

Specification



JU40000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic



Clamping Unit		JU40000V
Clamping Force	kN	40000
	US Tons	4496
Mold Opening Stroke (Min/Max)	mm	3460/2260
	in.	136.22/88.98
Minimum Mold Height	mm	1000
	in.	39.37
Maximum Mold Height	mm	2200
	in.	86.61
Maximum Daylight	mm	4460
	in.	175.59
Distance Between Tie-Bars (HXV)	mm	2400×2000
	in.	94.49×78.74
Platen Dimensions (HXV)	mm	3320x2920
	in.	130.71x114.96
Ejector Stroke	mm	550
	in.	21.65
Ejector Force	kN	580
	US Tons	65
Maximum Mold Weight*	t	86
	lbs.	189598

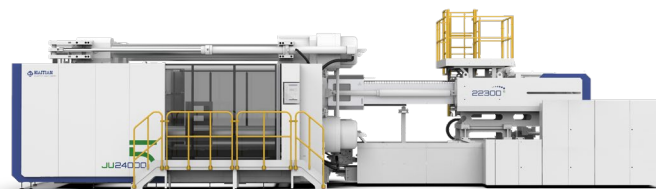
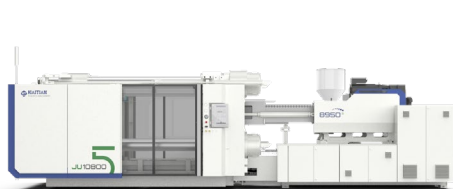
Specification



JU40000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

Injection Unit		93500
Screw & Barrel Designation		B
Screw Diameter	mm	240
	in.	9.45
Screw L/D Ratio	L/D	23
Injection Volume (theoretical)	cm ³	60167
	cu.in.	3671.62
Injection Weight (PS)	g	54752
	oz.	1931.32
Injection Rate (PS)	g/s	3188
	oz./s	112.45
Injection Pressure	MPa	141
	psi	20450
Injection Pressure (max)*	MPa	155
	psi	22481
Plasticizing Rate (GPPS)	g/s	\
	oz./s	\
Plasticizing Rate (HDPE)	g/s	470
	oz./s	16.58
Screw Speed	rpm	50



Specification



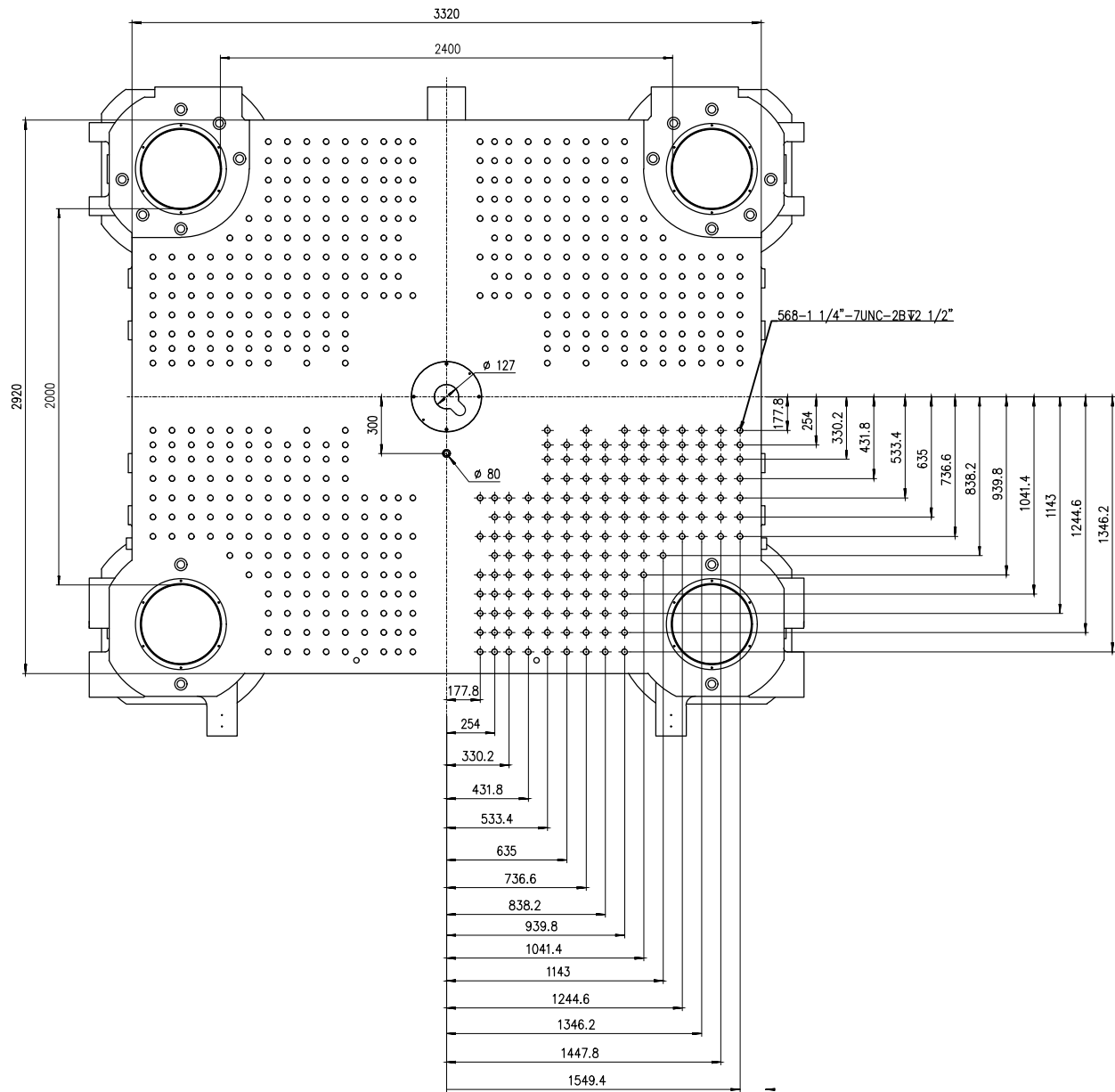
JU40000V-93500

JUPITER 5 Series: Two-Platen Servo-Hydraulic

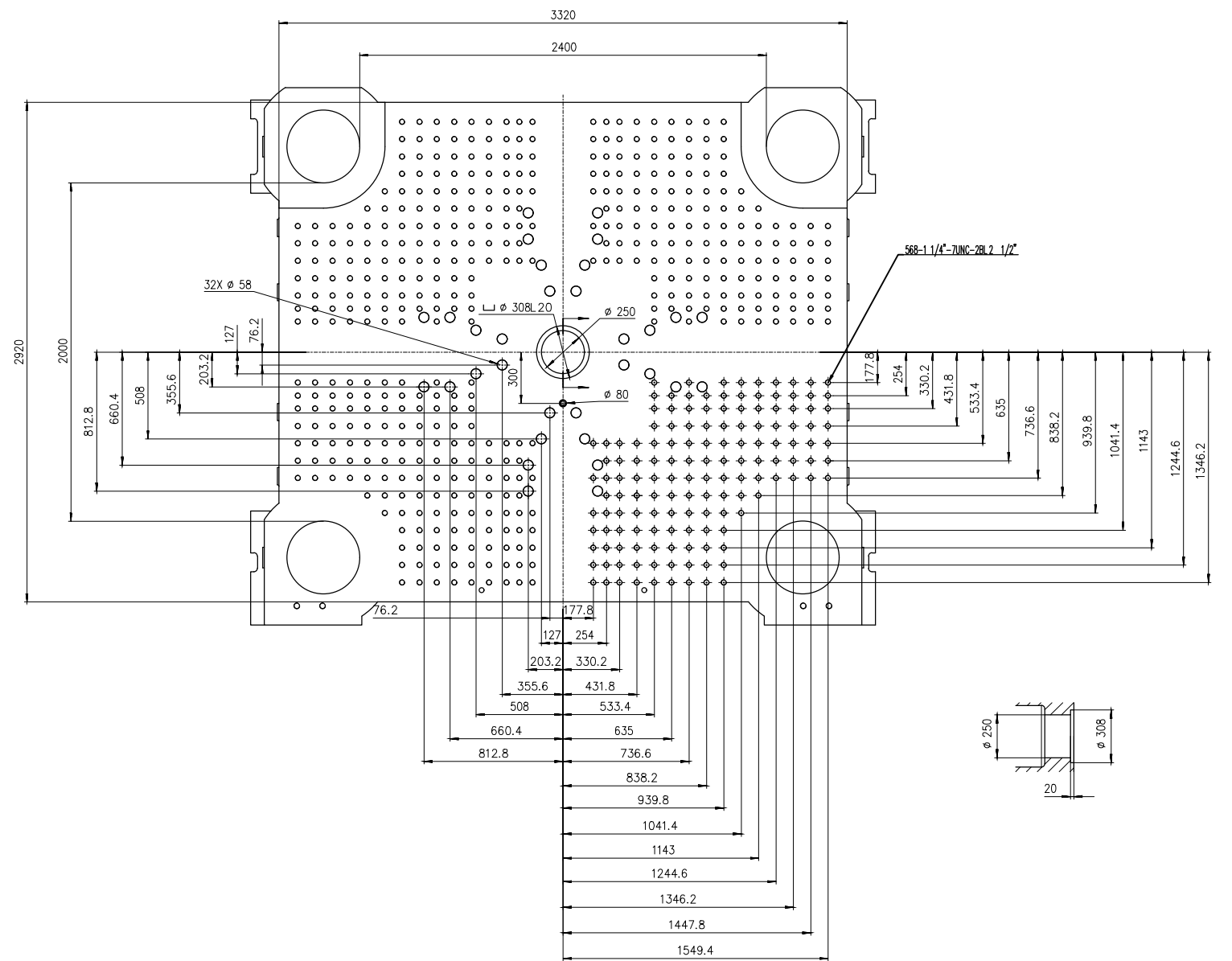
Other		
Pump Motor Power	kW	360
Heater Power	kW	297
Machine Dimension (LxWxH)	m	19.70x6.55x5.70
	in.	776x258x224
Machine Weight	t	225
	lbs.	496040
Hopper Capacity	kg	600
	lbs.	1323
Oil Tank	l	3150
	gal	832

***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.



Fixed Platen



Moving Platen



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

Title: JUV 21000 Fixed & Moving Platens Drawing

Machine Model: JUV 21000
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

Rev #: 2

Rev #: 3

Rev #: 4

Rev #: 5

Units: mm / [in]

Material:

Part:

Part:

Part:

Part:

PLEASE READ:

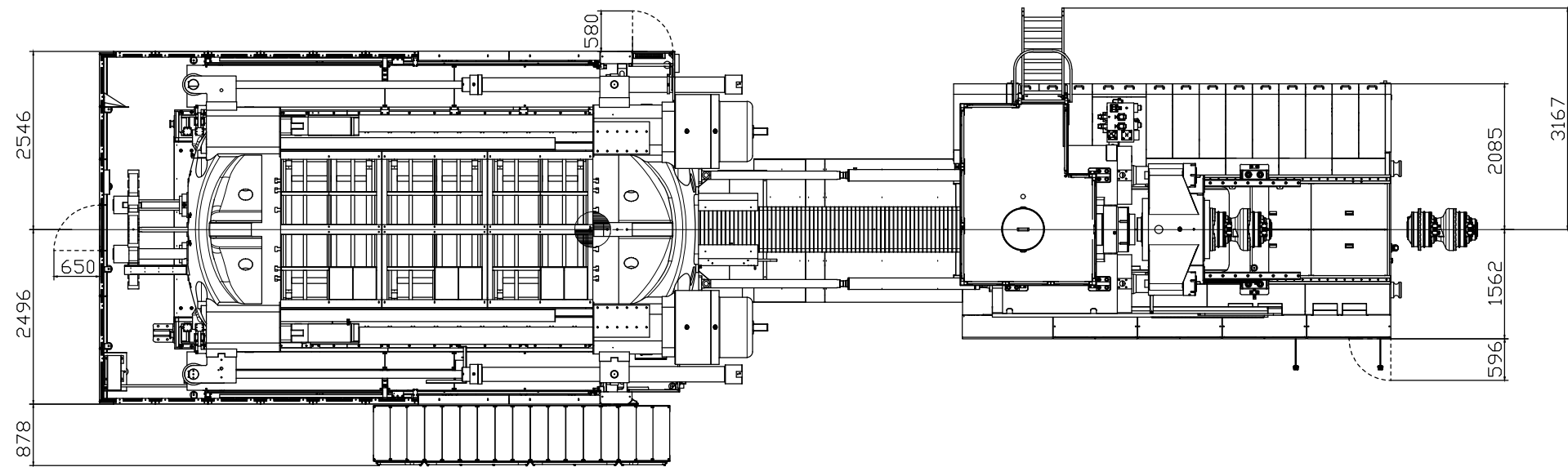
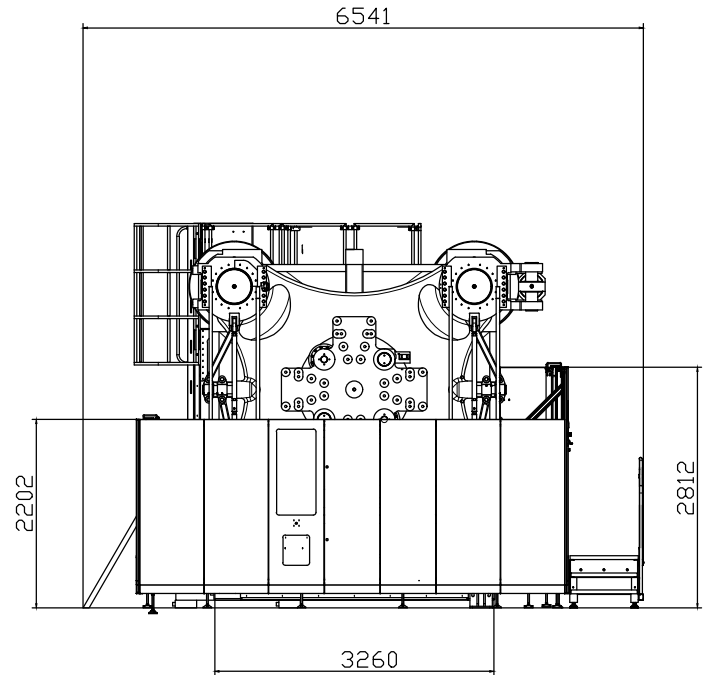
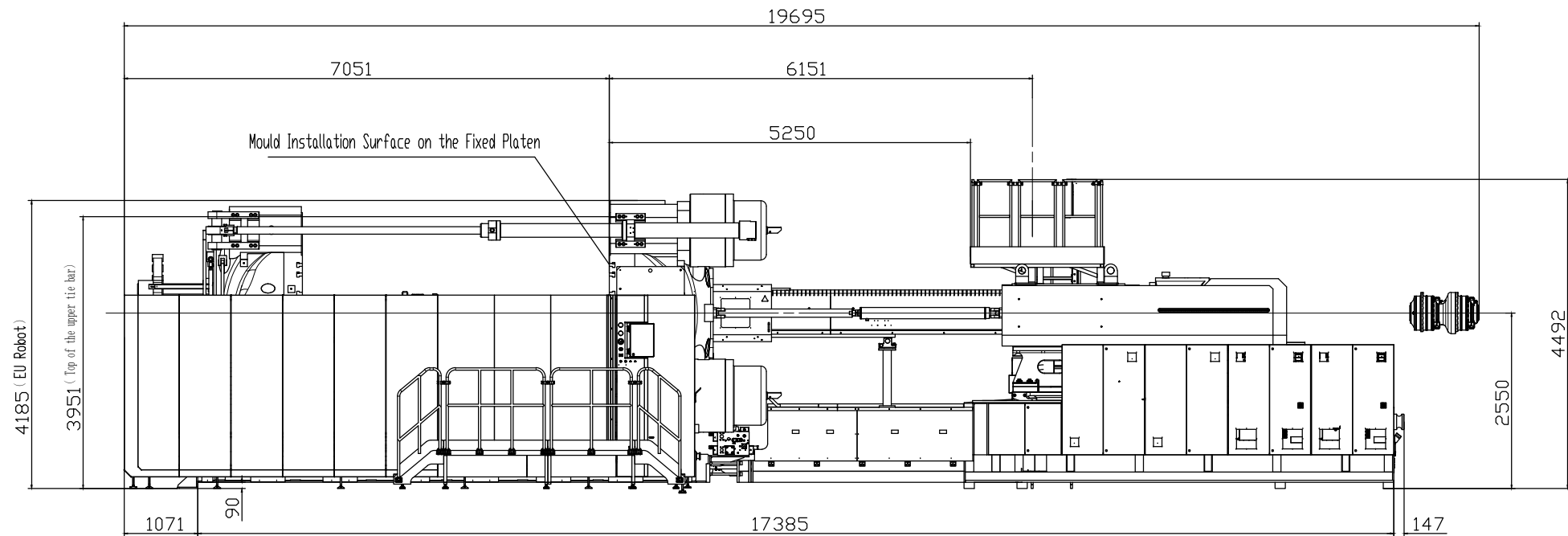
The designs on this drawing were validated using machine manufacturer's drawings and/or information supplied by Absolute or the customer. It is the responsibility of the customer to review and confirm that all dimensions are consistent with the application intended and in accordance with the facility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



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

Title: JU V 40000-93500 Layout Drawing

Machine Model: JU V 40000-93500

Machine Serial Number:

Machine Tonnage:

Sheet: 1 of 1

Drawn By: Harry

Date: 3/21/2024

Chkd By: LEON XIE

Date: 3/21/2024

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.

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