

Specification



JU12000V-6750

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU12000V
Clamping Force	kN	12000
	US Tons	1349
Mold Opening Stroke (Min/Max)	mm	2050/1400
	in.	80.71/55.12
Minimum Mold Height	mm	600
	in.	23.62
Maximum Mold Height	mm	1250
	in.	49.21
Maximum Daylight	mm	2650
	in.	104.33
Distance Between Tie-Bars (HXV)	mm	1310×1200
	in.	51.57×47.24
Platen Dimensions (HXV)	mm	1860×1760
	in.	73.23×69.29
Ejector Stroke	mm	350
	in.	13.78
Ejector Force	kN	230
	US Tons	26
Maximum Mold Weight*	t	20
	lbs.	44092

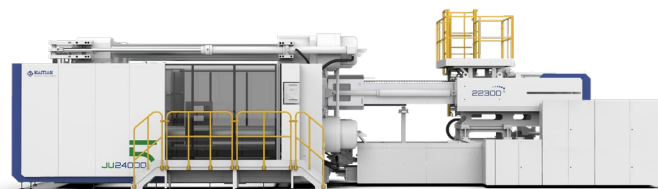
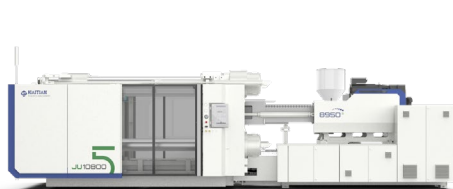
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Injection Unit		6750		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	90	100	110
	in.	3.54	3.94	4.33
Screw L/D Ratio	L/D	24.4	22	20
Injection Volume (theoretical)	cm ³	2990	3691	4466
	cu.in.	182.46	225.24	272.53
Injection Weight (PS)	g	2720	3359	4064
	oz.	95.95	118.49	143.35
Injection Rate (PS)	g/s	644	796	963
	oz./s	22.72	28.08	33.97
Injection Pressure	MPa	193	156	129
	psi	27992	22626	18710
Injection Pressure (max)*	MPa	222	180	148
	psi	32198	26107	21466
Plasticizing Rate (GPPS)	g/s	103.4	127.1	150.2
	oz./s	3.65	4.48	5.30
Plasticizing Rate (HDPE)	g/s	155.6	191	227.5
	oz./s	5.49	6.74	8.02
Screw Speed	rpm	170	170	170



Absolute Haitian Corporation • 33 Southgate St. Worcester, MA 01610
508-459-5372 • absolutehaitian.com

Specifications subject to change without notice



Rev 2 7/9/2024

Specification



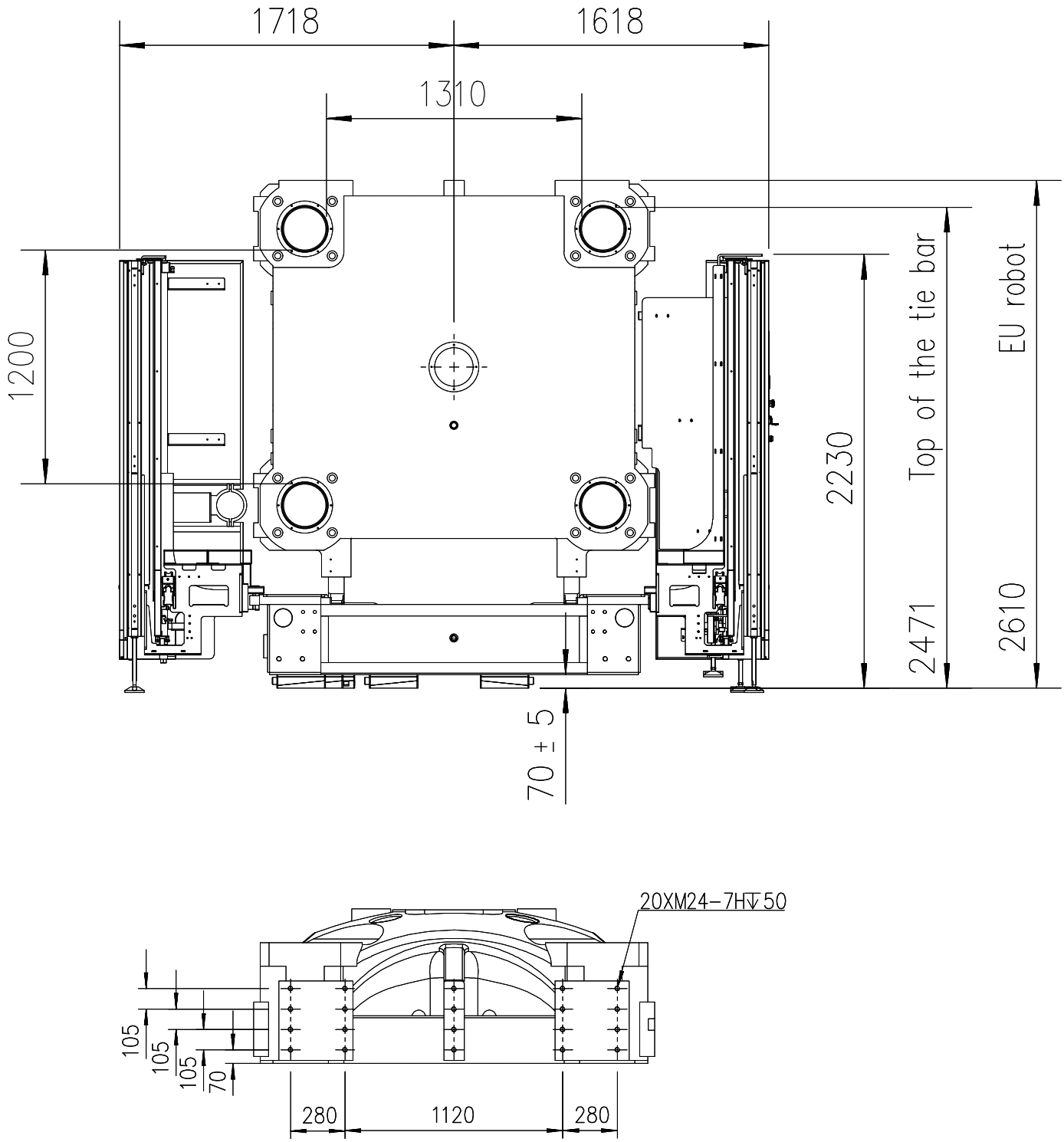
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Other		
Pump Motor Power	kW	105
Heater Power	kW	71
Machine Dimension (LxWxH)	m	9.66×3.34×3.13
	in.	380×131×123
Machine Weight	t	49
	lbs.	108027
Hopper Capacity	kg	100
	lbs.	220
Oil Tank	l	590
	gal	156

***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.



Absolute Haitian Corporation
33 Southgate St. Worcester, MA
T:+1 508-792-4305
www.absolutehaitian.com

Title: JU V 12000-8950 Robot Mounting Drawing				
Machine Model: JU V 12000-8950			Sheet: 1 of 1	
Machine Serial Number:			Drawn By: Harry	Date: 4/9/2024
Machine Tonnage:			Chkd By: LEON XIE	Date: 4/9/2024
Revision	Date:	Drawing #: Robot Mounting	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:
