

JU16000V-22500 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

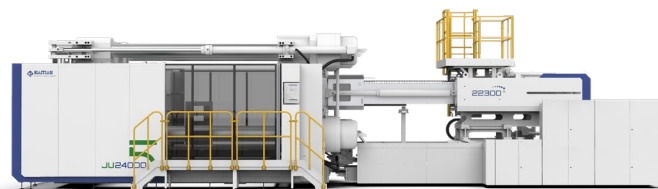
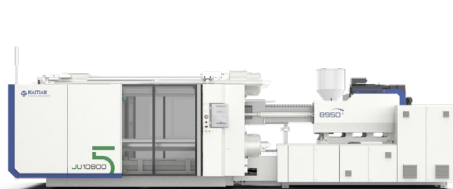
Specification



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Injection Unit		22500			
Screw & Barrel Designation		A	B	C	D
Screw Diameter	mm	140	150	160	170
	in.	5.51	5.91	6.30	6.69
Screw L/D Ratio	L/D	24	22.4	21	19.8
Injection Volume (theoretical)	cm ³	10467	12016	13672	15434
	cu.in.	638.74	733.26	834.32	941.84
Injection Weight (PS)	g	9525	10935	12441	14045
	oz.	335.98	385.72	438.84	495.42
Injection Rate (PS)	g/s	1352	1552	1766	1994
	oz./s	47.69	54.75	62.29	70.34
Injection Pressure	MPa	185	161	141	125
	psi	26832	23351	20450	18130
Injection Pressure (max)*	MPa	211	184	161	143
	psi	30603	26687	23351	20740
Plasticizing Rate (GPPS)	g/s	155	176	196	222
	oz./s	5.47	6.21	6.91	7.83
Plasticizing Rate (HDPE)	g/s	243	294	303	334
	oz./s	8.57	10.37	10.69	11.78
Screw Speed	rpm	85	85	85	85



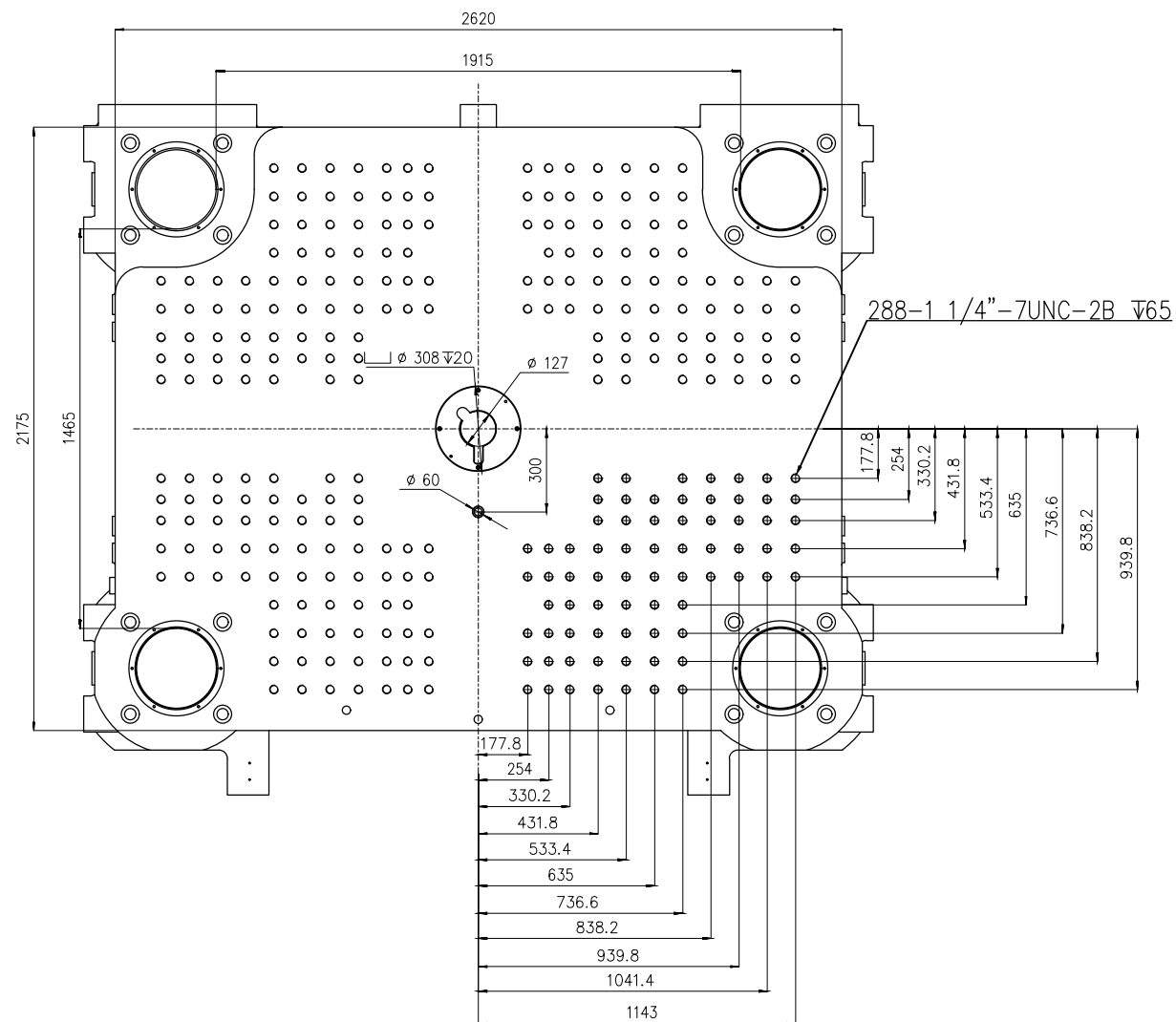
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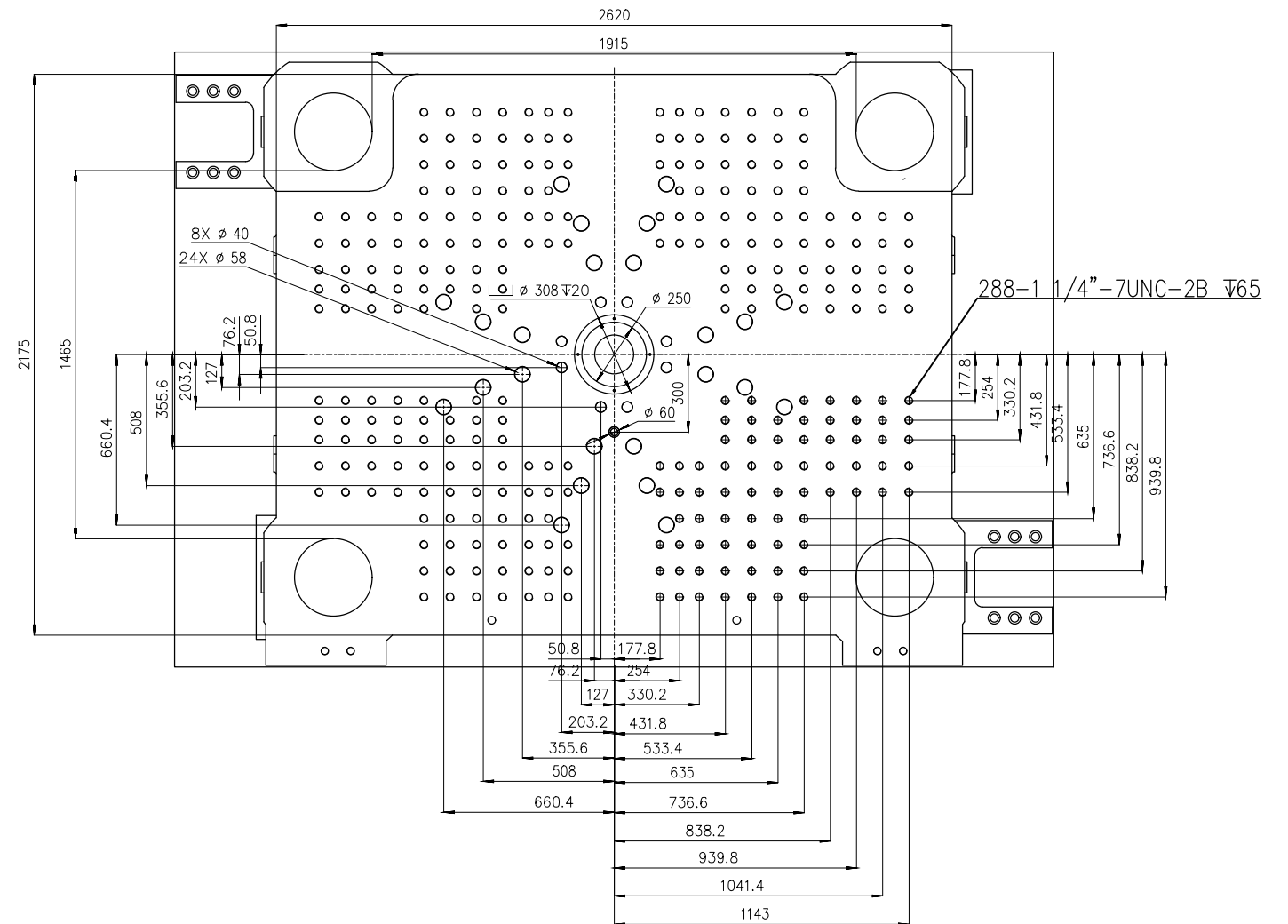
Other		
Pump Motor Power	kW	205
Heater Power	kW	137
Machine Dimension (LxWxH)	m	12.93×4.03×4.40
	in.	509×159×173
Machine Weight	t	91
	lbs.	200621
Hopper Capacity	kg	400
	lbs.	882
Oil Tank	l	1670
	gal	441

***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: