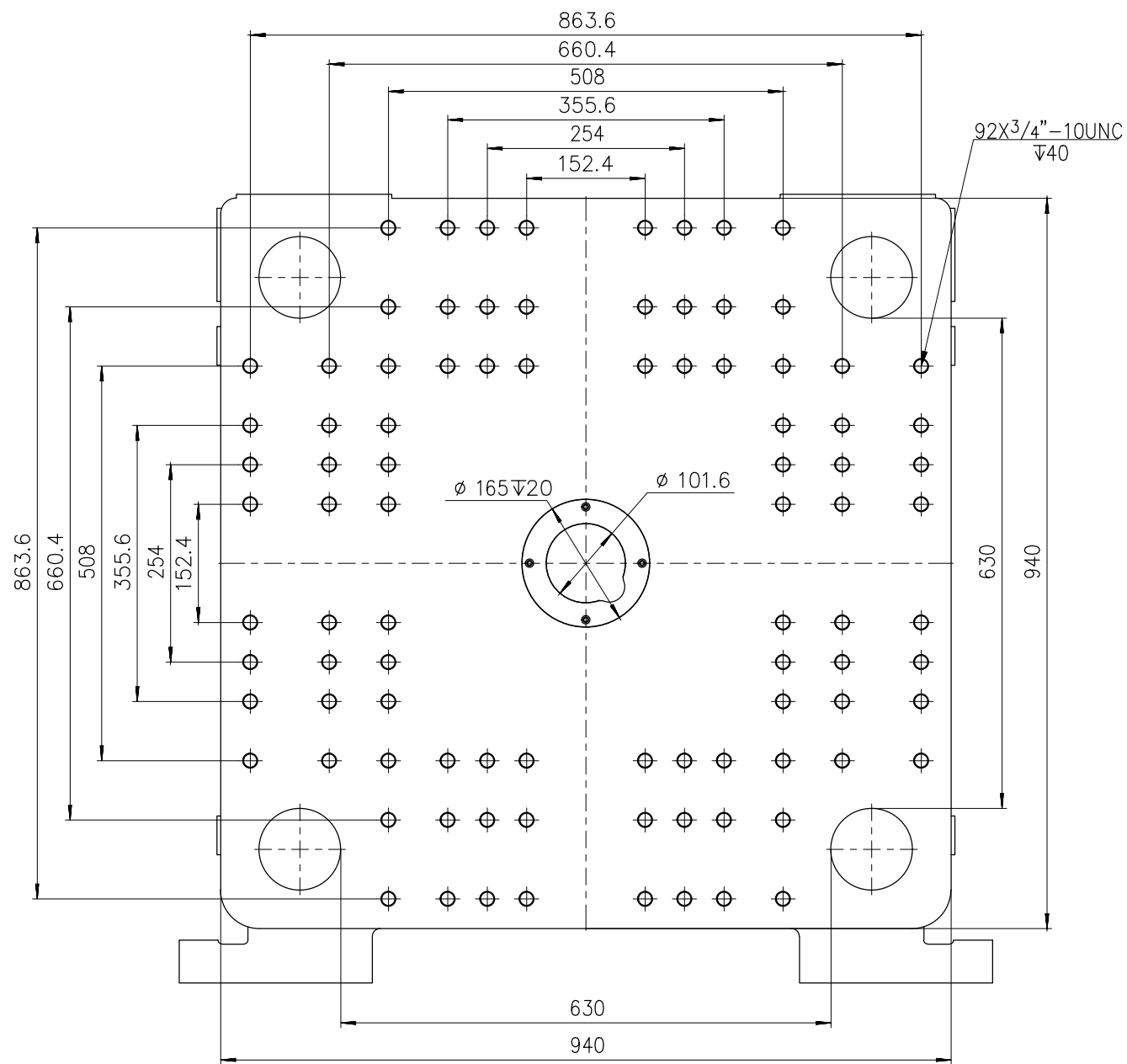
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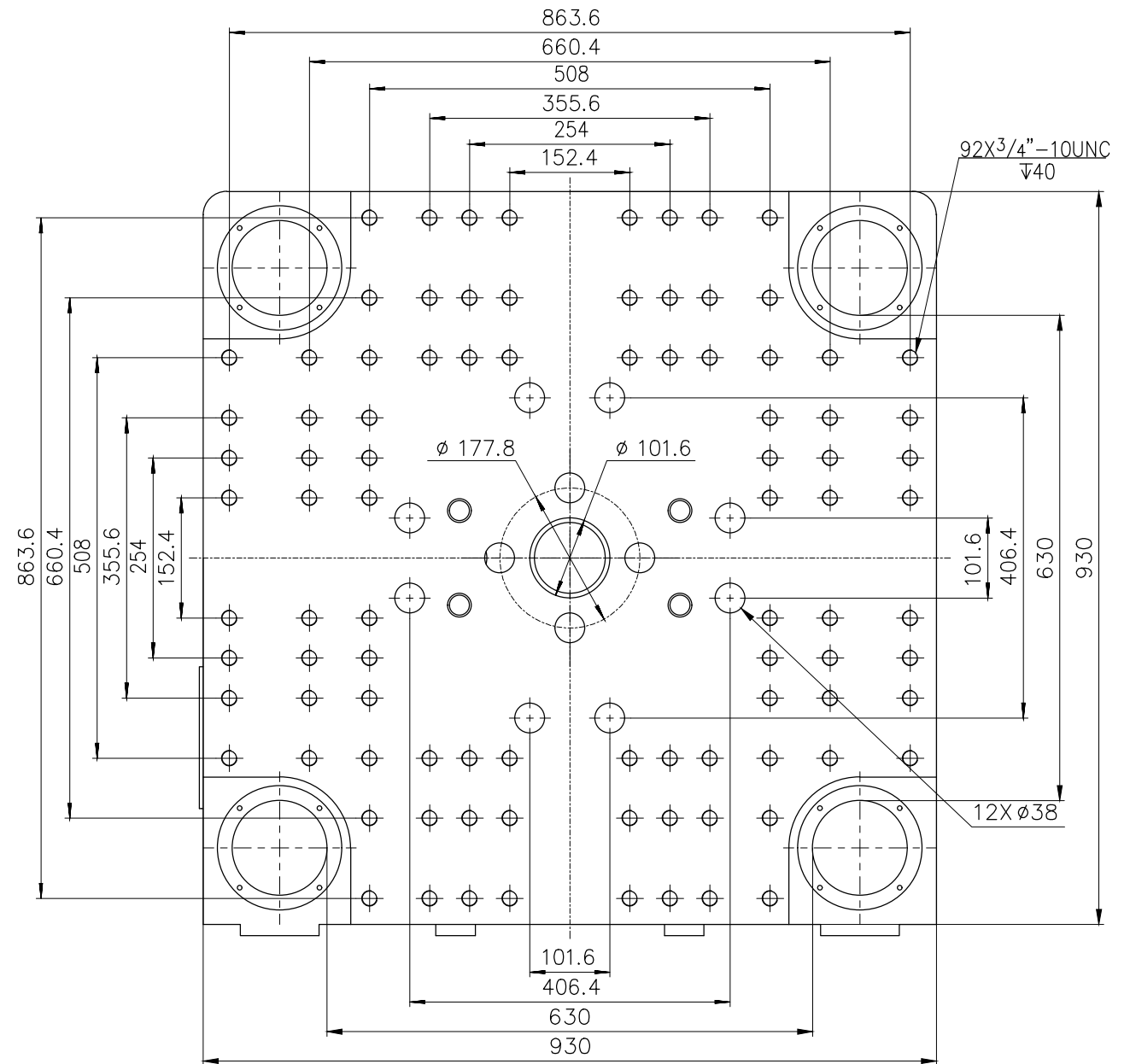
Injection Unit		1700		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	60	65	70
Screw L/D Ratio	L/D	21.7	20	18.6
Injection Volume (theoretical)	cm ³	848	995	1154
Injection Weight (PS)	g	771	905	1050
Injection Rate (PS)	g/s	308	362	420
Injection Pressure	MPa	224	190	164
Plasticizing Rate (GPPS)	g/s	59.9	66.5	75.5
Screw Speed	rpm	260	260	260

***NOTE:**

1. Electric screw drive (screw rotate) is standard for injection units 8400 and under. 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 2800 Fixed & Moving Platens Drawing

Machine Model: MAV 2800

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2024

Chkd By: LEON XIE

Date: 1/9/2024

NOT TO SCALE Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

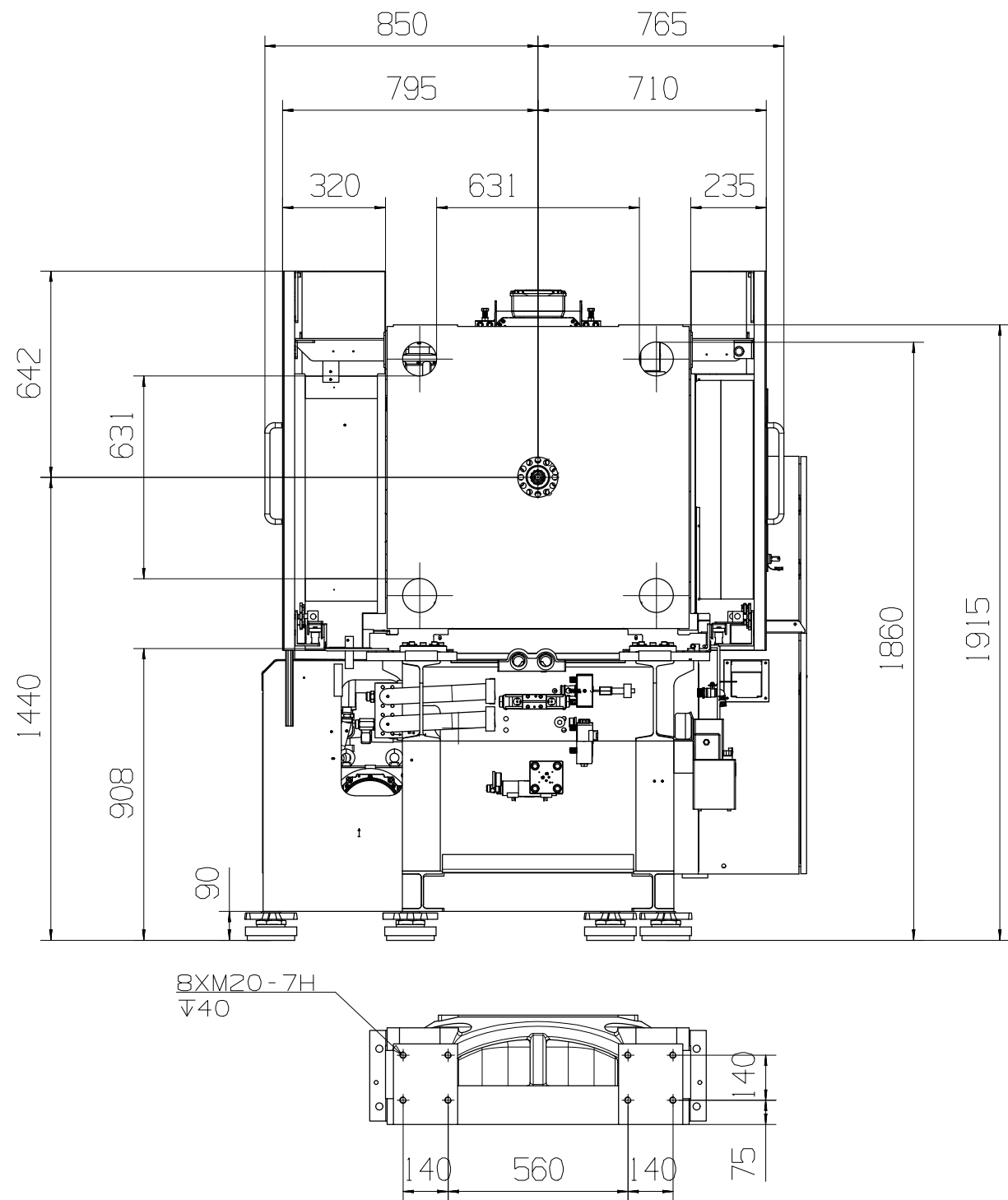
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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 V 2800 Robot Mounting Drawing

Machine Model: MA V 2800
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

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:

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Authorized Signature

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