

JU16000V-11500 Wide Platen

JUPITER 5 Series: Two-Platen
Servo-Hydraulic



Clamping Unit		JU16000 V Wide-Platen
Clamping Force	kN	16000
	US Tons	1798
Mold Opening Stroke (Min/Max)	mm	2600/1850
	in.	102.36/72.83
Minimum Mold Height	mm	750
	in.	29.53
Maximum Mold Height	mm	1500
	in.	59.06
Maximum Daylight	mm	3350
	in.	131.89
Distance Between Tie-Bars (HXV)	mm	1915x1465
	in.	75.39x57.68
Platen Dimensions (HXV)	mm	2620x2175
	in.	103.15x85.63
Ejector Stroke	mm	450
	in.	17.72
Ejector Force	kN	450
	US Tons	51
Maximum Mold Weight*	t	40
	lbs.	88185

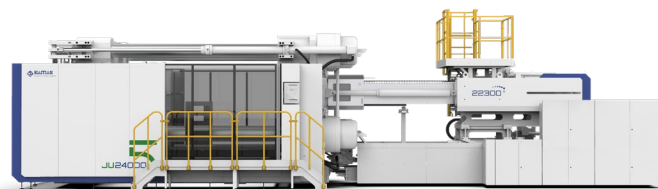
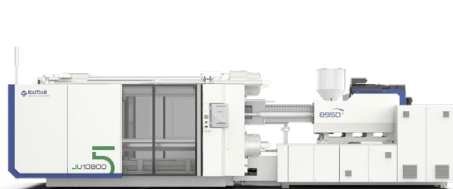
Specification



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Injection Unit		11500			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	110	120	130	140
	in.	4.33	4.72	5.12	5.51
Screw L/D Ratio	L/D	26.2	24	22.2	20.6
Injection Volume (theoretical)	cm ³	5226	6220	7300	8466
	cu.in.	318.91	379.57	445.47	516.63
Injection Weight (PS)	g	4756	5660	6643	7704
	oz.	167.76	199.65	234.32	271.75
Injection Rate (PS)	g/s	884	1052	1235	1432
	oz./s	31.18	37.11	43.56	50.51
Injection Pressure	MPa	189	159	135	117
	psi	27412	23061	19580	16969
Injection Pressure (max)*	MPa	217	183	156	134
	psi	31473	26542	22626	19435
Plasticizing Rate (GPPS)	g/s	123	142	164	187
	oz./s	4.34	5.01	5.78	6.60
Plasticizing Rate (HDPE)	g/s	187	217	240	273
	oz./s	6.60	7.65	8.47	9.63
Screw Speed	rpm	105	105	105	105



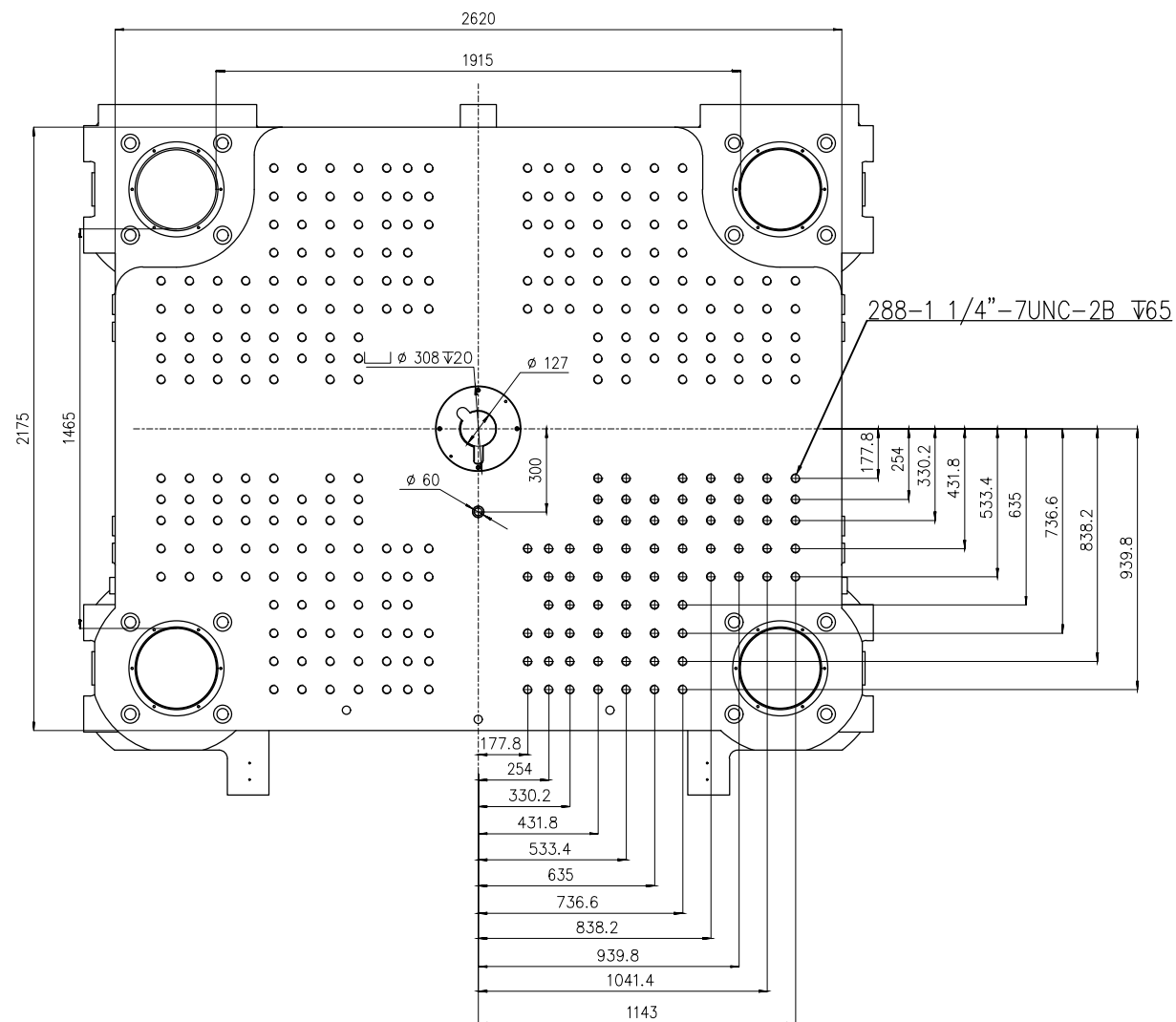
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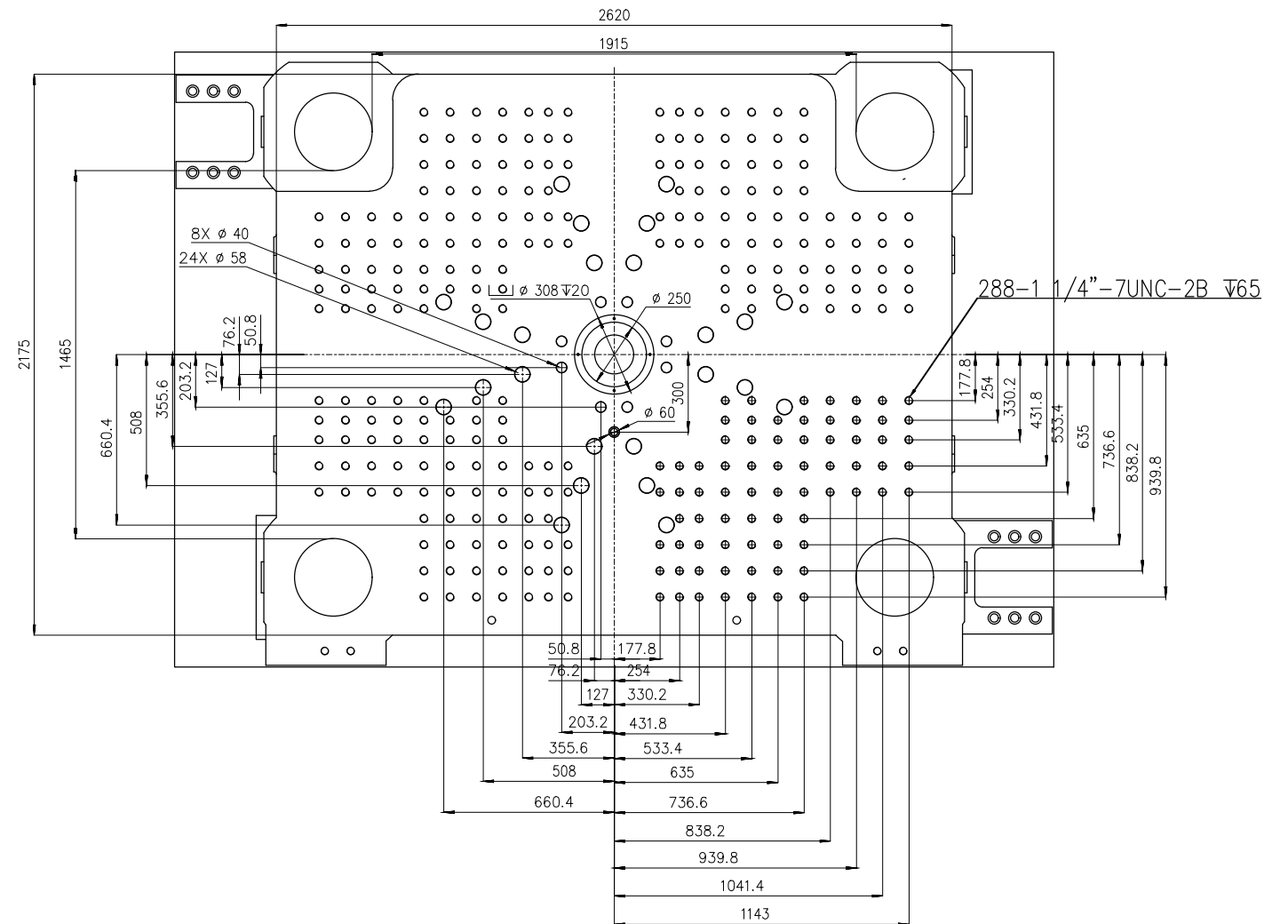
Other		
Pump Motor Power	kW	135
Heater Power	kW	104
Machine Dimension (LxWxH)	m	11.52×4.03×3.45
	in.	454×159×136
Machine Weight	t	82
	lbs.	180779
Hopper Capacity	kg	400
	lbs.	882
Oil Tank	l	840
	gal	222

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



Fixed Platen



Moving Platen



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Title: JU V 1600W Fixed & Moving Platens Drawing

Machine Model: JU V 1600W
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry Date: 6/25/2024
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

Notes: