

MA14000V-10600

MARS 5 Series: Toggle Clamp Servo-Hydraulic

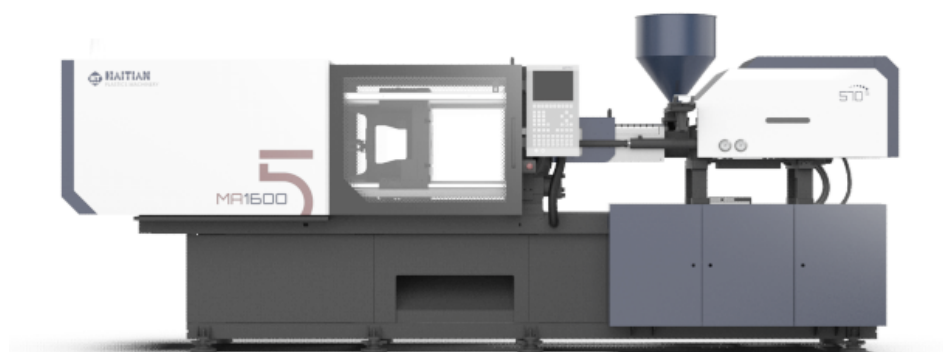


Clamping Unit		MA14000V/10600
Clamping Force	kN	14000
Mold Opening Stroke (Min/Max)	mm	1500
Minimum Mold Height	mm	700
Maximum Mold Height	mm	1400
Maximum Daylight	mm	2900
Distance Between Tie-Bars (HXV)	mm	1450x1350
Platen Dimensions (HXV)	mm	2094x2070
Ejector Stroke	mm	350
Ejector Force	kN	318

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Injection Unit		10600			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	110	120	130	140
Screw L/D Ratio	L/D	26.2	24	22.2	20.6
Injection Volume (theoretical)	cm ³	5227	6220	7300	8467
Injection Weight (PS)	g	4756	5661	6643	7705
Injection Rate (PS)	g/s	864	1029	1207	1400
Injection Pressure	MPa	213	179	153	132
Plasticizing Rate (GPPS)	g/s	123	142	164	187
Screw Speed	rpm	105	105	105	105



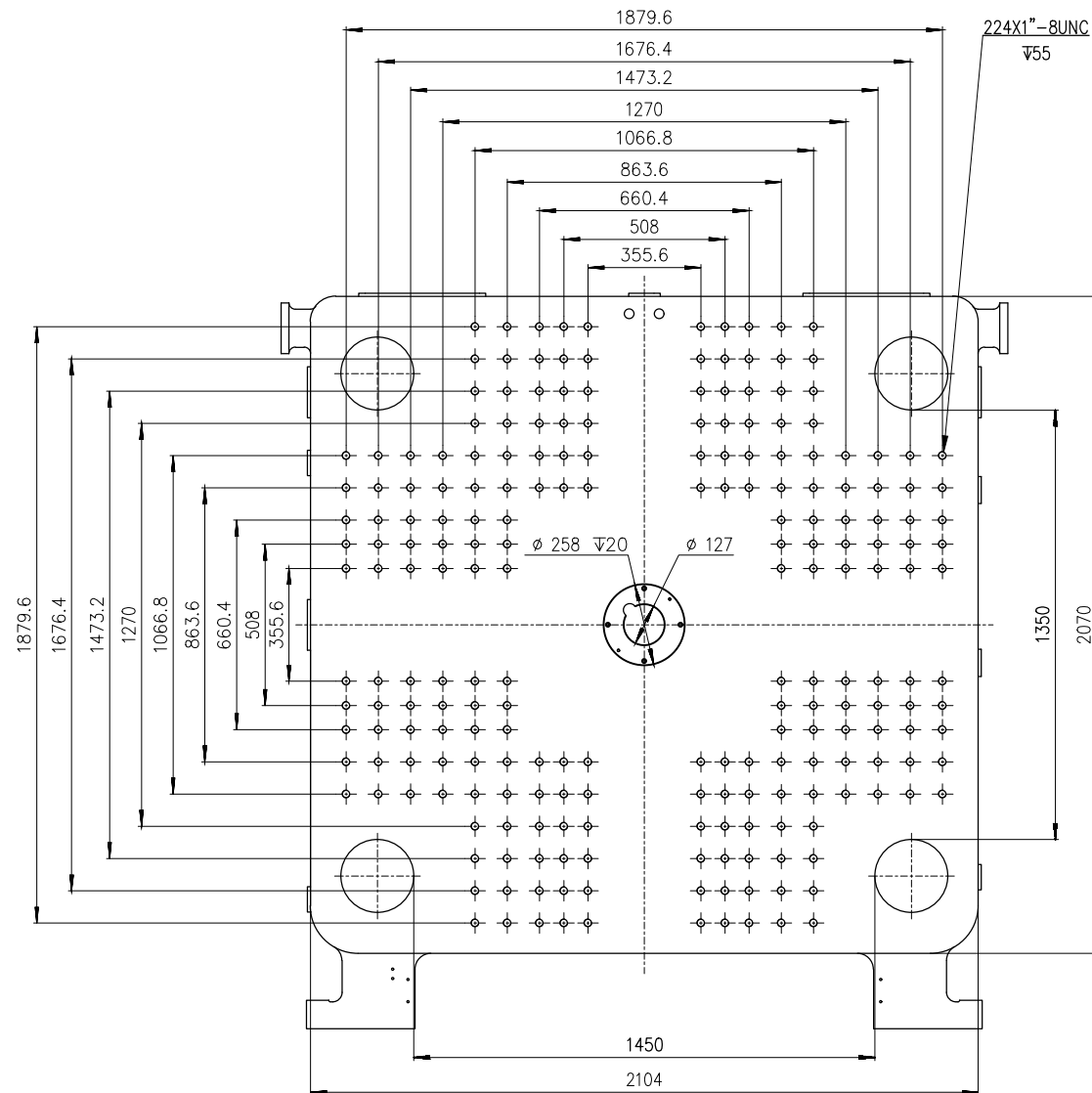
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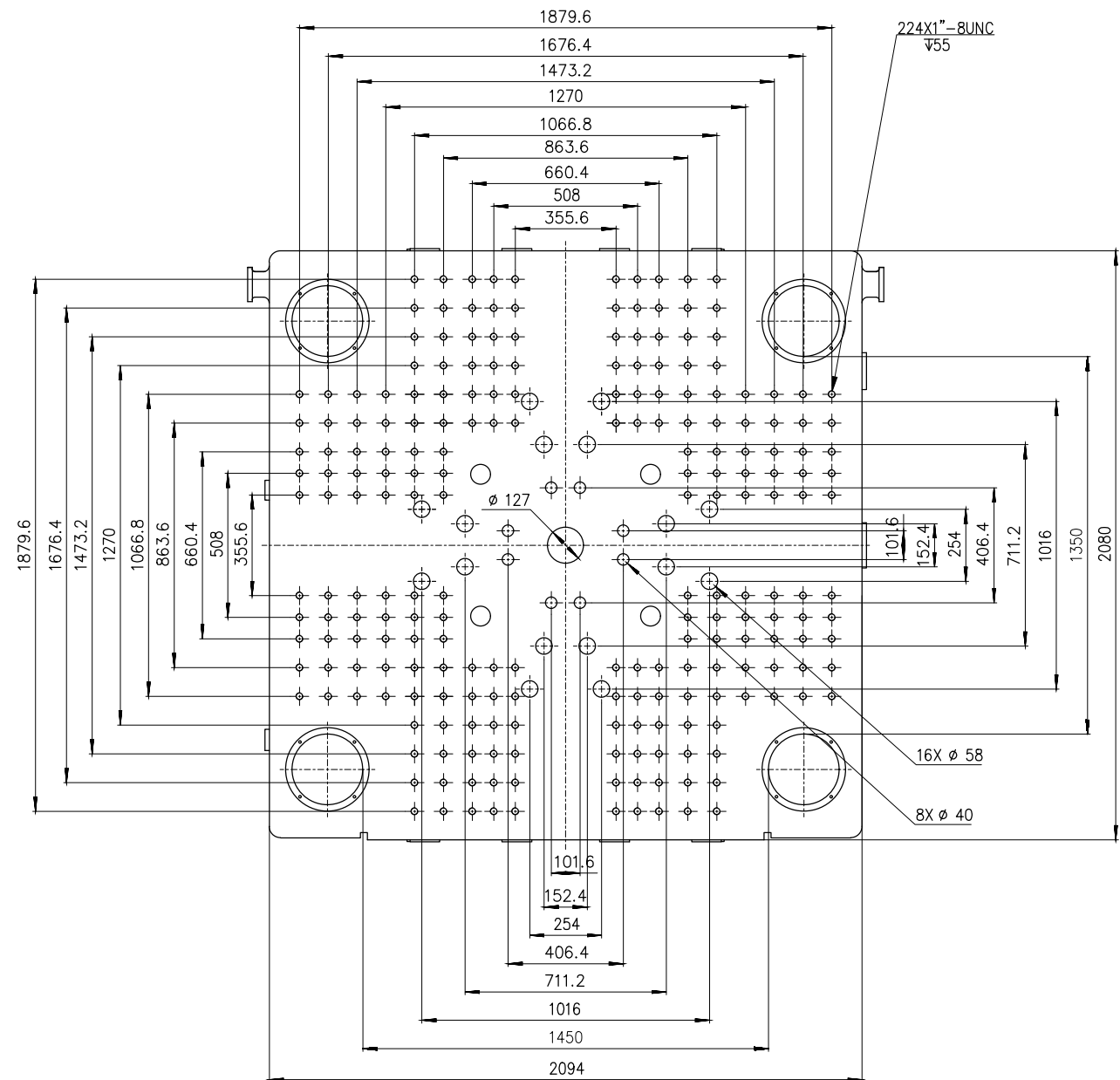
Other		
Pump Motor Power	kW	85+65
Heater Power	kW	104
Machine Dimension (LxWxH)	m	14.2x3.1x3.3
Machine Weight	t	87
Hopper Capacity	kg	-
Oil Tank	l	1340

***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 14000 Fixed & Moving Platens Drawing

Machine Model: MAV 14000
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: