

JU16000V-32500 Wide Platen

JUPITER 5 Series: Two-Platen
Servo-Hydraulic

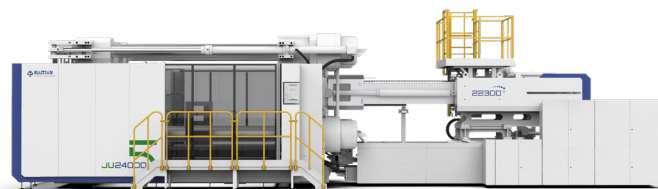
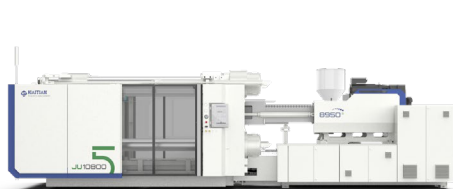


Clamping Unit		JU16000 V Wide-Platen
Clamping Force	kN	16000
Mold Opening Stroke (Min/Max)	mm	2600/1850
Minimum Mold Height	mm	750
Maximum Mold Height	mm	1500
Maximum Daylight	mm	3350
Distance Between Tie-Bars (HXV)	mm	1915x1465
Platen Dimensions (HXV)	mm	2620x2175
Ejector Stroke	mm	450
Ejector Force	kN	450
Maximum Mold Weight*	t	40

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Injection Unit		32500	
Screw & Barrel Designation		A	B
Screw Diameter	mm	160	170
Screw L/D Ratio	L/D	24	22.6
Injection Volume (theoretical)	cm ³	17492	19747
Injection Weight (PS)	g	15918	17970
Injection Rate (PS)	g/s	1559	1761
Injection Pressure	MPa	160	142
Injection Pressure (max)*	MPa	180	159
Plasticizing Rate (GPPS)	g/s	\	\
Plasticizing Rate (HDPE)	g/s	280	310
Screw Speed	rpm	72	72



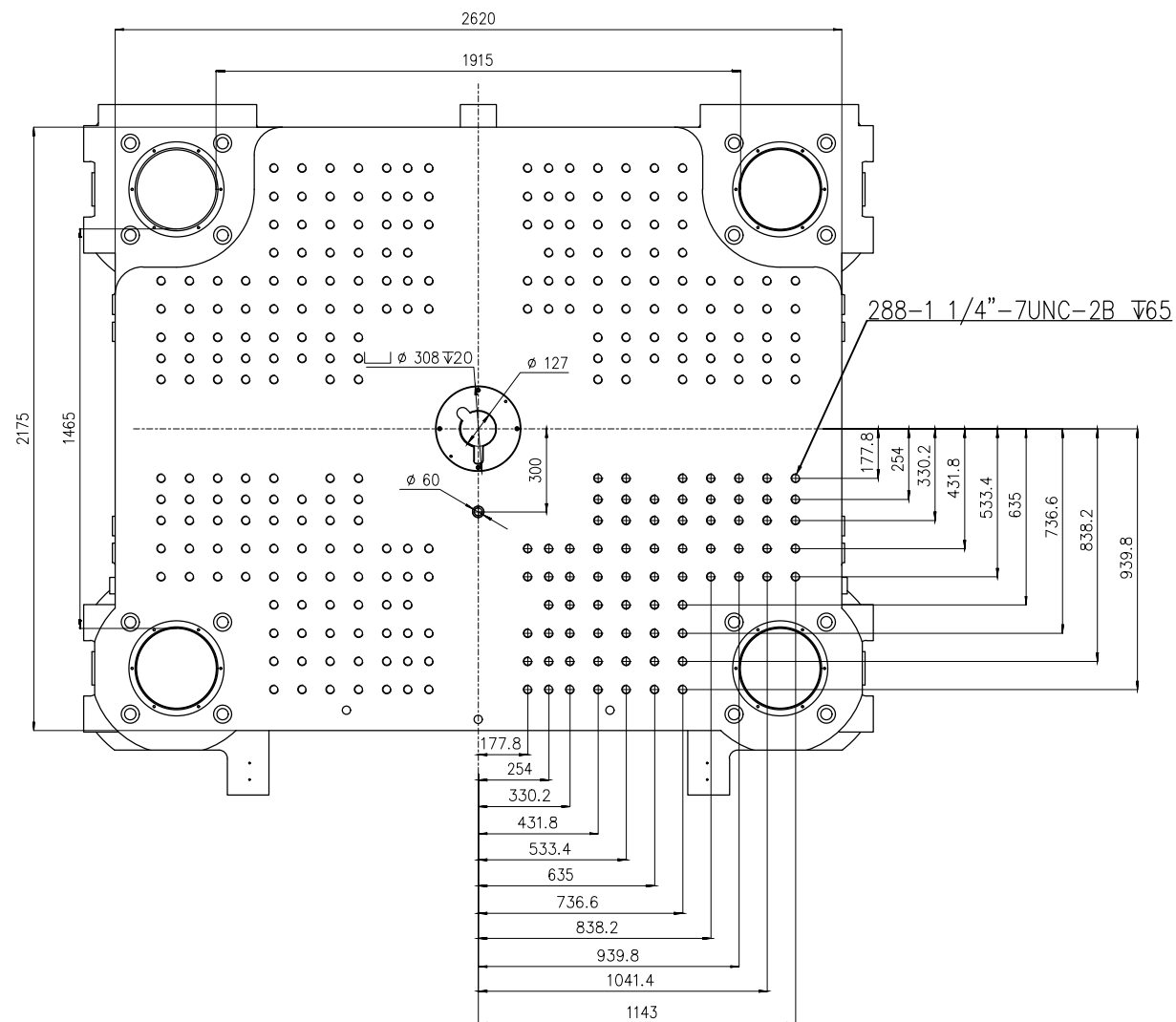
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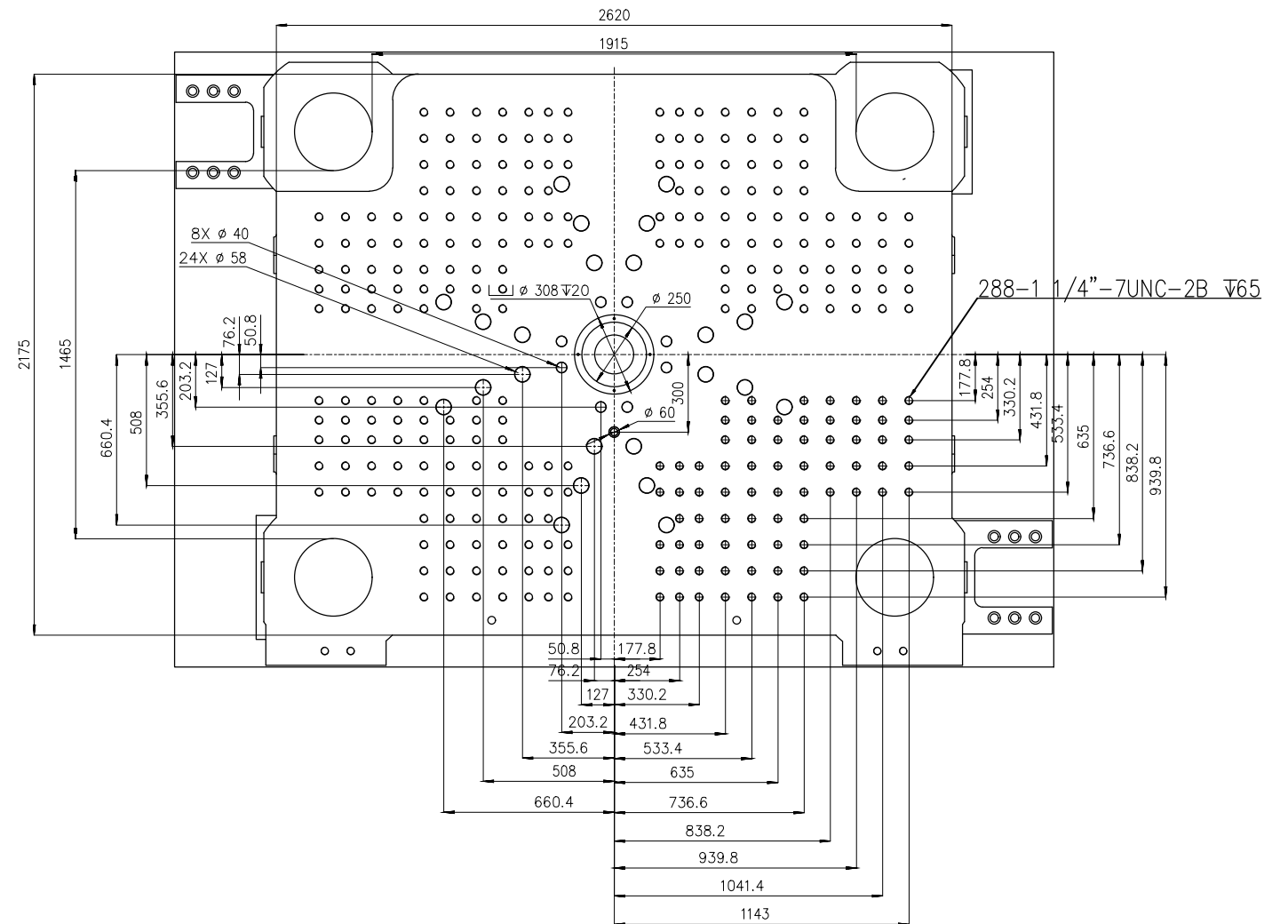
Other		
Pump Motor Power	kW	205
Heater Power	kW	189
Machine Dimension (LxWxH)	m	13.88×4.03×4.40
Machine Weight	t	94
Hopper Capacity	kg	400
Oil Tank	l	1670

***NOTE:**

1. Injection Pressure (max) uses the machine's regeneration oil circuit to increase the injection pressure. This function will reduce injection control and repeatability. The standard "Injection Pressure" specification is the maximum injection pressure in a normal operating mode.
2. Moving platen max mold weight is 2/3 of total max mold weight.
3. Electric screw drive (screw rotate) is standard for injection units under 11500. For injection units 11500 and above electric screw drive is optional.
4. 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.
5. 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: JU V 1600W Fixed & Moving Platens Drawing				
Machine Model: JU V 1600W			Sheet: 1 of 1	
Machine Serial Number:			Drawn By: Harry	Date: 6/25/2024
Machine Tonnage:			Chkd By: LEON XIE	Date: 6/25/2024
Revision	Date:	Drawing #:	NOT TO SCALE	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
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Notes: