

MA8000V-8400

MARS 5 Series: Toggle Clamp Servo-Hydraulic



Clamping Unit		MA8000V/8400
Clamping Force	kN	8000
Mold Opening Stroke (Min/Max)	mm	1040
Minimum Mold Height	mm	420
Maximum Mold Height	mm	1000
Maximum Daylight	mm	2040
Distance Between Tie-Bars (HXV)	mm	1000x1000
Platen Dimensions (HXV)	mm	1465x1485
Ejector Stroke	mm	280
Ejector Force	kN	186

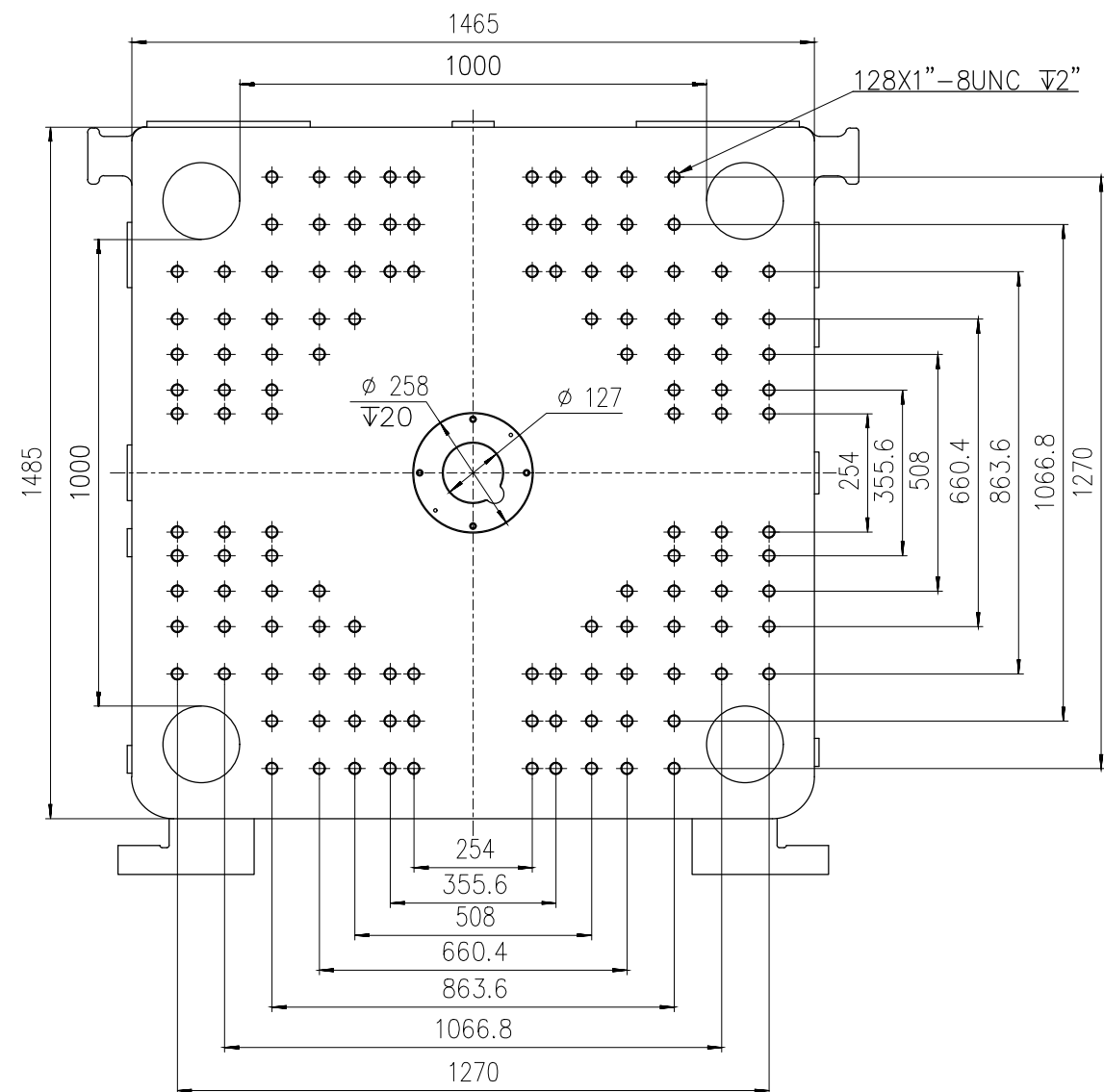
MA8000V-8400

MARS 5 Series: Toggle Clamp Servo-Hydraulic

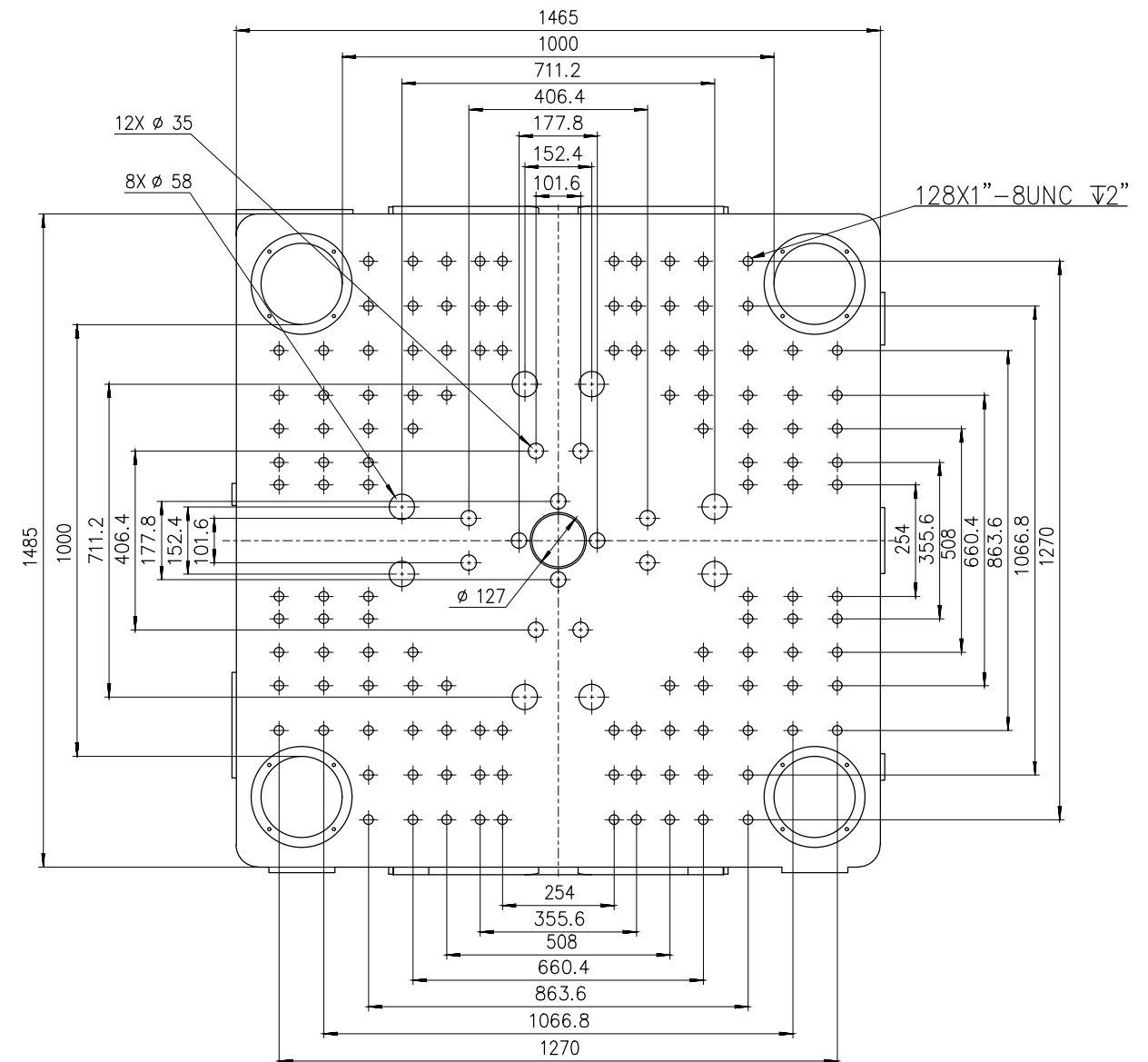
Injection Unit		8400		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	100	110	120
Screw L/D Ratio	L/D	24.2	22	20.2
Injection Volume (theoretical)	cm ³	4005	4846	5767
Injection Weight (PS)	g	3645	4410	5248
Injection Rate (PS)	g/s	771	933	1111
Injection Pressure	MPa	223	185	155
Plasticizing Rate (GPPS)	g/s	121	145	168
Screw Speed	rpm	181	217	247

***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 8000 Fixed & Moving Platens Drawing			
Machine Model: MAV 8000		Sheet: 1 of 1	
Machine Serial Number:		Drawn By: Harry	Date: 1/9/2024
Machine Tonnage:		Chkd By: LEON XIE	Date: 1/9/2024
Revision	Date:	Drawing #:	Size: 11 X 17 "B"
Rev #: 1			Units: mm / [in]
Rev #: 2			Material:
Rev #: 3			Part:
Rev #: 4			Part:
Rev #: 5			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:
