

JU4500V-4650

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU4500V
Clamping Force	kN	4500
Mold Opening Stroke (Min/Max)	mm	1050/550
Minimum Mold Height	mm	350
Maximum Mold Height	mm	850
Maximum Daylight	mm	1400
Distance Between Tie-Bars (HXV)	mm	810×810
Platen Dimensions (HXV)	mm	1090x1180
Ejector Stroke	mm	250
Ejector Force	kN	110
Maximum Mold Weight*	t	6.5

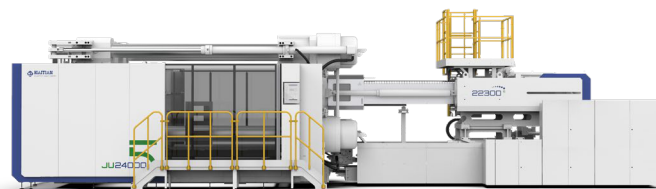
Specification



JU4500V-4650

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Injection Unit		4650		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	80	85	90
Screw L/D Ratio	L/D	23.4	22	20.8
Injection Volume (theoretical)	cm3	2211	2496	2799
Injection Weight (PS)	g	2012	2272	2547
Injection Rate (PS)	g/s	525	593	665
Injection Pressure	MPa	181	160	143
Injection Pressure (max)*	MPa	208	185	165
Plasticizing Rate (GPPS)	g/s	80.2	88.7	101
Plasticizing Rate (HDPE)	g/s	119.7	132.9	150.2
Screw Speed	rpm	200	200	200



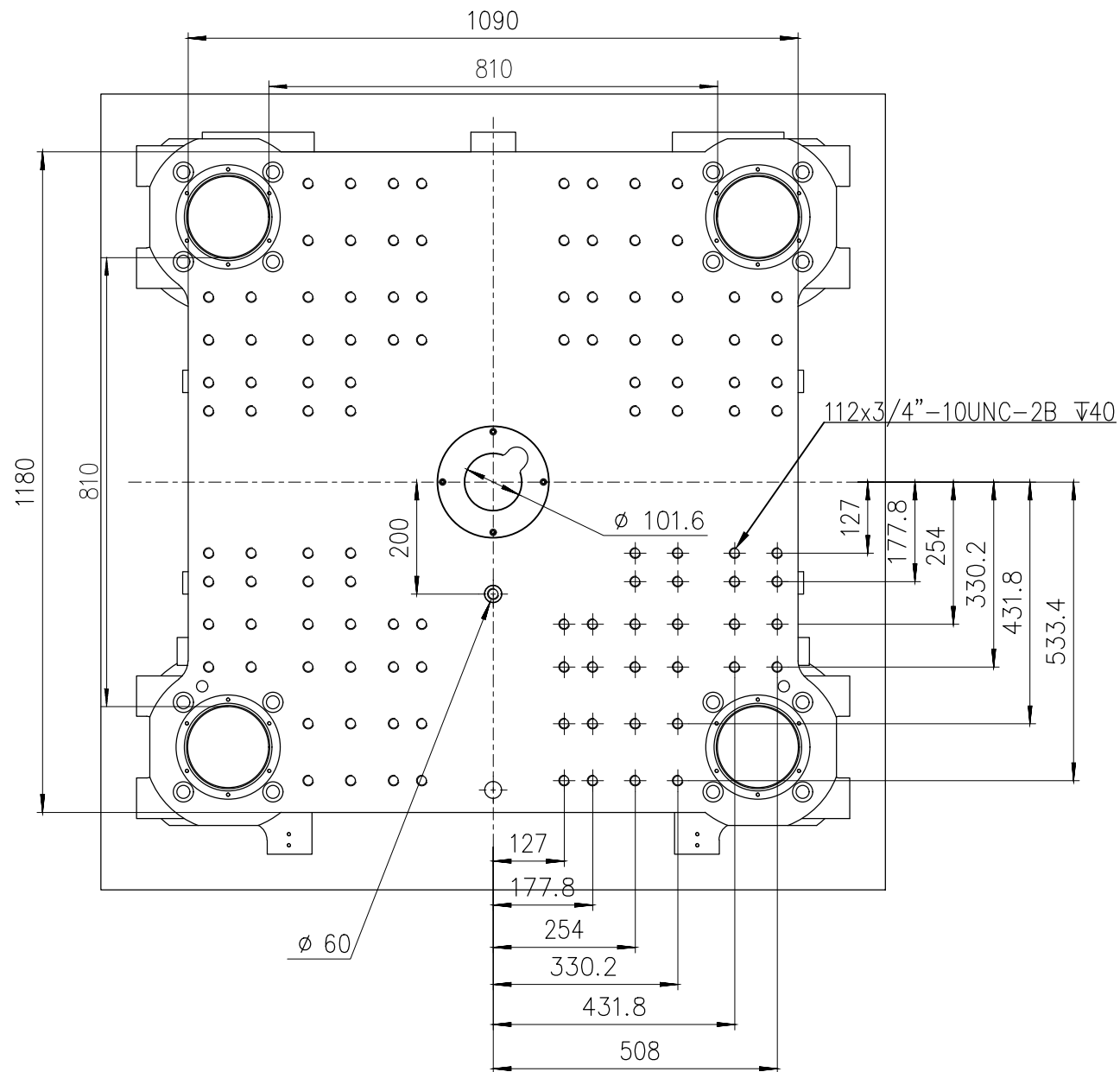
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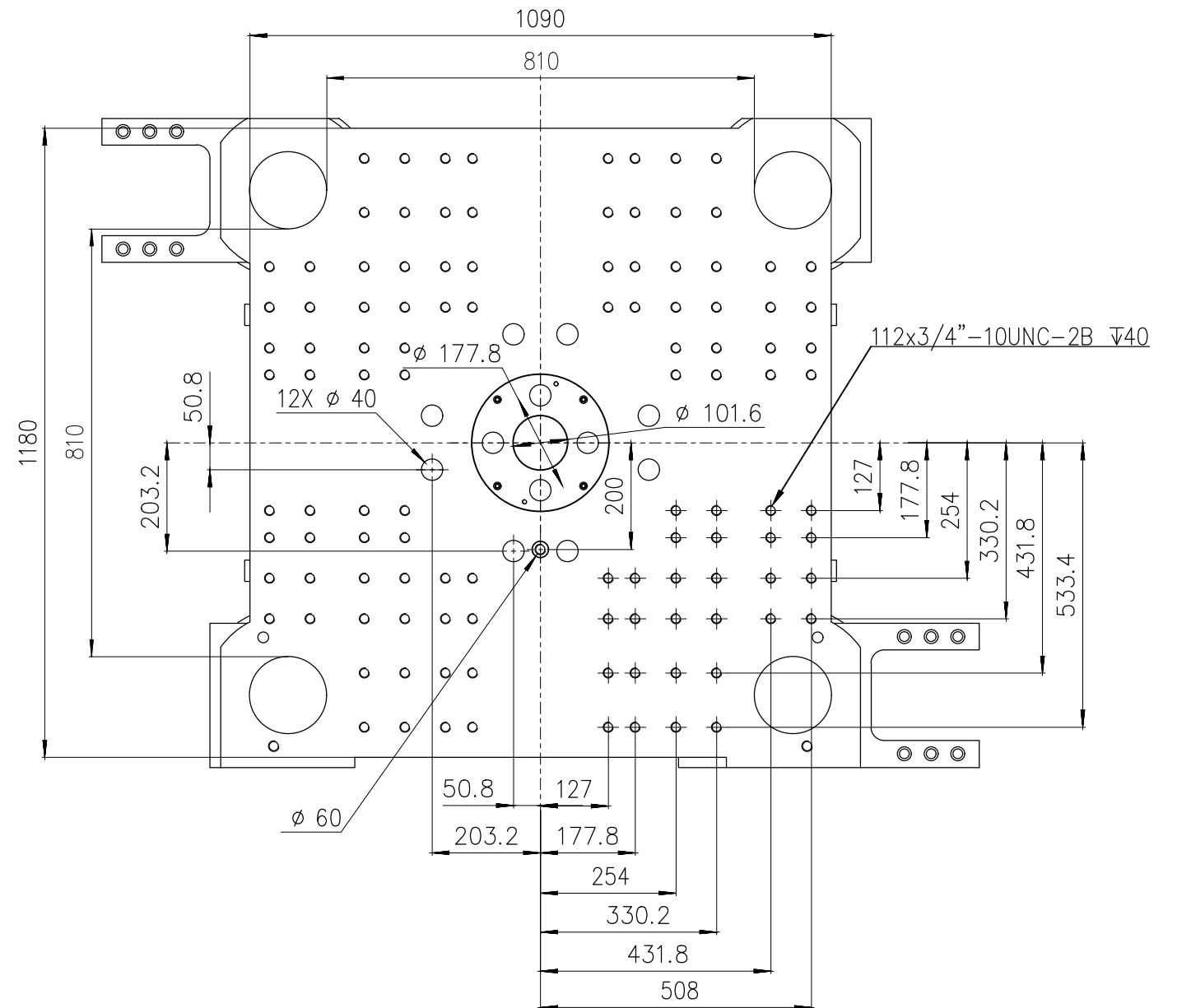
Other		
Pump Motor Power	kW	75
Heater Power	kW	48
Machine Dimension (LxWxH)	m	7.65×2.17×2.90
Machine Weight	t	22
Hopper Capacity	kg	100
Oil Tank	l	510

***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.



Fixed Platen



Moving Platen



Title: JUV 4500 Fixed & Moving Platens Drawing

Machine Model: JUV 4500

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 1/9/2024

Chkd By: LEON XIE

Date: 1/9/2024

Revision Date: Drawing #:

Rev #: 1

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

NOT TO SCALE

Size: 11 X 17 "B"

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

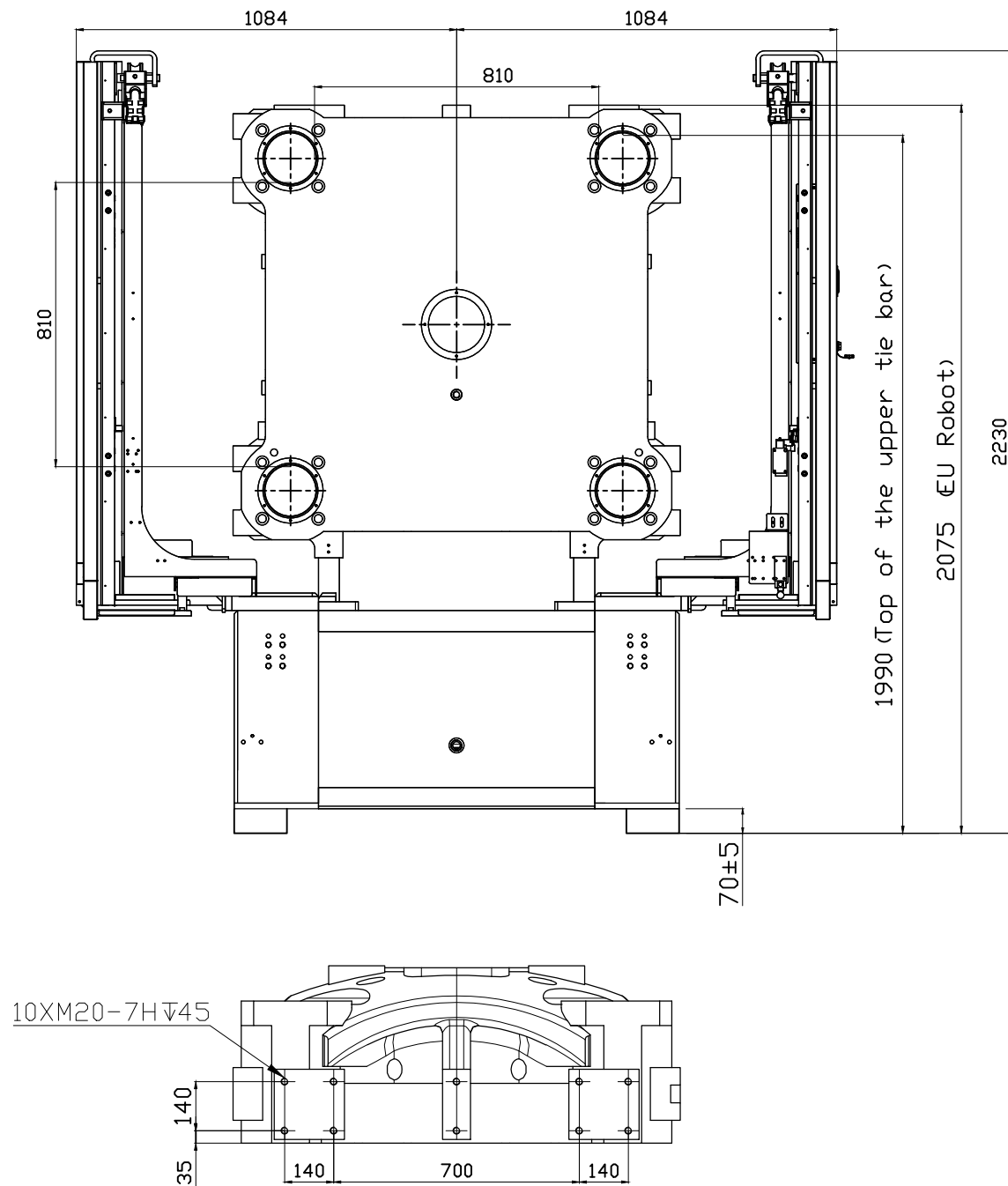
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility 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:



Title: JU V 4500-2250 Robot Mounting Drawing

Machine Model: JU V 4500-2250
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 4/9/2024

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:

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