

Specification



JU16000V-8950

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU16000V
Clamping Force	kN	16000
	US Tons	1798
Mold Opening Stroke (Min/Max)	mm	2550/1700
	in.	100.39/66.93
Minimum Mold Height	mm	700
	in.	27.56
Maximum Mold Height	mm	1550
	in.	61.02
Maximum Daylight	mm	3250
	in.	127.95
Distance Between Tie-Bars (HXV)	mm	1570×1285
	in.	61.81×50.59
Platen Dimensions (HXV)	mm	2220×1950
	in.	87.4×76.77
Ejector Stroke	mm	400
	in.	15.75
Ejector Force	kN	330
	US Tons	37
Maximum Mold Weight*	t	33
	lbs.	72753

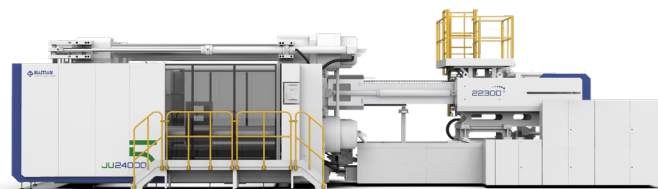
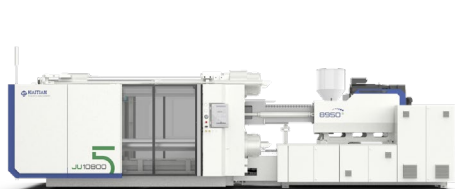
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Injection Unit		8950		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	100	110	120
	in.	3.94	4.33	4.72
Screw L/D Ratio	L/D	24.2	22	20.2
Injection Volume (theoretical)	cm ³	4005	4846	5767
	cu.in.	244.40	295.72	351.92
Injection Weight (PS)	g	3645	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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Specifications subject to change without notice



Rev 2 7/9/2024

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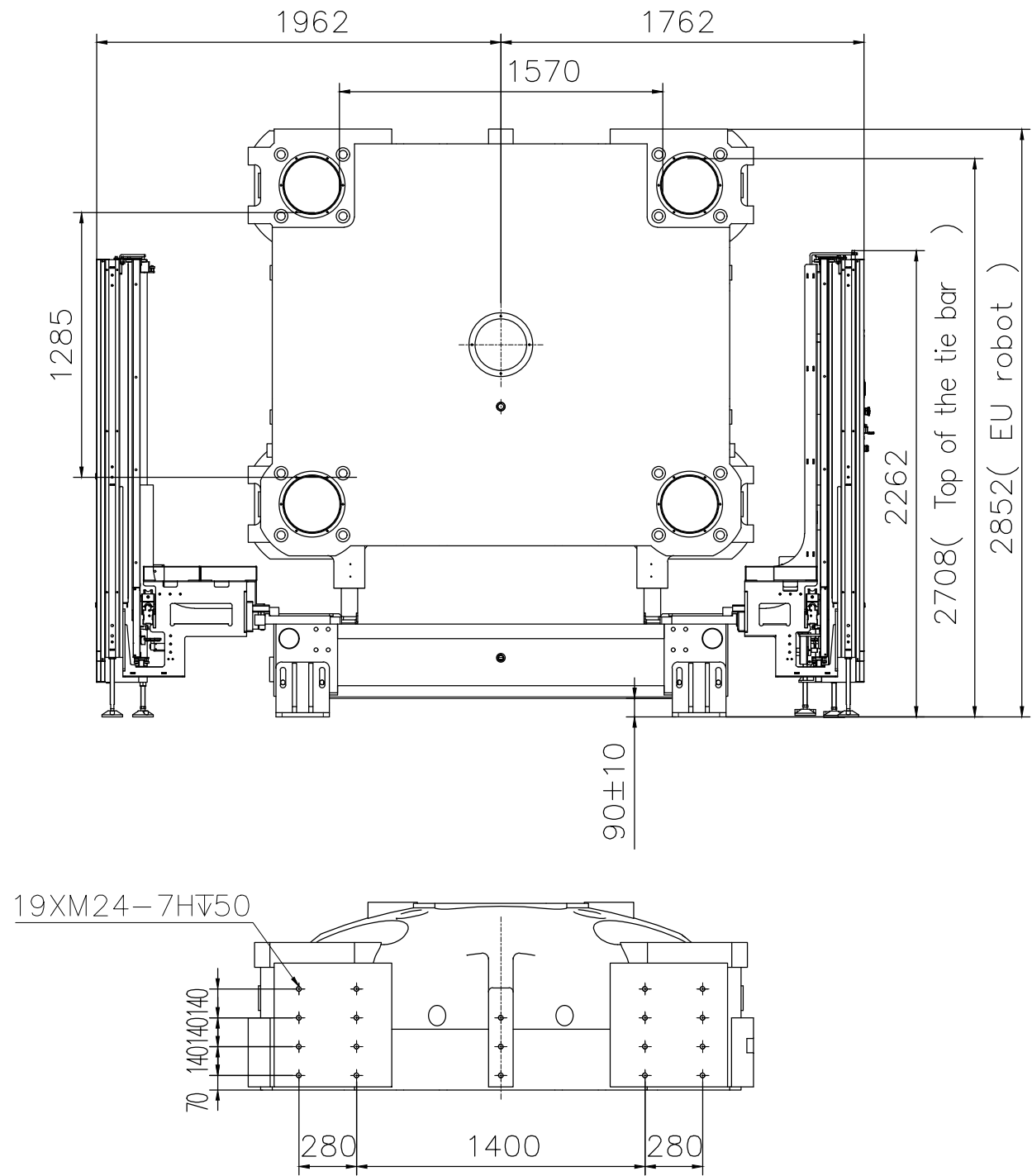
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Other		
Pump Motor Power	kW	135
Heater Power	kW	83
Machine Dimension (LxWxH)	m	11.27×3.52×4.02
	in.	444x139x158
Machine Weight	t	69
	lbs.	152119
Hopper Capacity	kg	200
	lbs.	441
Oil Tank	l	840
	gal	222

***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.



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Title: JU V 16000-17500 Robot Mounting Drawing

Machine Model: JU V 16000-17500

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 4/9/2024

Chkd By: LEON XIE

Date: 4/9/2024

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

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: