

JU13000V-8950 Wide Platen

JUPITER 5 Series: Two-Platen
Servo-Hydraulic



Clamping Unit		JU13000 V Wide Platen
Clamping Force	kN	13000
	US Tons	1461
Mold Opening Stroke (Min/Max)	mm	2550/1950
	in.	100.39/76.77
Minimum Mold Height	mm	700
	in.	27.56
Maximum Mold Height	mm	1300
	in.	51.18
Maximum Daylight	mm	3250
	in.	127.95
Distance Between Tie-Bars (HXV)	mm	1595x1310
	in.	62.8x51.57
Platen Dimensions (HXV)	mm	2220x1950
	in.	87.4x76.77
Ejector Stroke	mm	400
	in.	15.75
Ejector Force	kN	230
	US Tons	26
Maximum Mold Weight*	t	33
	lbs.	72753

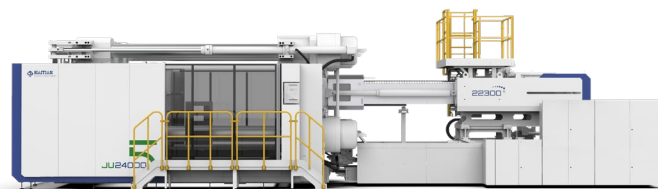
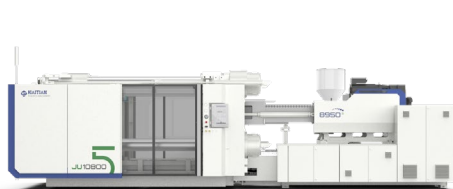
Specification



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Injection Unit		8950		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	100	110	120
	in.	3.94	4.33	4.72
Screw L/D Ratio	L/D	24.2	22	20.2
Injection Volume (theoretical)	cm ³	4005	4846	5767
	cu.in.	244.40	295.72	351.92
Injection Weight (PS)	g	3645	4410	5248
	oz.	128.57	155.56	185.12
Injection Rate (PS)	g/s	855	1034	1231
	oz./s	30.16	36.47	43.42
Injection Pressure	MPa	196	162	136
	psi	28427	23496	19725
Injection Pressure (max)*	MPa	223	184	154
	psi	32343	26687	22336
Plasticizing Rate (GPPS)	g/s	120.7	144.8	167.8
	oz./s	4.26	5.11	5.92
Plasticizing Rate (HDPE)	g/s	181.2	217.2	247
	oz./s	6.39	7.66	8.71
Screw Speed	rpm	155	155	155



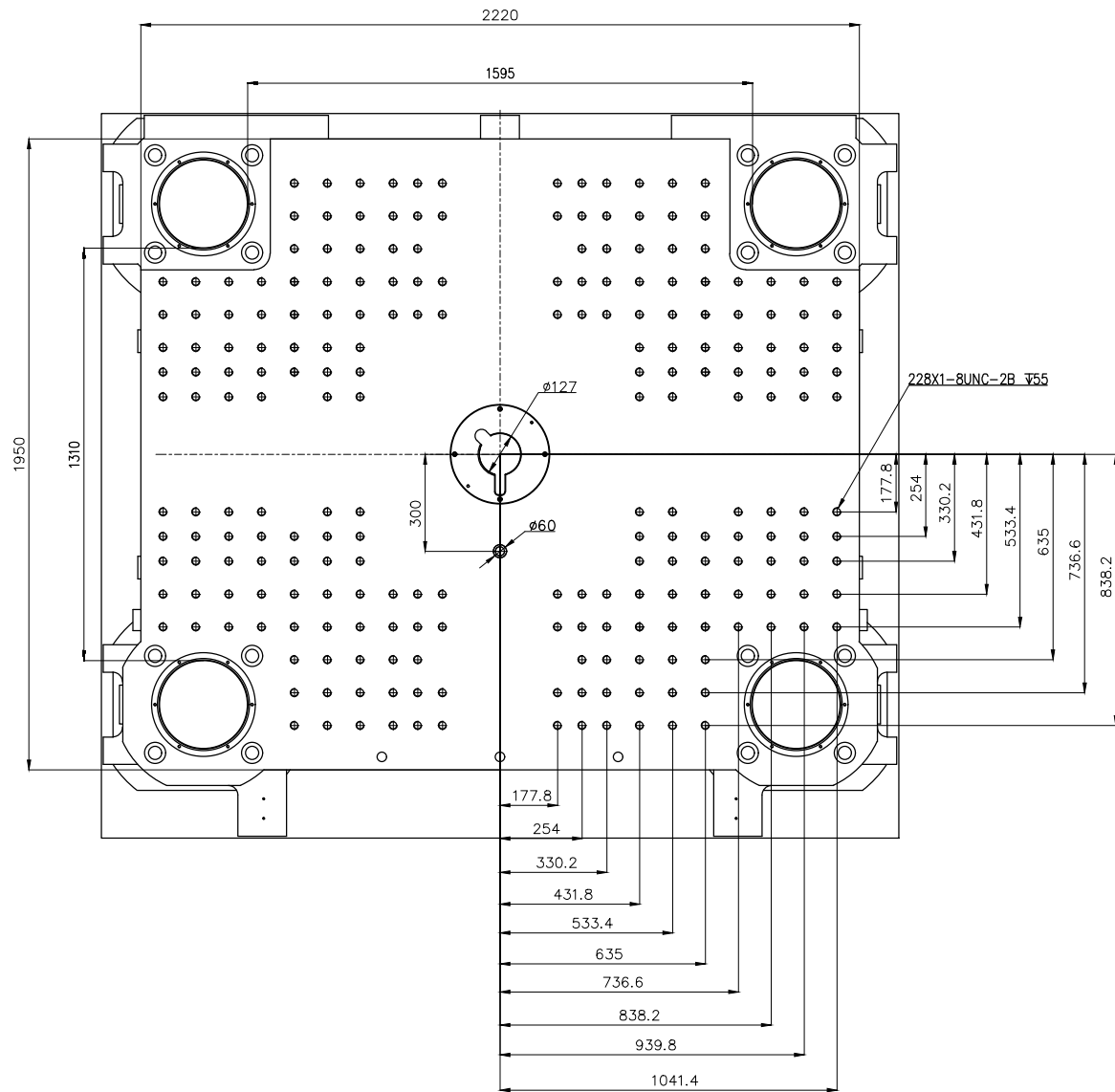
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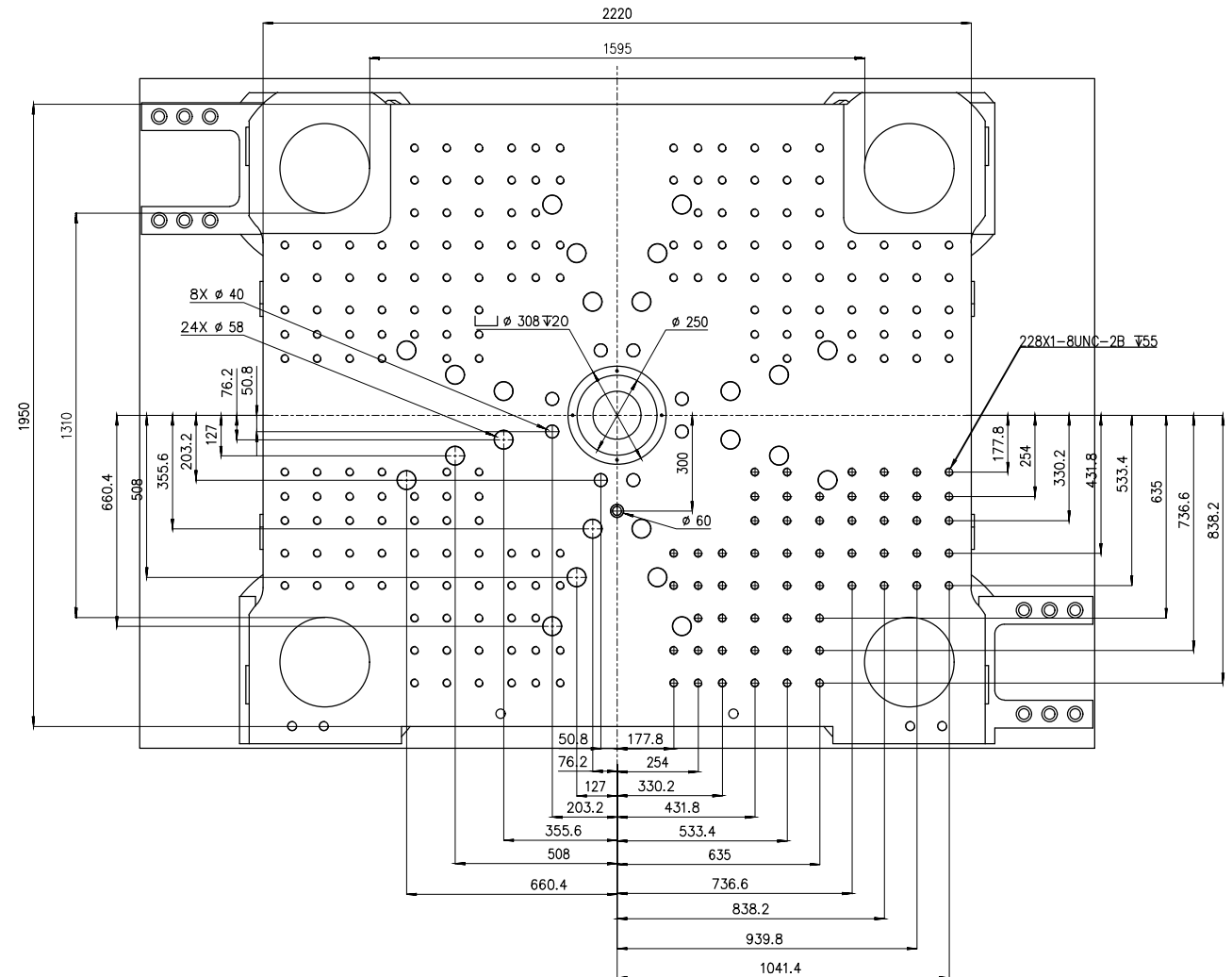
Other		
Pump Motor Power	kW	135
Heater Power	kW	83
Machine Dimension (LxWxH)	m	11.37x3.73x3.31
	in.	448x147x130
Machine Weight	t	64
	lbs.	141096
Hopper Capacity	kg	50
	lbs.	110
Oil Tank	l	840
	gal	222

***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 13000W Fixed & Moving Platens Drawing			
Machine Model: JU V 13000W		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
Rev #: 1			Size: 11 X 17 "B"
Rev #: 2			Units: mm / [in]
Rev #: 3			Material:
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:
