

MA18500V-15800

MARS 5 Series: Toggle Clamp Servo-Hydraulic

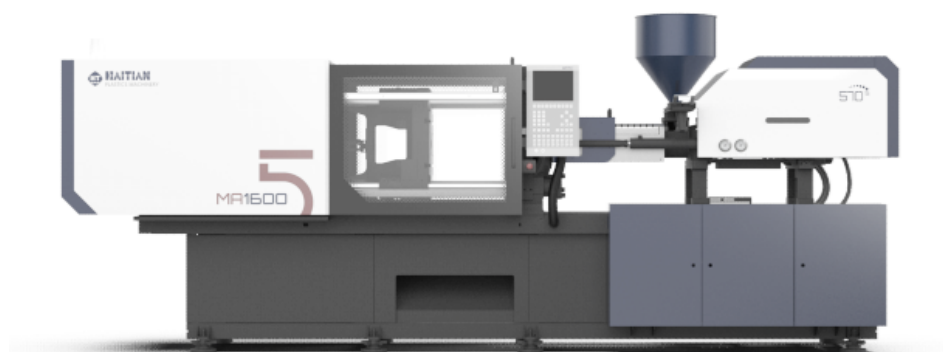


Clamping Unit		MA18500V/15800
Clamping Force	kN	18500
Mold Opening Stroke (Min/Max)	mm	1650
Minimum Mold Height	mm	780
Maximum Mold Height	mm	1560
Maximum Daylight	mm	3210
Distance Between Tie-Bars (HXV)	mm	1650x1500
Platen Dimensions (HXV)	mm	2380x2280
Ejector Stroke	mm	400
Ejector Force	kN	430

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Injection Unit		15800		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	130	140	150
Screw L/D Ratio	L/D	24	22.3	20.8
Injection Volume (theoretical)	cm ³	8362	9698	11133
Injection Weight (PS)	g	7610	8825	10131
Injection Rate (PS)	g/s	1147	1330	1527
Injection Pressure	MPa	198	171	149
Plasticizing Rate (GPPS)	g/s	168	192	220
Screw Speed	rpm	102	102	102



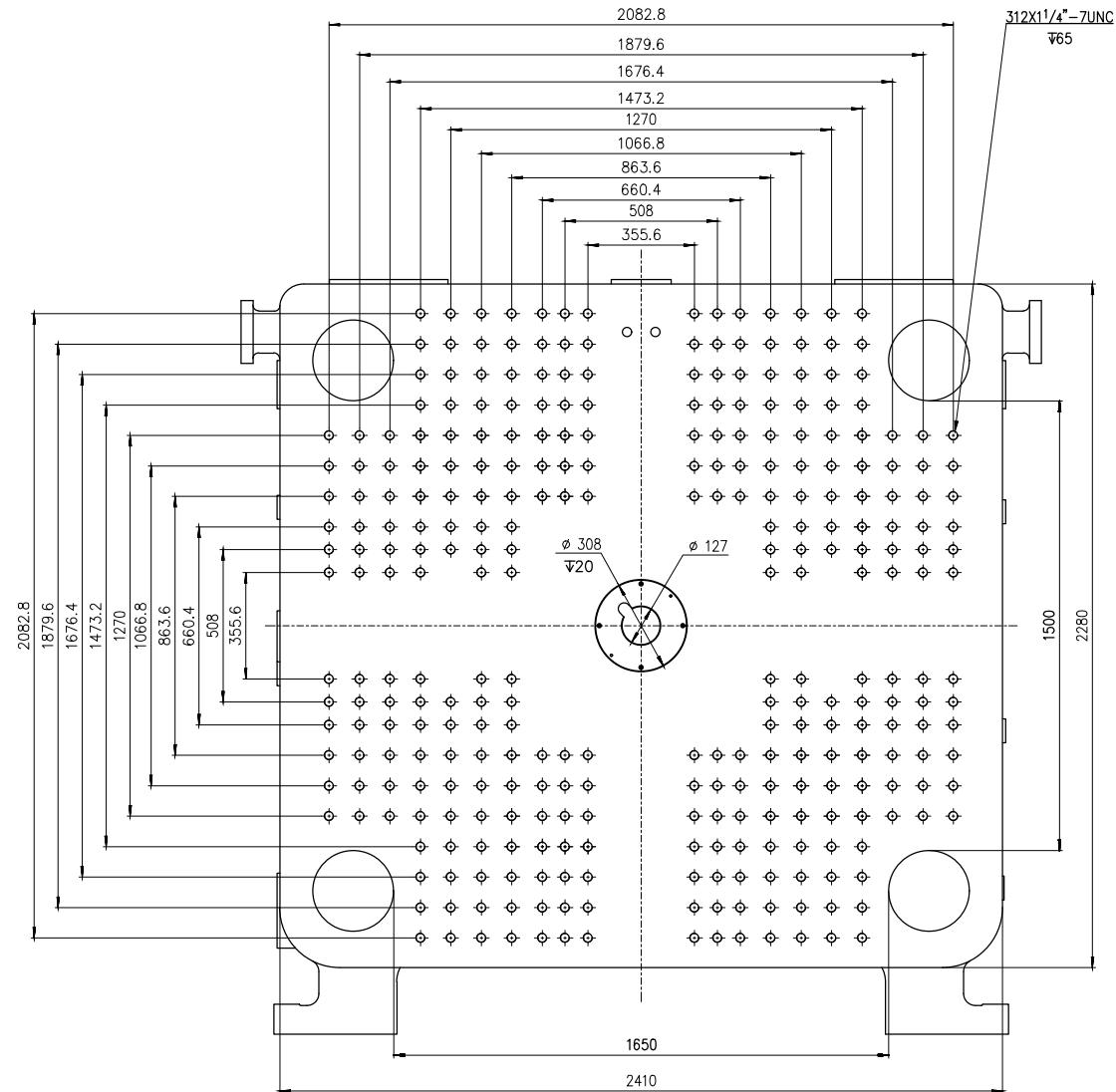
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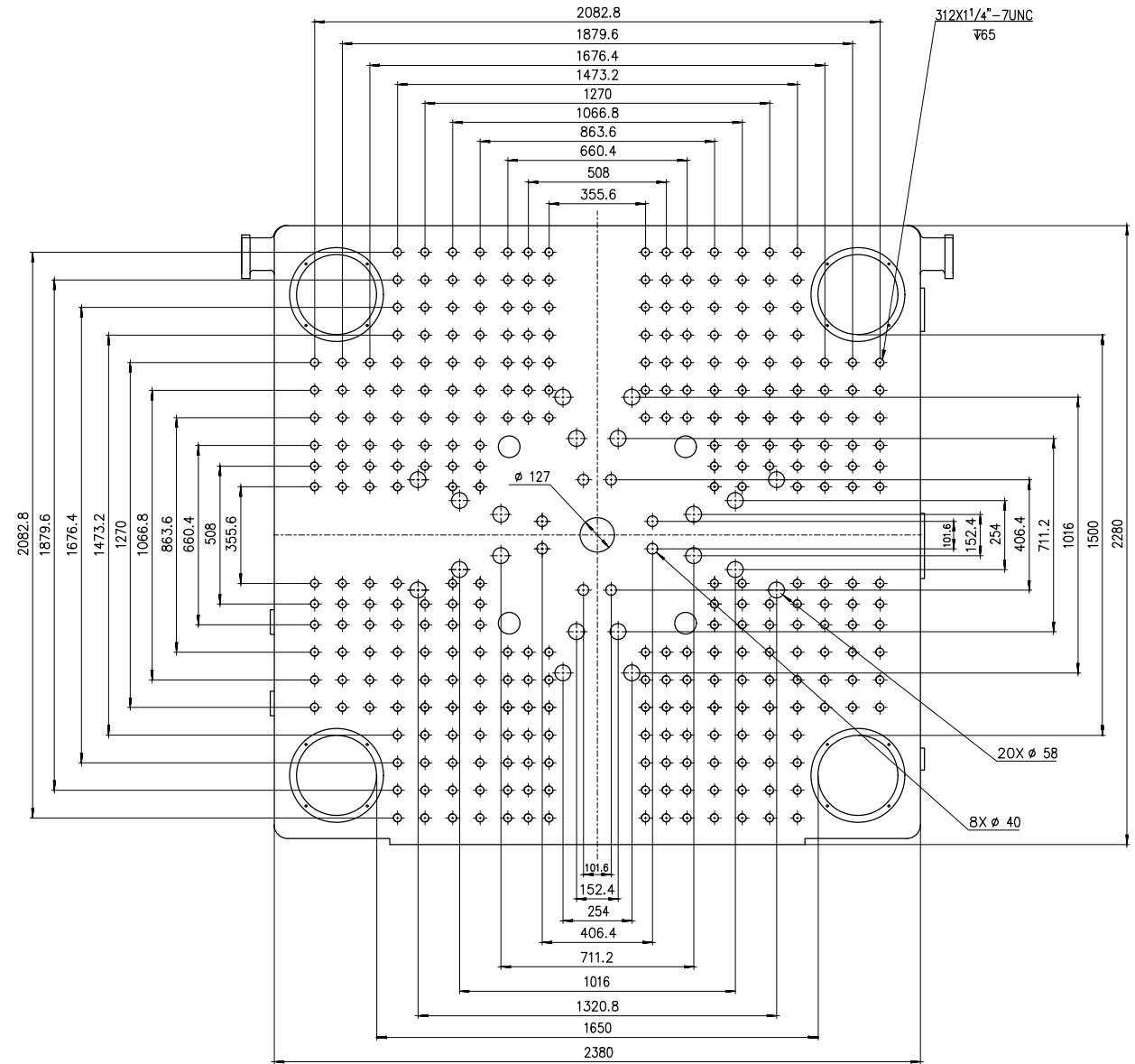
Other		
Pump Motor Power	kW	65+65+45
Heater Power	kW	122.5
Machine Dimension (LxWxH)	m	15.6x4.6x4.6
Machine Weight	t	130
Hopper Capacity	kg	-
Oil Tank	l	1610

***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 18500 Fixed & Moving Platens Drawing

Machine Model: MAV 18500

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2024

Chkd By: LEON XIE

Date: 1/9/2024

Revision Date: Drawing #:

Rev #: 1

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

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: