

Machine Specification Sheet VI-4 2000



VI-4 2000

Overview:

VI-4 2000 is a bi-axial machine with traveling furnace. It has four arms with Capacity to mount one mould of 2000 liters on L Arm or two mould of 1000 liters on 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	
Machine Size	Length: 12.5 mtr
	Width: 11 mtr
	Height: 6 mtr
Minimum Shed Dimensions	Height: 7 mtr
	Area: 5000 sq ft
Cycle time	Double layer: 25 mins
	Triple Layer: 30 mins
Production per Cycle	2000 ltr x 1 or 1000 ltr x 2 or 500 Ltr x 4
Production per Day	108,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 14 Ltr/hr*
	Gas: 11.8 kg/hr*
Max. Temperature	250°C
Total Connected Load	33 HP 3 Phase

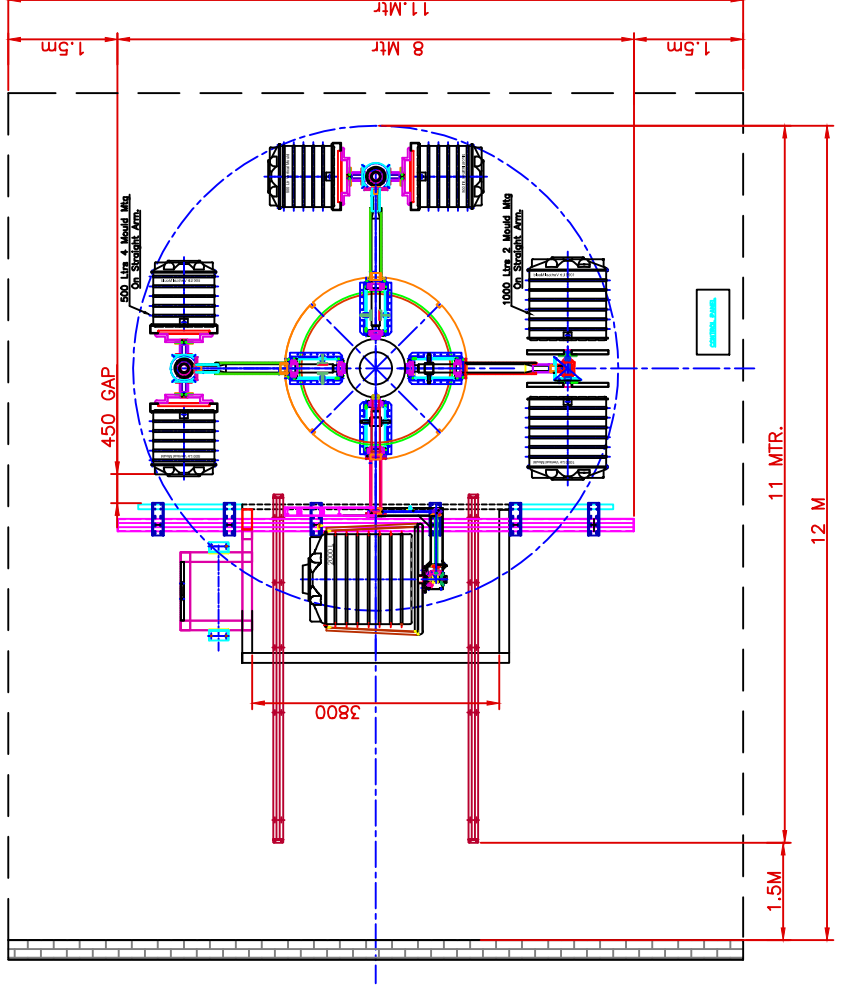
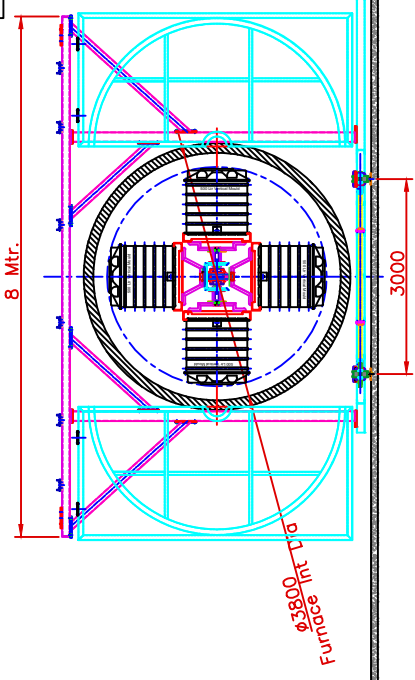
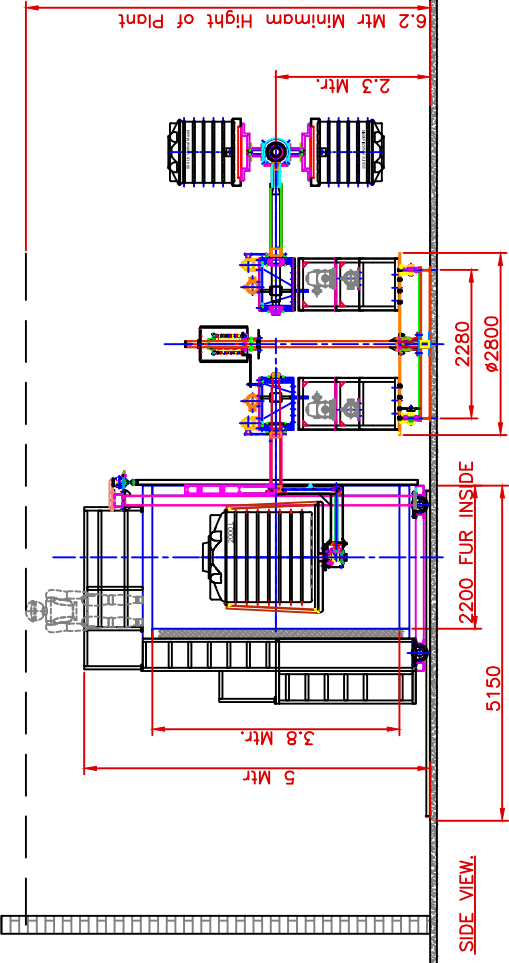
TECHNICAL SPECIFICATIONS	
Spindle	4
Arm type	Straight + L-arm
Spider Diameter	1600 mm
Max Weight on Arm	St-500 kg L-250 kg
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Normal Usage	131,000 Kcal/cycle
Circulating blower CFM	18,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Major Axis Drive AC Motor	3 HP
Minor Axis Drive AC Motor	2 HP
Circular Blower	7.5 HP

*All values are for standard double layer tanks

Vinodrai Engineers Pvt. Ltd,

12 Km Stone, Jalna-Aurangabad Road, Village Dawalwadi, Dist: Jalna,
 Jalna – 431203, Maharashtra (India), Phone: +91 2482 262000 Mobile: +91-9049113377
 E Mail: vinodraieng@gmail.com web: www.vinodrai.com

VI-4-2000



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	11 Mtr	8 Mtr	5 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	12.5 Mtr	11 Mtr	6 Mtr
TITLE :-			
VI-4-2000			
Plant Layout			
DWG NO :-			
VI-4-2000 PLYT			
DRAWN	J.S.M.	DATE	30.04.2010
CHKD	J.S.M.		30.04.2010
APPD			
Vinodrai Engineers Pvt. Ltd.			
12,Km Stone Jalna -Aurangabad Road			
Dawatwadi Village Dist Jalna			
JALNA-431203 (M.S)			
E-MAIL:-vinodraien@rediffmail.com			
Web:- www.vinodrai.com			
SCALE: 1:1		ALL DIMENSION IN MM	

PLAN VIEW.