

MA28000V-52800

MARS 5 Series: Toggle Clamp Servo-Hydraulic

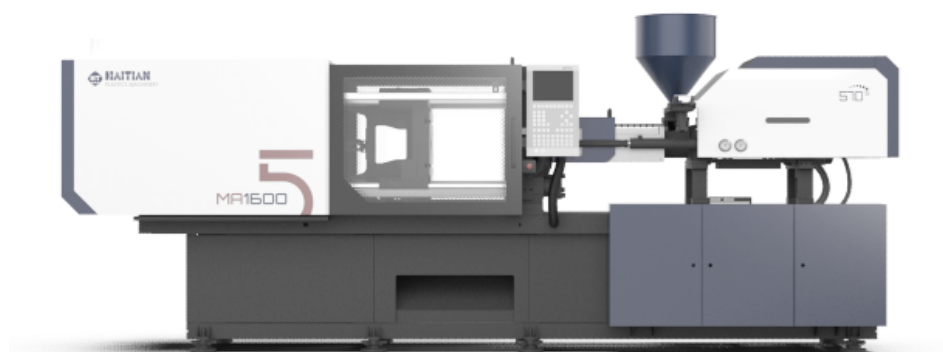


Clamping Unit		MA28000V/52800
Clamping Force	kN	28000
Mold Opening Stroke (Min/Max)	mm	2000
Minimum Mold Height	mm	1000
Maximum Mold Height	mm	1900
Maximum Daylight	mm	3900
Distance Between Tie-Bars (HXV)	mm	2000x1750
Platen Dimensions (HXV)	mm	2840x2615
Ejector Stroke	mm	450
Ejector Force	kN	430

MA28000V-52800

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Injection Unit		52800
Screw & Barrel Designation		-
Screw Diameter	mm	200
Screw L/D Ratio	L/D	20
Injection Volume (theoretical)	cm ³	35186
Injection Weight (PS)	g	32019
Injection Rate (PS)	g/s	2144
Injection Pressure	MPa	147
Plasticizing Rate (HDPE)	g/s	380
Screw Speed	rpm	70



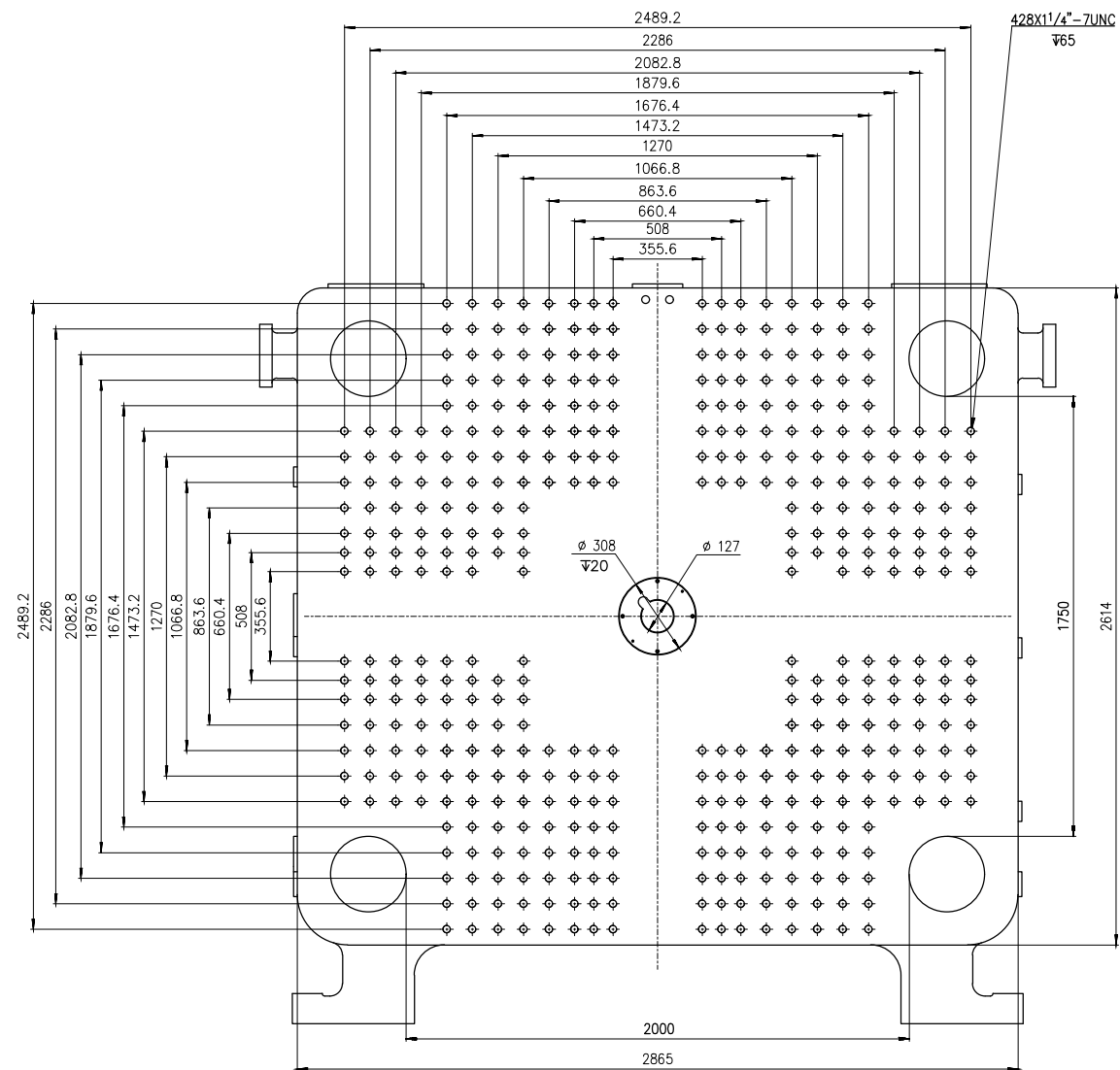
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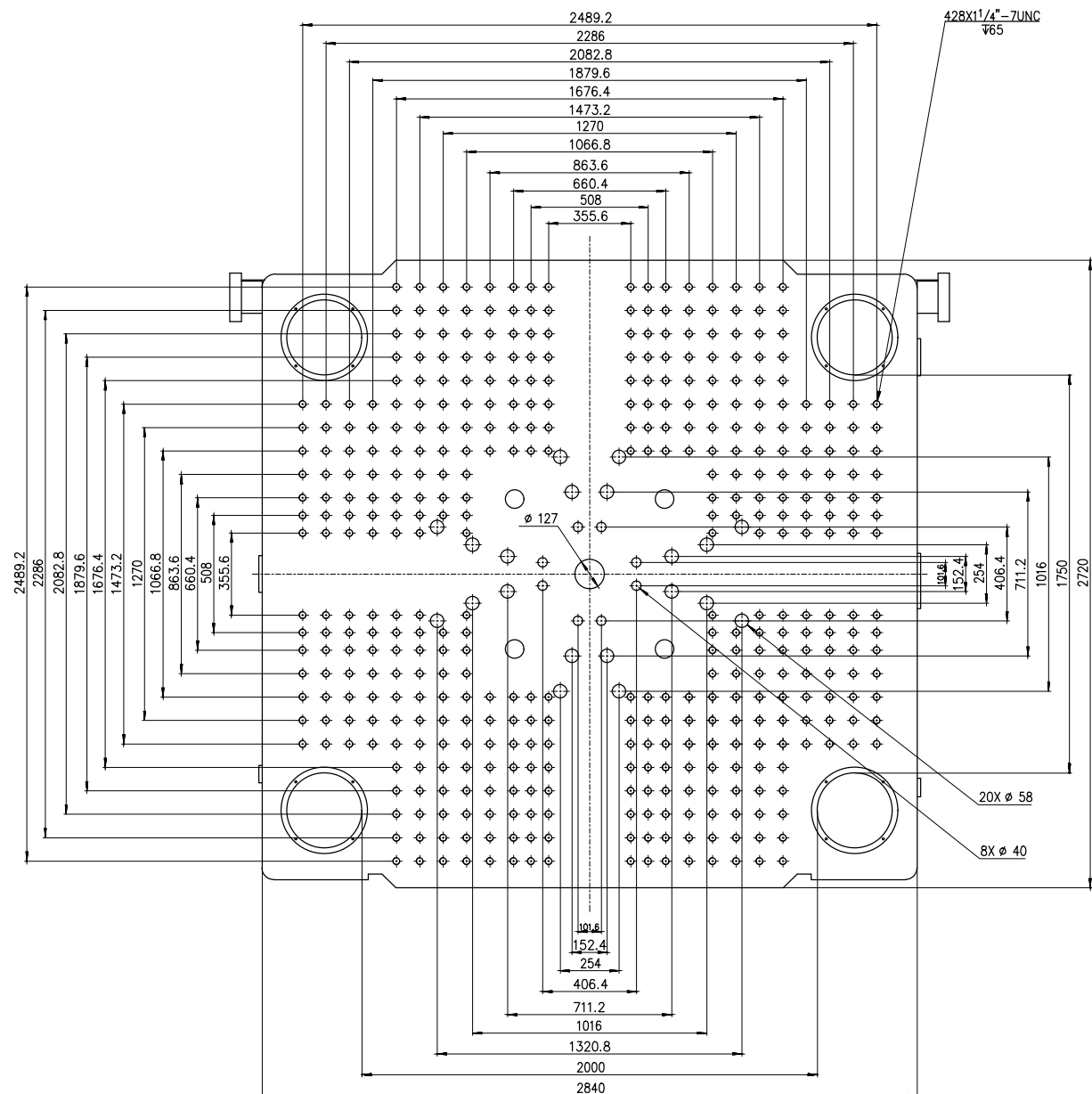
Other		
Pump Motor Power	kW	85+85+85
Heater Power	kW	211.15
Machine Dimension (LxWxH)	m	19.6x5.2x4.4
Machine Weight	t	197
Hopper Capacity	kg	-
Oil Tank	l	2390

***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 28000 Fixed & Moving Platens Drawing

Machine Model: MAV 28000

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

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: