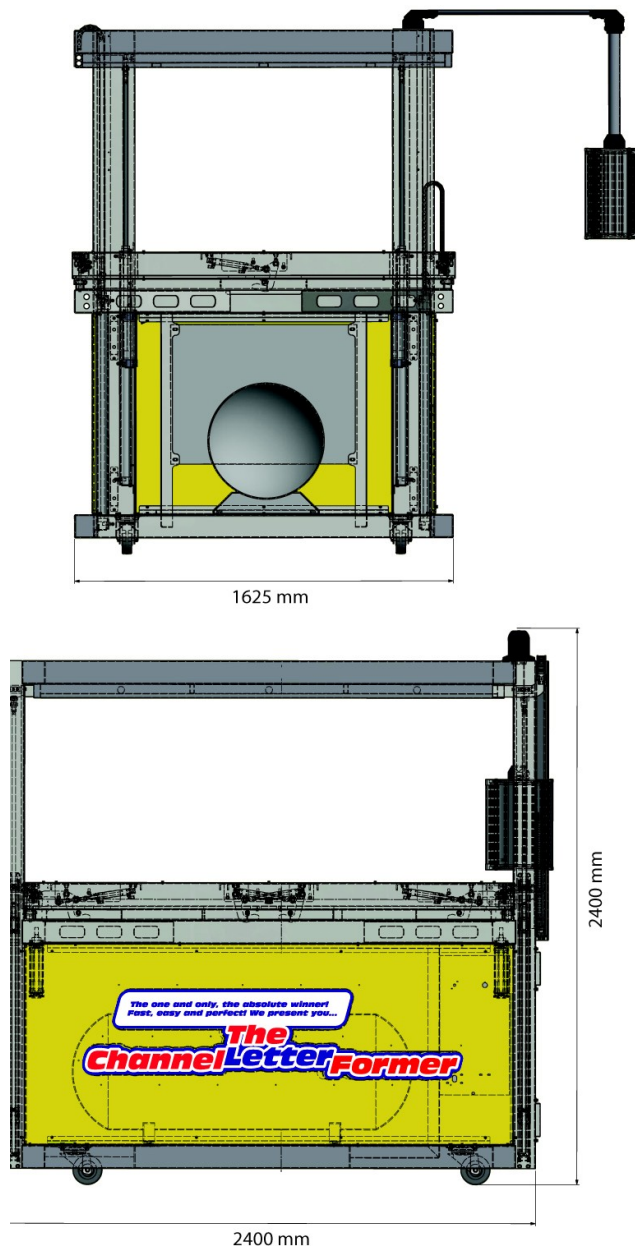


# VACUUMFORMER EU 1.5 x 2 mtr



## **Machine**

Material	Welded steel frame
Type of control	Manual

## **Machine size and weight.**

Shipping dimensions	1 650 mm x 2400 mm x 2400 mm ( L x W x H ) ( 65 inch x 95 inch x 95 inch )
weight	700 kg ( 1543 lbs )
Operating area	3000 mm x 3500 mm ( 118 inch x 137 inch )

# Requirements

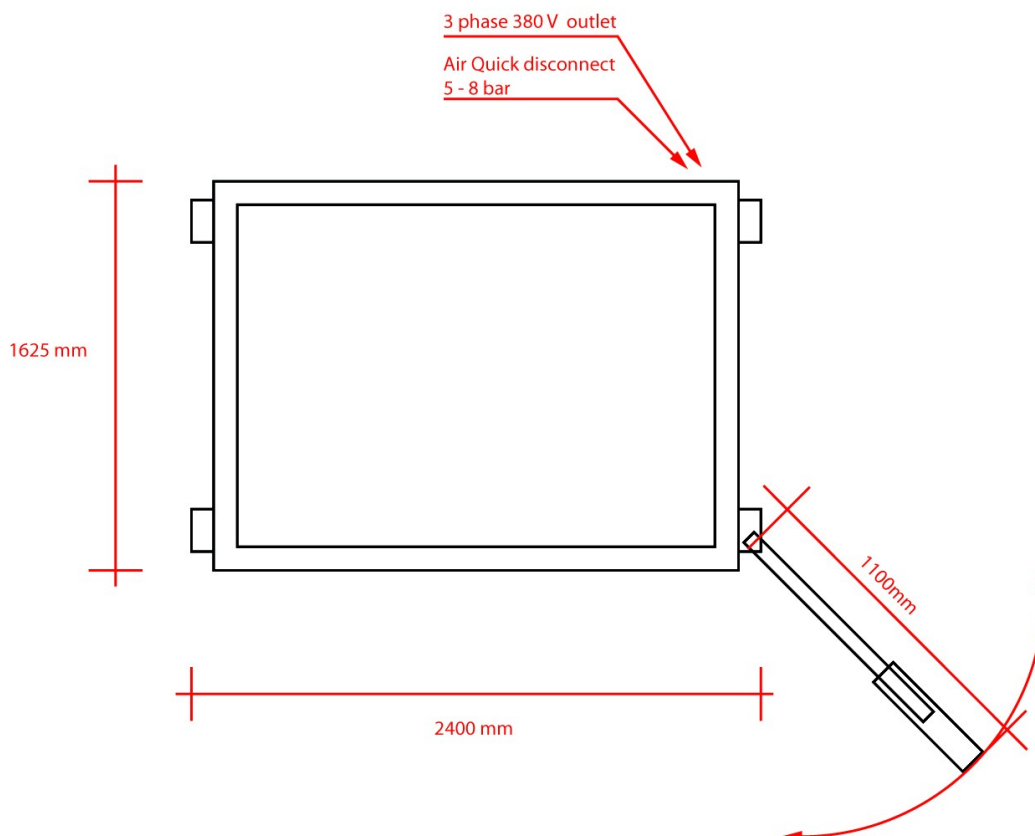
## Air.

1. Air	Clean dry shop air. Free of water and oil.
2. Pressure	5.5 to 8.25 bar ( 80 to 120 PSI ).
3. Airflow	1 CFM (0.02832 m <sup>3</sup> / min)
4. Connector	6 mm ( ¼ inch ) ID minimum air hose with a standard female quick disconnect fitting.

## Electric.

1. Ground	All electrical connections must be grounded.
2. Number of phases	3 phase
3. 220 VAC Locations	380 V 3 phase 32 A outlet.
4. 120 VAC Locations	208 V 3 phase 50 A outlet.
5. Power consumption	18 kVA

## Layout



**Note:** All demensions are approximate. For layout purpose only

## Specifications

### Vacuum.

Used vacuum level	-0.9 bar ( -14.5 PSI )
Content vacuum tank	270 Liter

### Vacuum pump.

Type	12 PBO
Capacity	7 CFM (12 m <sup>3</sup> / hr)
Vacuum	10 mbar ( 0,145 PSI )

### Specification of material type to use.

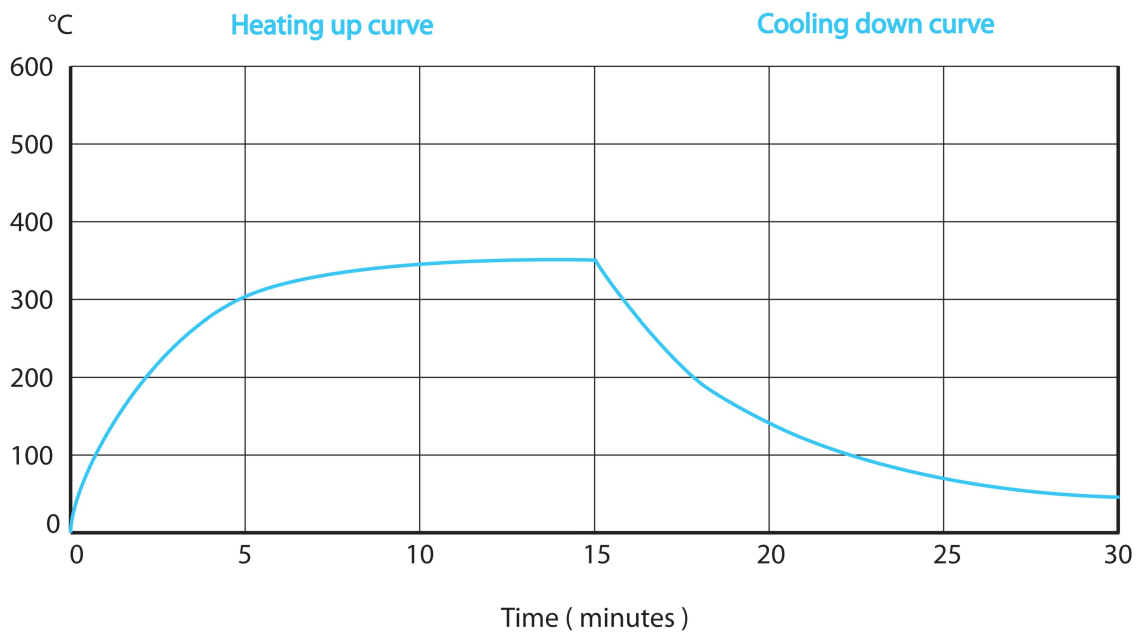
1. Material	PET-G, Polycarbonat, acrylic, PVC, ABS, etc,
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### Dimensions of sheets.

1. Sheet size	1500 x 2000 mm ( 59 inch x 79 inch )
2. Minimum thickness	2 mm ( 0.078 inch )
3. Maximum thickness	5 mm ( 0.196 inch )
4. Maximum size to form	1300 mm x 1800 mm ( 51 inch x 110 inch ) depending on used material and form of the mold.

## **Heating elements.**

Type of element	Ceramicx Full Trough Element
Power consumption	250 W
Main surface temperature	670 F ( 354 °C )
Size of element	245 x 60 mm
Quantity of elements	72 pcs
Lifetime element	20,000 hrs depending on conditions



Heating up and cooling down curve FTE element 250W