

MA28000V-52800

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA28000V/52800
Clamping Force	kN	28000
	US Tons	3147
Mold Opening Stroke (Min/Max)	mm	2000
	in.	78.74
Minimum Mold Height	mm	1000
	in.	39.37
Maximum Mold Height	mm	1900
	in.	74.8
Maximum Daylight	mm	3900
	in.	153.54
Distance Between Tie-Bars (HXV)	mm	2000x1750
	in.	78.74x68.9
Platen Dimensions (HXV)	mm	2840x2615
	in.	111.81x102.95
Ejector Stroke	mm	450
	in.	17.72
Ejector Force	kN	430
	US Tons	48

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Injection Unit		52800
Screw & Barrel Designation		-
Screw Diameter	mm	200
	in.	7.87
Screw L/D Ratio	L/D	20
Injection Volume (theoretical)	cm ³	35186
	cu.in.	2147.18
Injection Weight (PS)	g	32019
	oz.	1129.44
Injection Rate (PS)	g/s	2144
	oz./s	75.63
Injection Pressure	MPa	147
	psi	21321
Plasticizing Rate (HDPE)	g/s	380
	oz./s	13.40
Screw Speed	rpm	70



Specification



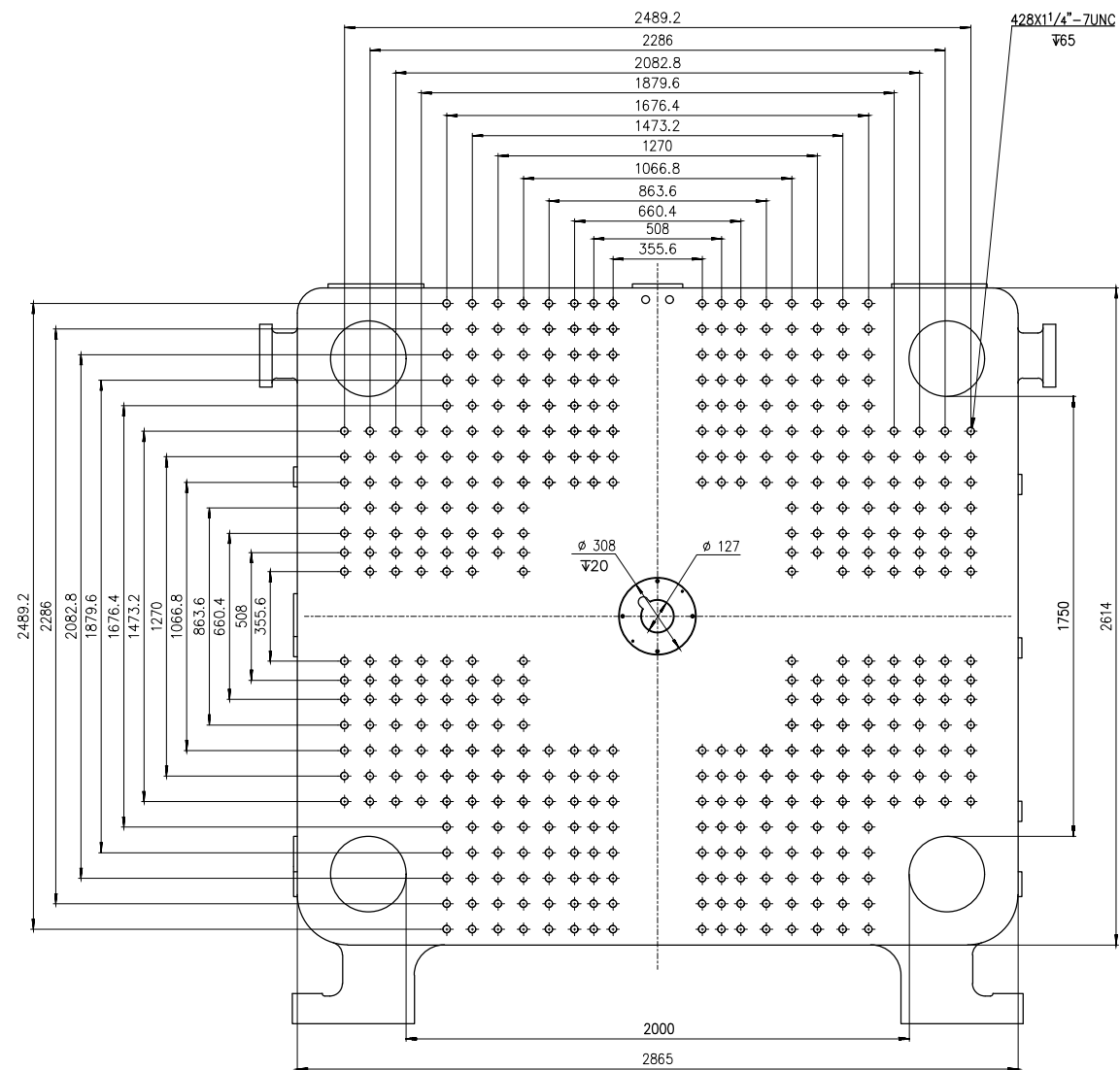
MA28000V-52800

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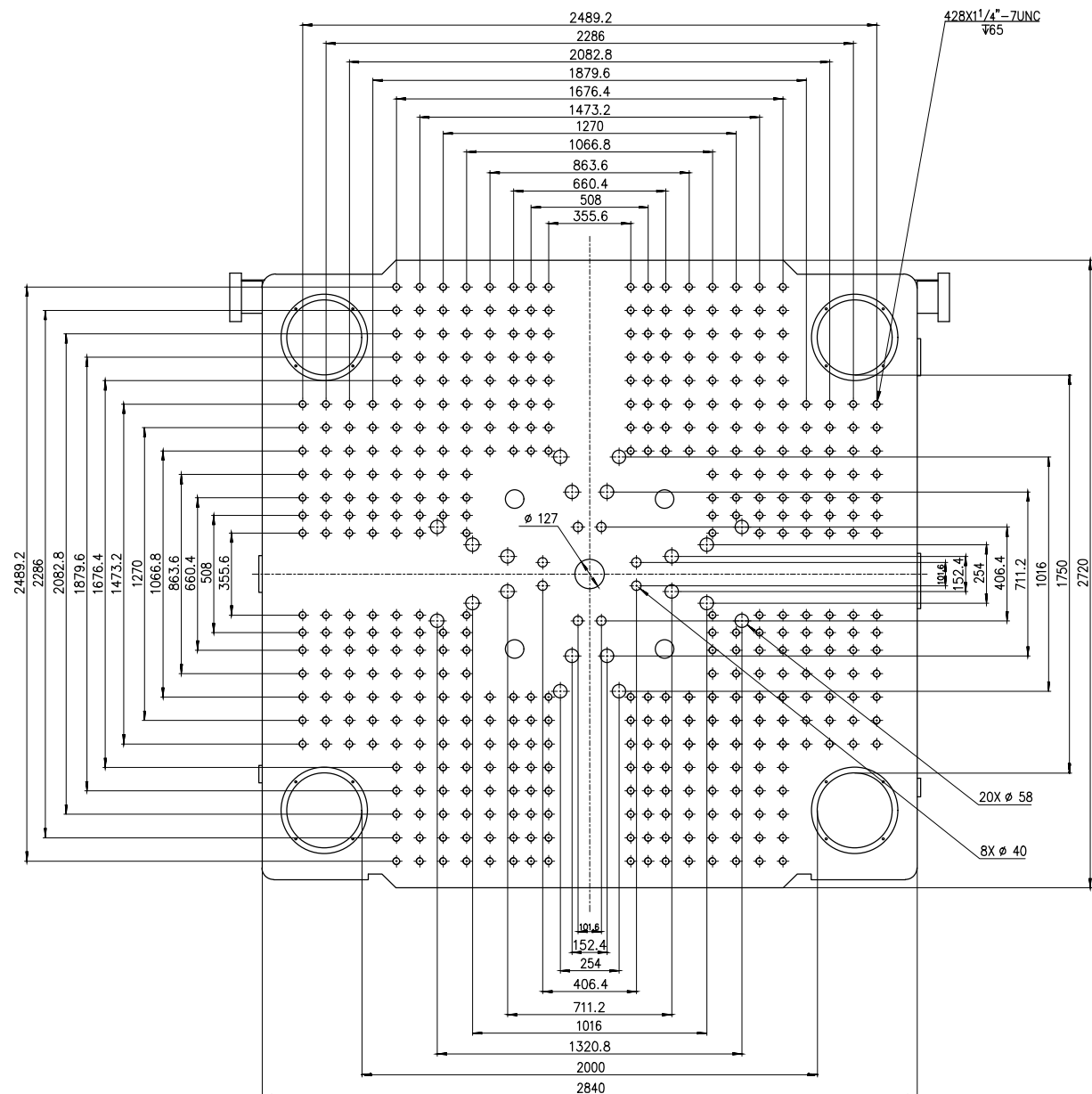
Other		
Pump Motor Power	kW	85+85+85
Heater Power	kW	211.15
Machine Dimension (LxWxH)	m	19.6x5.2x4.4
	in.	772x205x173
Machine Weight	t	197
	lbs.	434311
Hopper Capacity	kg	-
	lbs.	-
Oil Tank	l	2390
	gal	631

***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 Absolute Haitian 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 Absolute Haitian service department for machine specific information.



Fixed Platen



Moving Platen



Absolute Haitian Corporation
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www.absolutehaitian.com

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

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: