

MA3800V-4500

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA3800V/4500
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

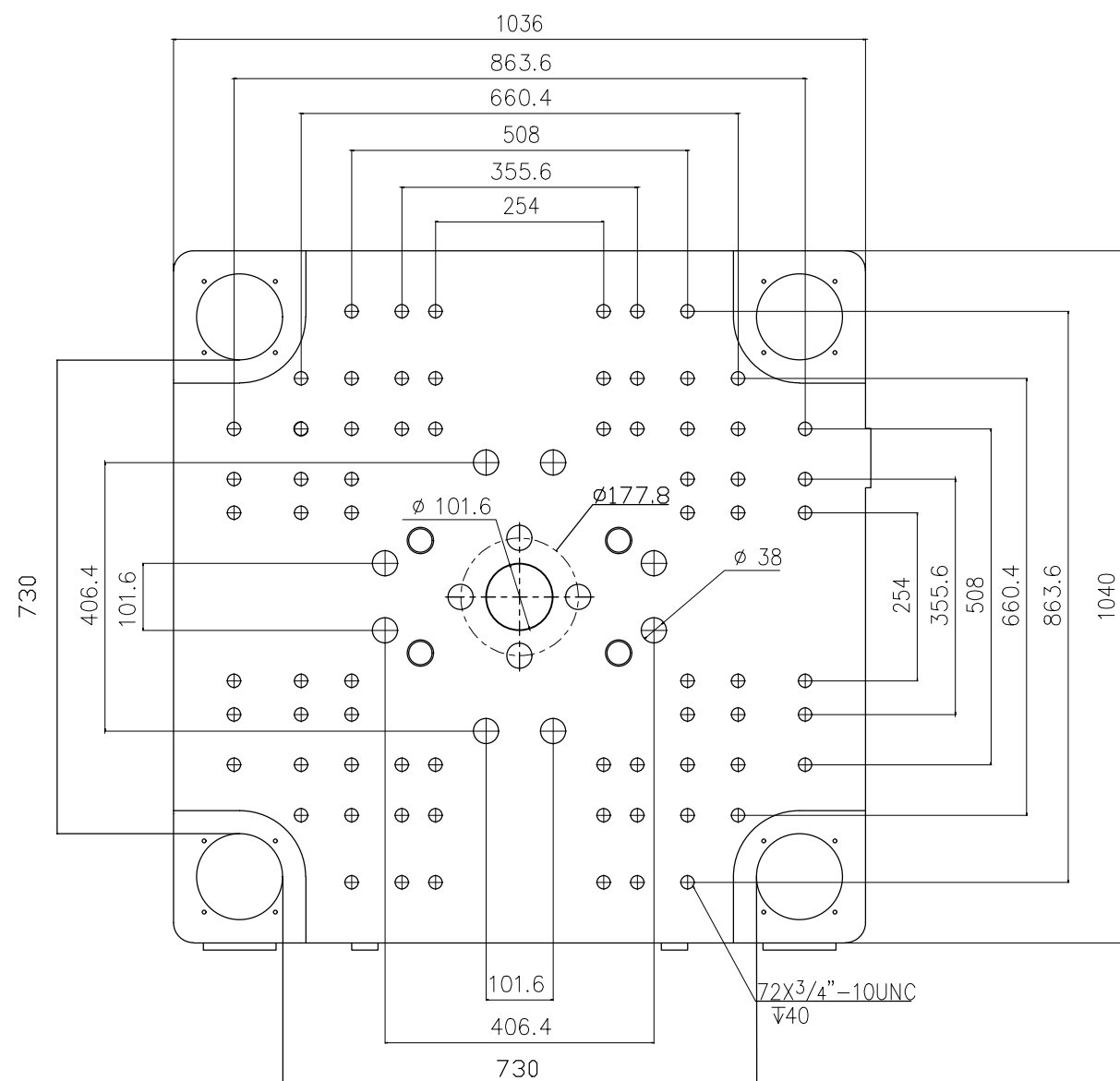
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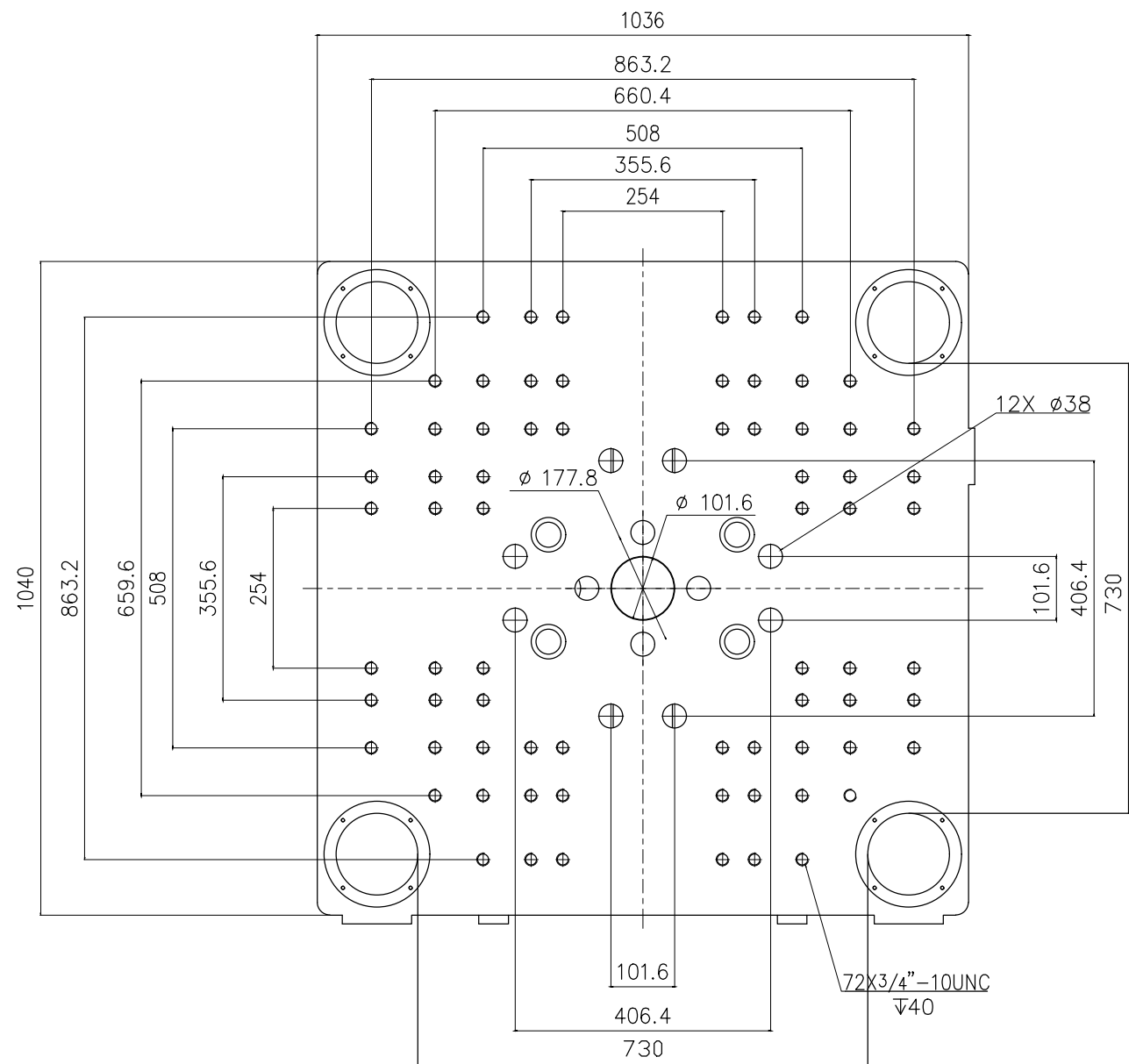
Injection Unit		4500		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	85	90
Screw L/D Ratio	L/D	23.4	22	20.8
Injection Volume (theoretical)	cm ³	2211	2496	2799
Injection Weight (PS)	g	2012	2272	2547
Injection Rate (PS)	g/s	516	583	654
Injection Pressure	MPa	210	186	165
Plasticizing Rate (GPPS)	g/s	80.2	88.7	101
Screw Speed	rpm	200	200	200

***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 3800 Fixed & Moving Platens Drawing

Machine Model: MAV 3800

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: