

JU12000V-5350

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU12000V
Clamping Force	kN	12000
Mold Opening Stroke (Min/Max)	mm	2050/1400
Minimum Mold Height	mm	600
Maximum Mold Height	mm	1250
Maximum Daylight	mm	2650
Distance Between Tie-Bars (HXV)	mm	1310×1200
Platen Dimensions (HXV)	mm	1860x1760
Ejector Stroke	mm	350
Ejector Force	kN	230
Maximum Mold Weight*	t	20

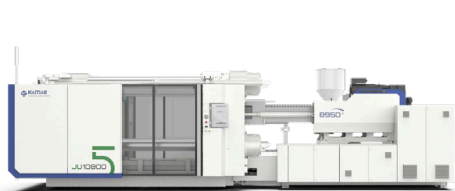
Specification



JU12000V-5350

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Injection Unit		5350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	90	100
Screw L/D Ratio	L/D	24.8	22	19.8
Injection Volume (theoretical)	cm ³	2261	2862	3534
Injection Weight (PS)	g	2058	2605	3216
Injection Rate (PS)	g/s	610	772	954
Injection Pressure	MPa	204	161	130
Injection Pressure (max)*	MPa	236	186	151
Plasticizing Rate (GPPS)	g/s	85	106.6	131
Plasticizing Rate (HDPE)	g/s	127.9	162.2	200.1
Screw Speed	rpm	190	190	190



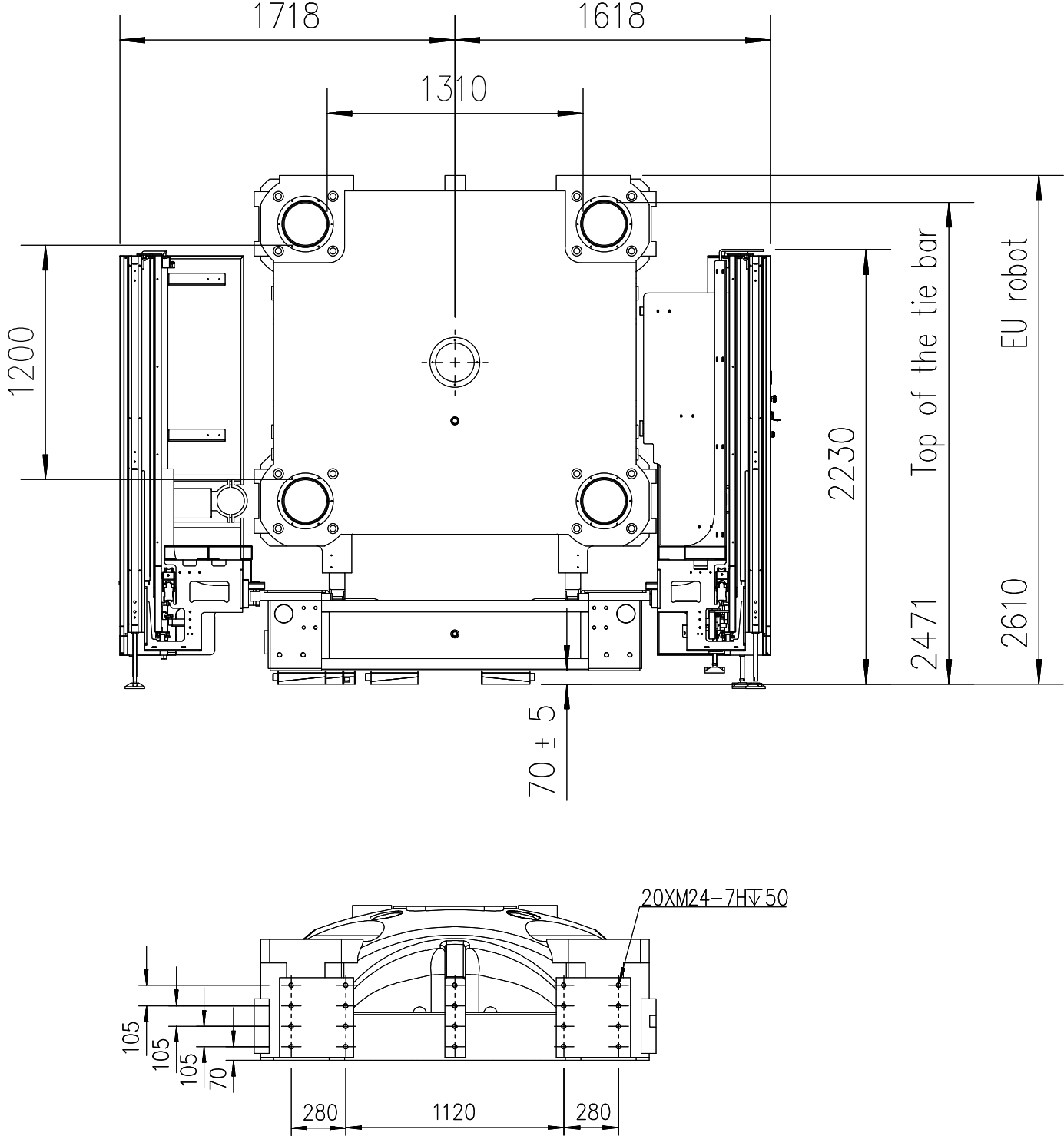
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Other		
Pump Motor Power	kW	105
Heater Power	kW	54
Machine Dimension (LxWxH)	m	9.51×3.34×3.12
Machine Weight	t	47
Hopper Capacity	kg	100
Oil Tank	l	510

***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 Cabletech Marketing 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 Cabletech Marketing service department for machine specific information.



Title: JU V 12000-8950 Robot Mounting Drawing

Machine Model: JU V 12000-8950

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: