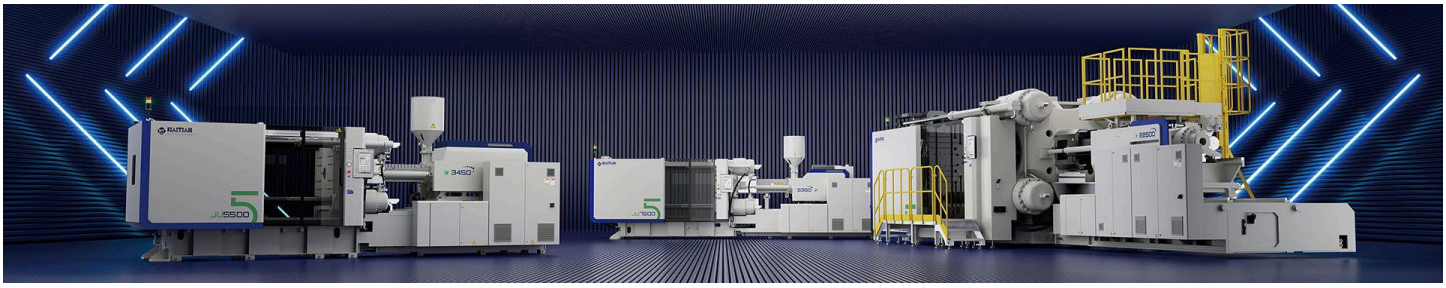
Specification

JU18500V-17500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU18500V
Clamping Force	kN	18500
Mold Opening Stroke (Min/Max)	mm	2600/1750
Minimum Mold Height	mm	750
Maximum Mold Height	mm	1600
Maximum Daylight	mm	3350
Distance Between Tie-Bars (HXV)	mm	1900×1450
Platen Dimensions (HXV)	mm	2620x2175
Ejector Stroke	mm	450
Ejector Force	kN	450
Maximum Mold Weight*	t	40

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SUPPLIERS OF PLASTICS CONVERSION MACHINERY – SINCE 1976

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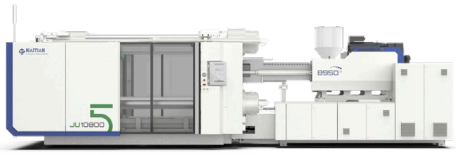
VAT REG No. 4230231187 - Reg. No. 2005/01650607

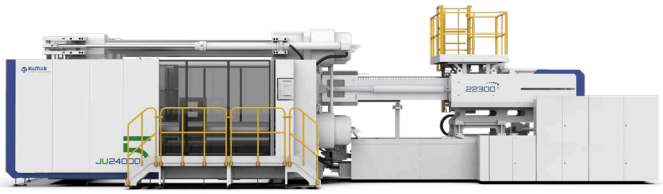
Specification

JU18500V-17500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		17500		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	130	140	150
Screw L/D Ratio	L/D	24	22.3	20.8
Injection Volume (theoretical)	cm3	8362	9698	11133
Injection Weight (PS)	g	7609	8825	10131
Injection Rate (PS)	g/s	1281	1486	1705
Injection Pressure	MPa	185	160	139
Injection Pressure (max)*	MPa	210	181	158
Plasticizing Rate (GPPS)	g/s	168	192	220
Plasticizing Rate (HDPE)	g/s	252	283	336
Screw Speed	rpm	102	102	102





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Specification

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JUPITER 5 Series: Two-Platen Servo-Hydraulic

Other		
Pump Motor Power	kW	195
Heater Power	kW	123
Machine Dimension (LxWxH)	m	12.70×4.74×4.74
Machine Weight	t	87
Hopper Capacity	kg	400
Oil Tank	l	1670

*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.

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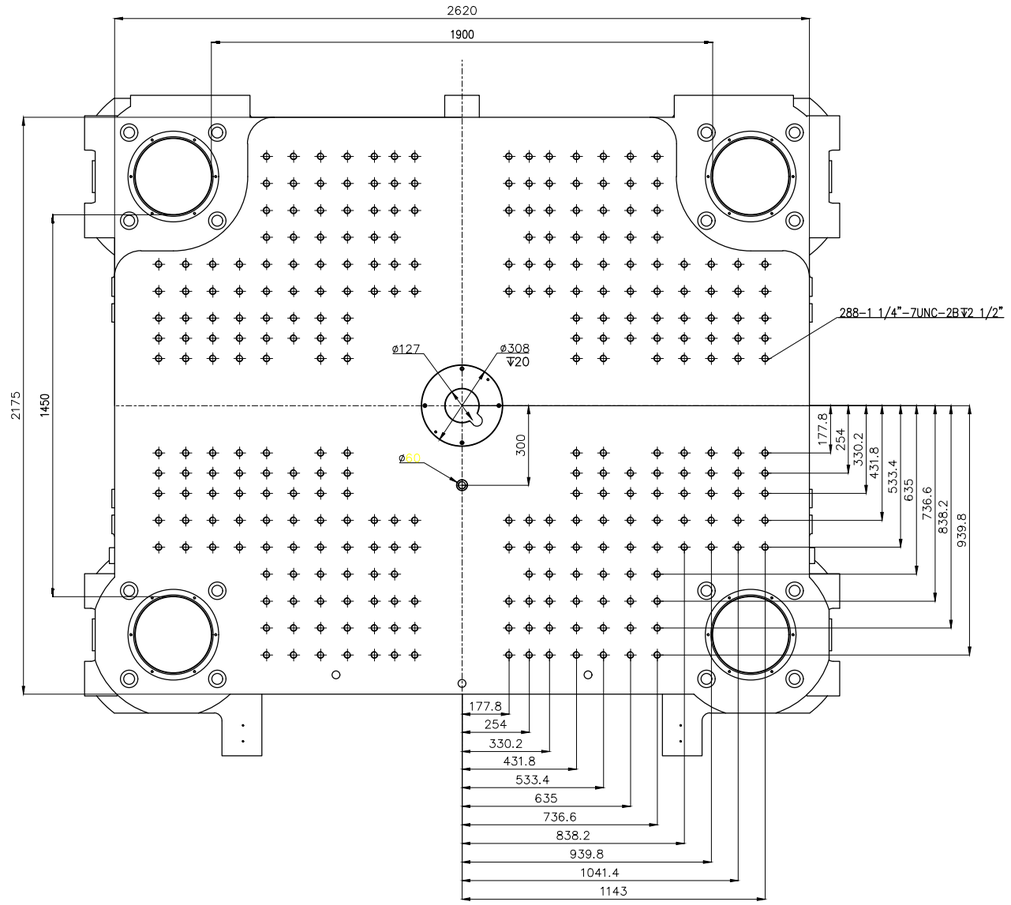
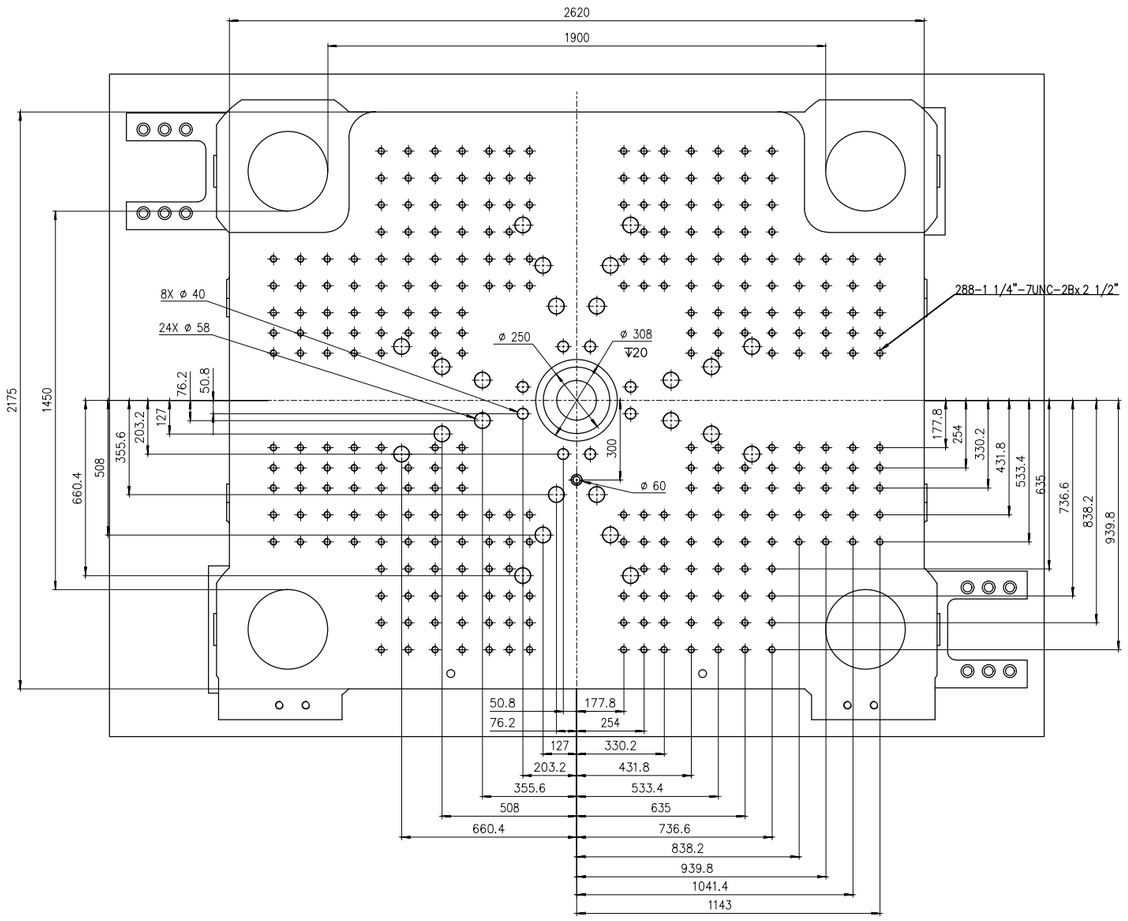


Fixed Platen



Moving Platen

CABLETECH MARKETING
SUPPLIERS OF PLASTICS CONVERSION MACHINERY – SINCE 1976

Title: JUV 18500 Fixed & Moving Platens Drawing

Machine Model: JUV 18500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry **Date: 1/9/2024**

Chkd By:LEON XIE **Date: 1/9/2024**

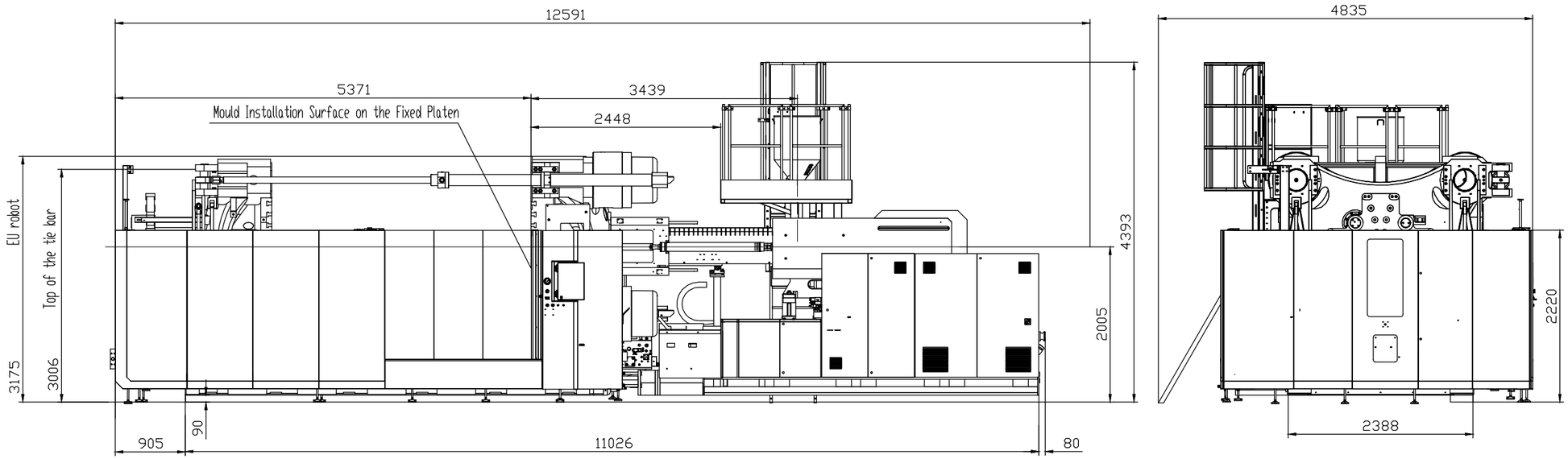
Revision	Date:	**Drawing #:**	NOT TO SCALE	**Size:** 11 X 17 "B"
Rev #: 1				Units: mm / [in]
Rev #: 2				Material:
Rev #: 3				**Part:**
Rev #: 4				**Part:**
Rev #: 5				**Part:**
				Part:
				Part:
				Part:

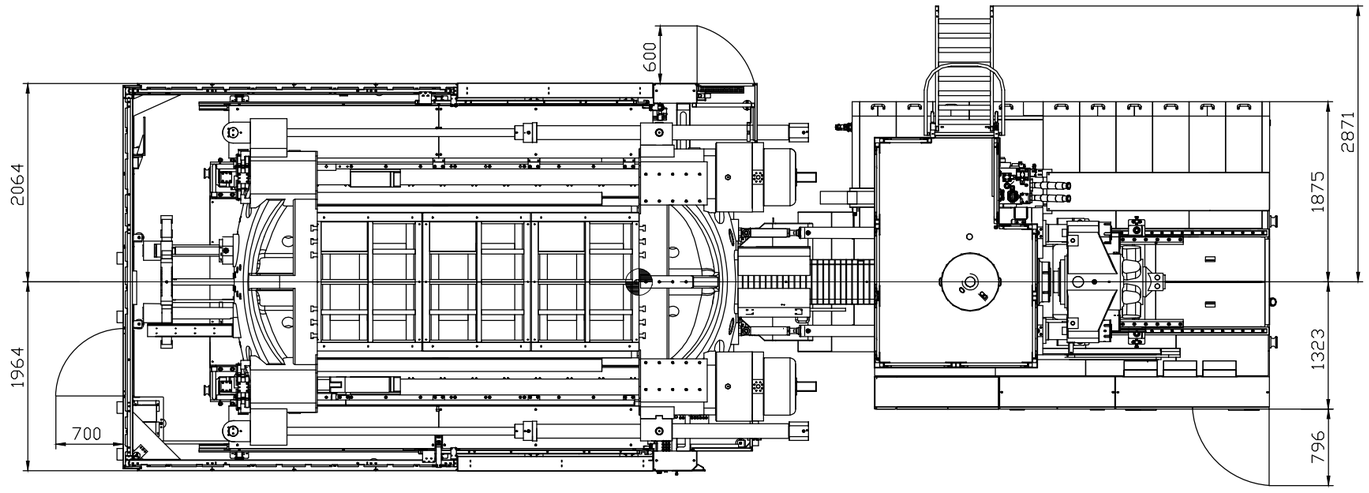
PLEASE READ:
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with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





CABLETECH MARKETING
SUPPLIERS OF PLASTICS CONVERSION MACHINERY – SINCE 1976

Title: JU V 18500-17500 Layout Drawing

Machine Model: JU V 18500-17500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1
Drawn By: Harry — **Date:** 3/21/2024
Chkd By:LEON XIE — **Date:** 3/21/2024
Size: 11 X 17 "B"
NOT TO SCALE
Units: mm / [in]
Material:

Revision	Date:	Drawing #: Layout
Rev #: 1		
Rev #: 2		
Rev #: 3		
Rev #: 4		
Rev #: 5		

Part:
Part:
Part:
Part:
Part:
Part:

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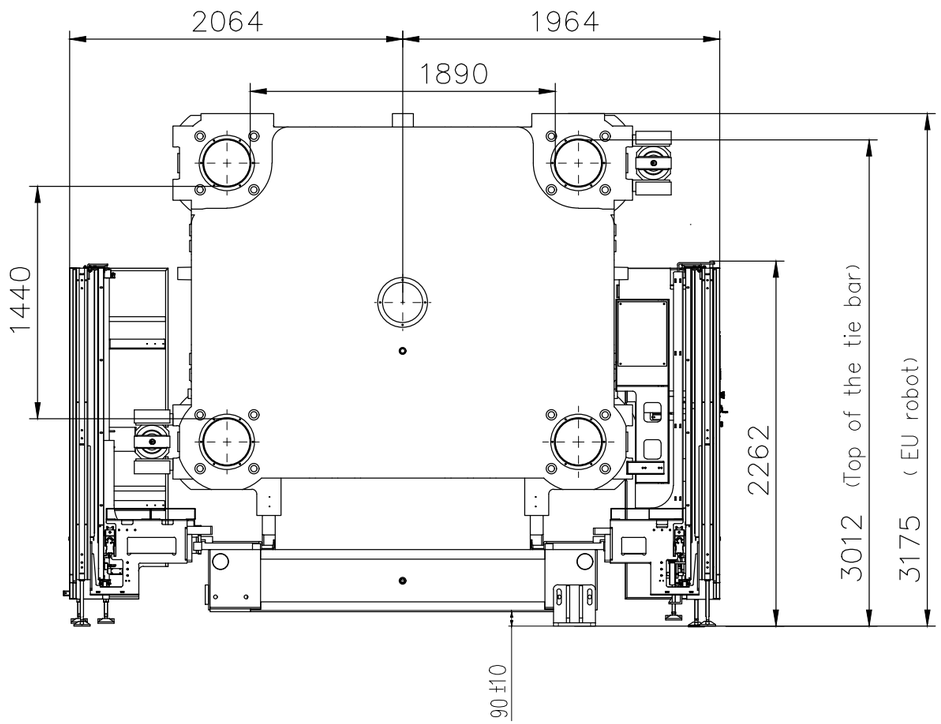
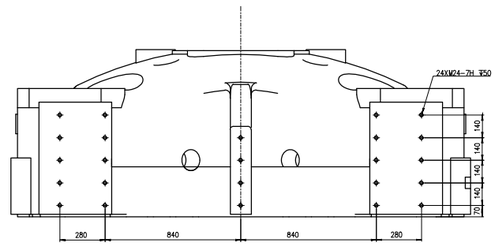
Customer:

Customer Approval:
Authorized Signature

Notes:





CABLETECH MARKETING
SUPPLIERS OF PLASTICS CONVERSION MACHINERY – SINCE 1976

Title: JU V 18500-17500 Robot Mounting Drawing

Machine Model: JU V 18500-17500
Machine Serial Number:
Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry — **Date: 4/9/2024**

Chkd By: LEON XIE — **Date: 4/9/2024**

Drawing #: Robot Mounting — NOT TO SCALE — **Size:** 11 X 17 "B"

Units: mm / [in]

Material:

Revision	Date:
Rev #: 1	
Rev #: 2	
Rev #: 3	
Rev #: 4	
Rev #: 5	

Part:
Part:
Part:
Part:
Part:
Part:

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Customer:

Customer Approval:
Authorized Signature

Notes: