

MA21000V-19300

MARS 5 Series: Toggle Clamp Servo-Hydraulic

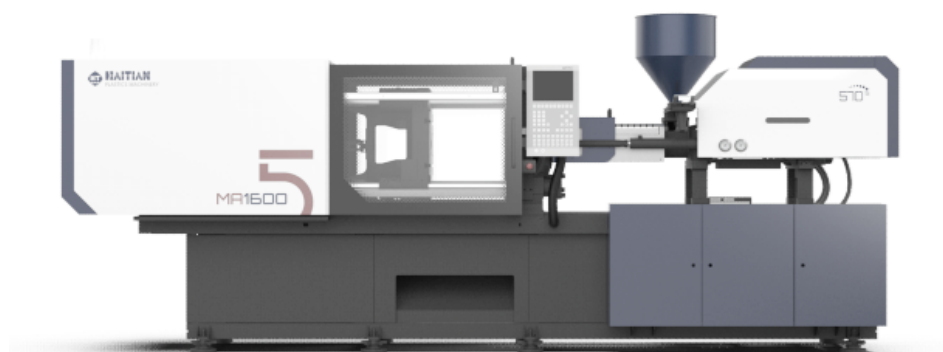


Clamping Unit		MA21000V/19300
Clamping Force	kN	21000
Mold Opening Stroke (Min/Max)	mm	1800
Minimum Mold Height	mm	780
Maximum Mold Height	mm	1700
Maximum Daylight	mm	3500
Distance Between Tie-Bars (HXV)	mm	1750x1600
Platen Dimensions (HXV)	mm	2480x2380
Ejector Stroke	mm	400
Ejector Force	kN	430

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Injection Unit		19300			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	140	150	160	170
Screw L/D Ratio	L/D	24	22.4	21	19.8
Injection Volume (theoretical)	cm ³	10468	12017	13672	15435
Injection Weight (PS)	g	9526	10935	12442	14046
Injection Rate (PS)	g/s	1330	1527	1738	1962
Injection Pressure	MPa	193	168	147	130
Plasticizing Rate (GPPS)	g/s	155	176	196	222
Screw Speed	rpm	85	85	85	85



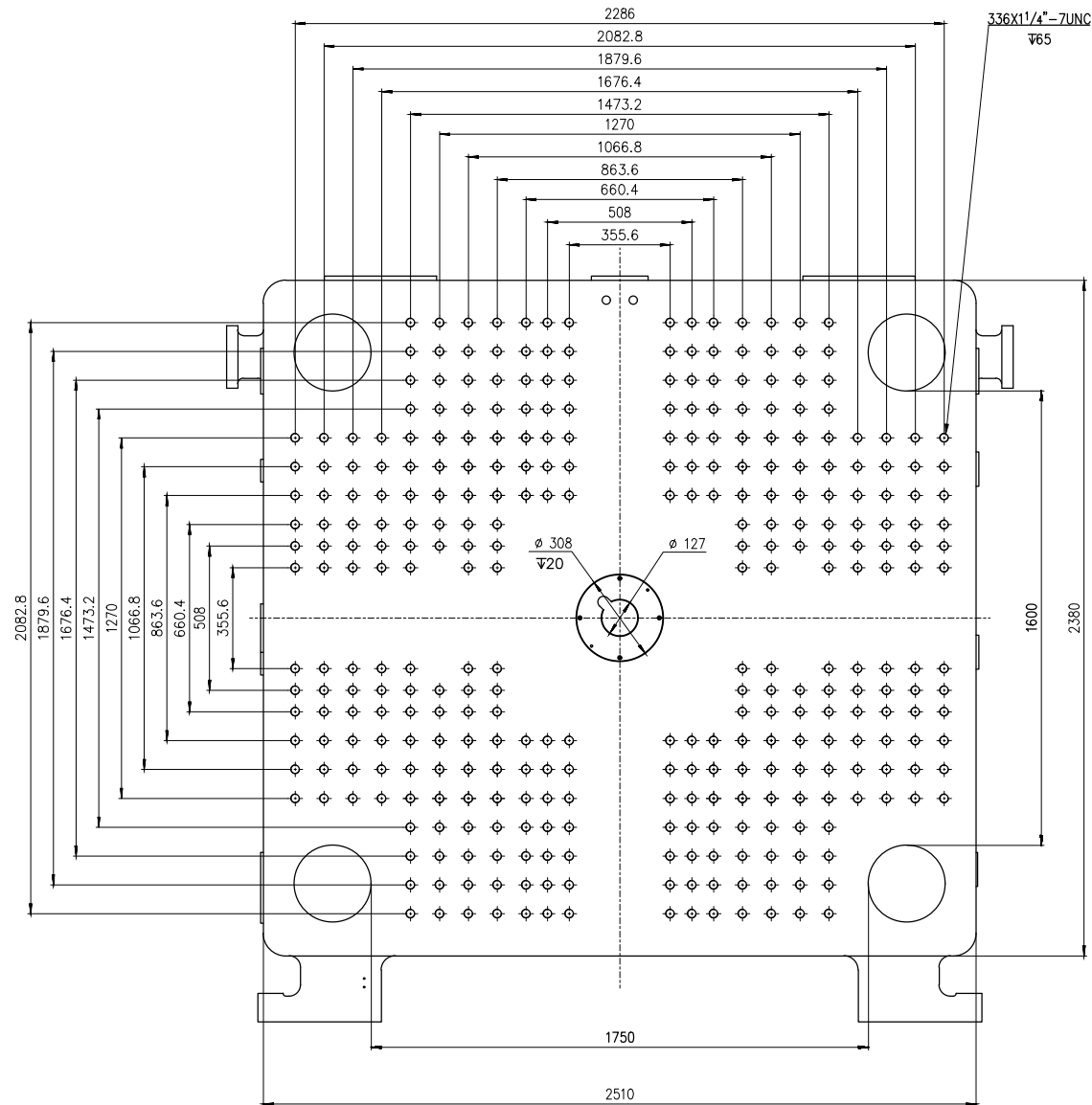
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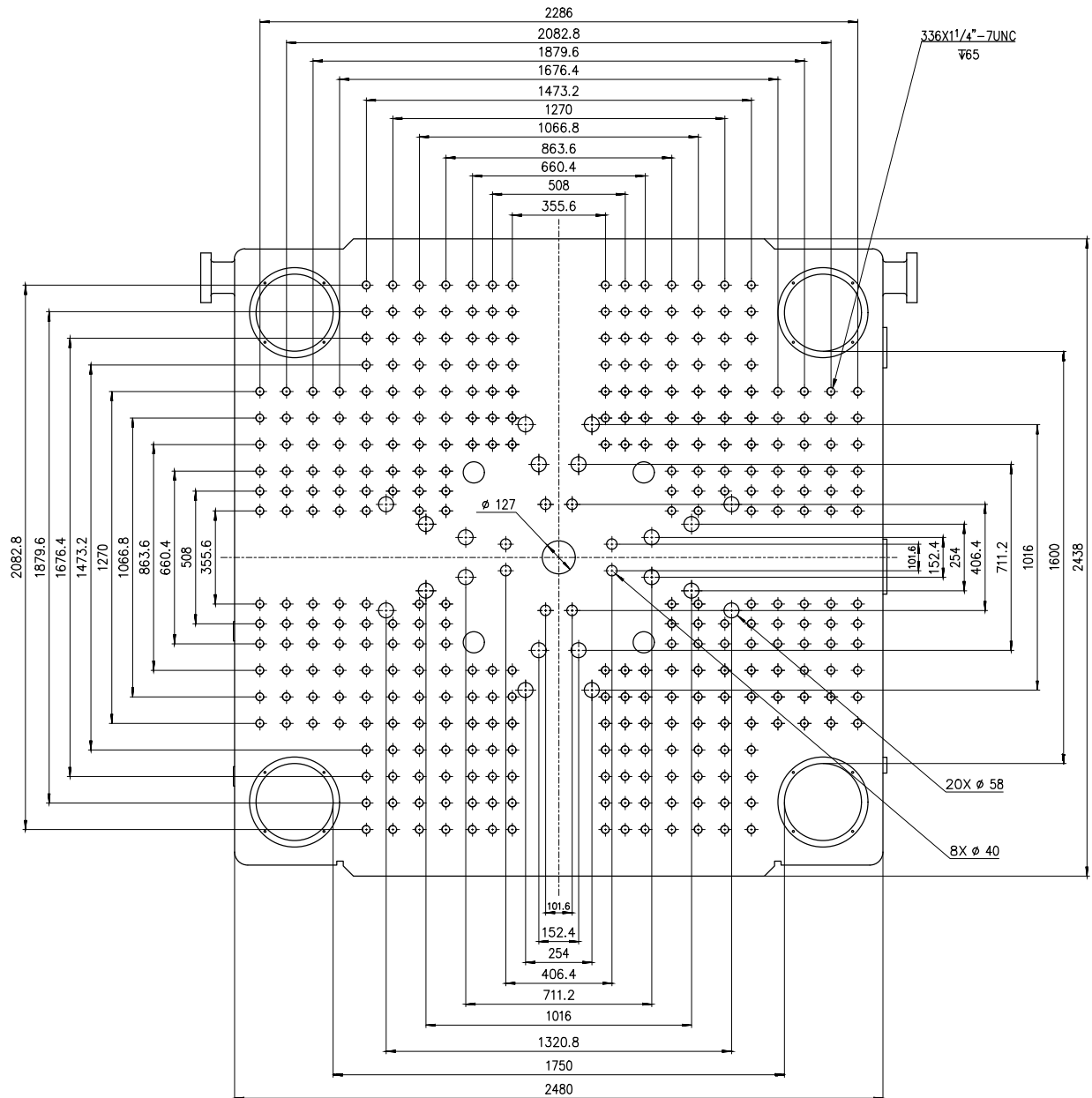
Other		
Pump Motor Power	kW	65+65+65
Heater Power	kW	137.4
Machine Dimension (LxWxH)	m	16.0x4.8x4.4
Machine Weight	t	139
Hopper Capacity	kg	-
Oil Tank	l	1770

***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 21000 Fixed & Moving Platens Drawing

Machine Model: MAV 21000
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: