

# Machine Specification Sheet VI-3-2000



**VI-3-2000**

**Overview:**

VI-3-2000 is a bi-axial machine with traveling furnace. It has three straight arms with Capacity to mount one mould of 2000 liters on L Arm or two mould of 1000 liters on each straight arm.

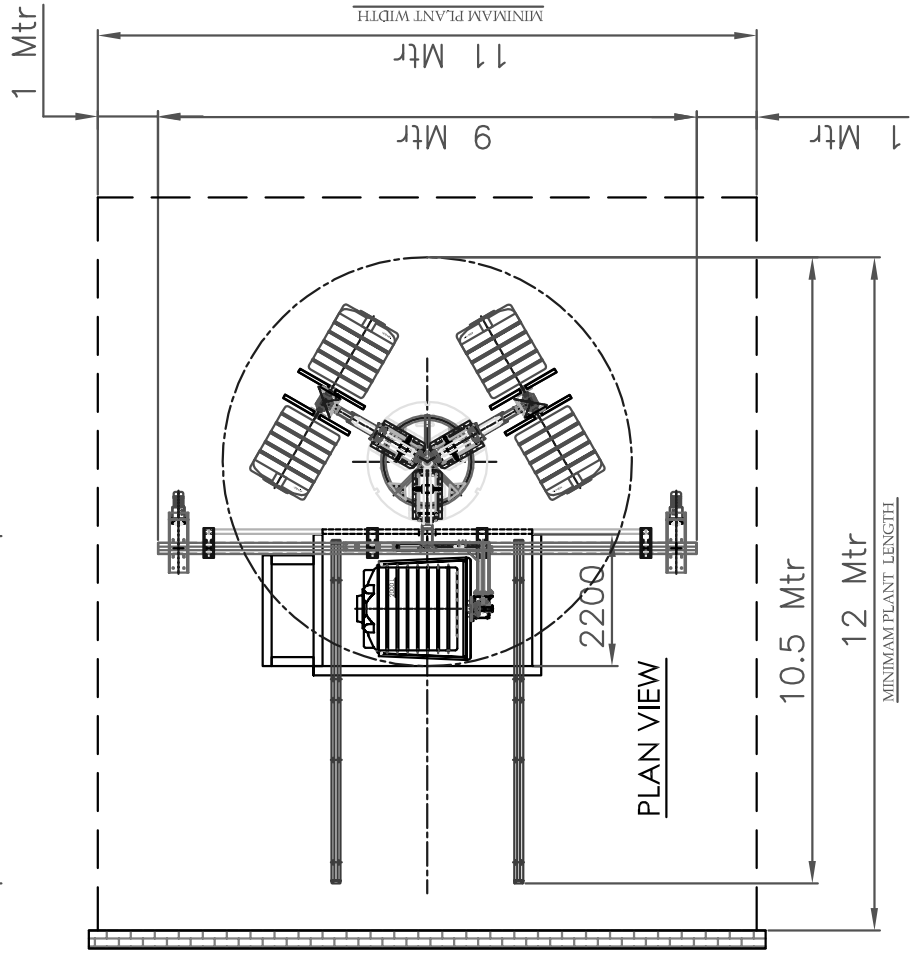
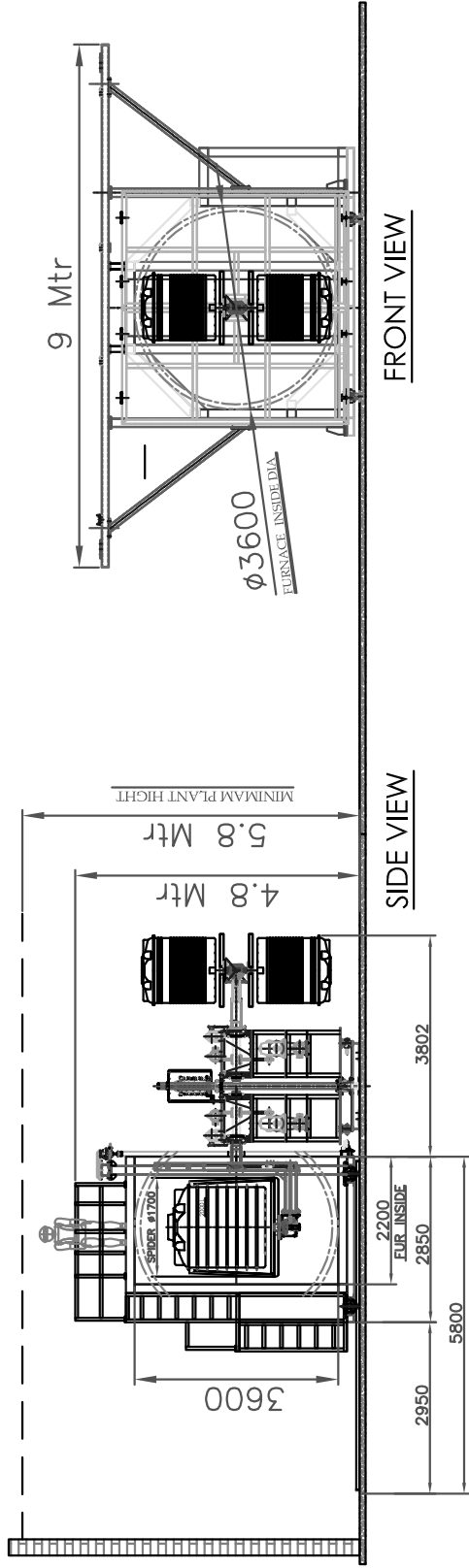
**Features:**

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 54 tanks of 2000 Ltr or 108 tanks of 1000 Ltr and 216 tanks of 500 liter
- Heavy-Duty Turret and Moving Furnace.
- Capable of making Multi-layer Tanks.
- Very suitable to make good quality foam tank.
- Suitable for all rotational moulding articles other than water tank as well.
- Only three Semi-skilled persons required.
- Low electricity consumption
- Fuel Efficient.
- It comes with 1 year warranty on all mechanical components.
- Plain and level ground is sufficient for installation of machine.
- Optional PLC Control Available.

SPECIFICATION	
Machine	
<b>Machine Size</b>	Length: 11 mtr
	Width: 9 mtr
	Height: 5 mtr
<b>Minimum Shed Dimensions</b>	Height: 6 mtr
	Area: 3000 sq ft
<b>Cycle time</b>	Double layer: 25 mins
	Triple Layer: 30 mins
<b>Production per Cycle</b>	2000 ltr x 1 or 1000 ltr x 2 or 500 Ltr x 4
<b>Production per Day</b>	108,000 Ltr (24 hrs)
<b>Fuel Consumption:</b>	Diesel: 14 Ltr/ hr
	Gas: 11.8 kg/ hr
<b>Max. Temperature</b>	250°C
<b>Total Connected Load</b>	28 HP 3 Phase

TECHNICAL SPECIFICATIONS	
<b>Spindle</b>	3
<b>Arm type</b>	Straight + L-arm
<b>Spider Diameter</b>	1600 mm
<b>Max Weight on Arm</b>	St-500 Kg L-250 Kg
Furnace	
<b>Maximum Usage</b>	1,89,167 Kcal/hr
<b>Normal Usage</b>	131,000 Kcal/cycle
<b>Circulating blower CFM</b>	18000 CFM
<b>Max. Temperature</b>	250 °C
Electrical	
<b>Supply Voltage</b>	440V, 50 Hz 3 Phase & Neutral
<b>Major Axis Drive AC Motor</b>	3 HP
<b>Minor Axis Drive AC Motor</b>	2 HP
<b>Circular Blower</b>	7.5 HP

\*All values are for standard double layer tanks



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HEIGHT
	10.5 Mtr	9 Mtr	4.8 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	12 Mtr	11 Mtr	5.8 Mtr
TITLE :-			
VI-3-2000 Machine			
DRAWN		SIGN	DATE
JALNA-431203 (M.S)		J.S.M.	15-07-2009
E-MAIL:-vinodraieng@rediffmail.com		J.S.M.	15-07-2009
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12.Km Stone Jalna -Aurangabad Road,		VI-3-2000 PLYT	
Dowlwadi Village Dist Jalna			
		SCALE: 1:1	
		ALL DIMENSION IN MM	