



VI-4 2000x2

Overview:

VI-4-2000x2 is a bi-axial machine with travelling furnace. It has four straight arms with capacity to mount two moulds of 2000 Litrs or four moulds of 1000 Litrs on each straight arm.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 65 tanks of 2000 Ltr or 130 tanks of 1000 Ltr in 24 hrs
- 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.
- Mold Vertical Stop Arrangement System

SPECIFICATION

Machine	
Machine Size	Length: 14 mtr
	Width: 11.5 mtr
	Height: 6.2 mtr
Minimum Shed Dimensions	Height: 7.5 mtr
	Area: 5000 sq. ft.
Cycle time	Double layer: 30 mins
	Triple Layer: 35 mins
Production per Cycle	2000 Ltr x 2 or 1000 Ltr x 4 or 750 Ltr x 4 or 500 Ltr x 4
Production per Day	1,30,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 18 Ltr/hr*
	Gas: 16 Kg/hr*
Max. Temperature	250 °C
Total Connected Load	42 HP, 3 Phase, 50 Hz

TECHNICAL SPECIFICATIONS

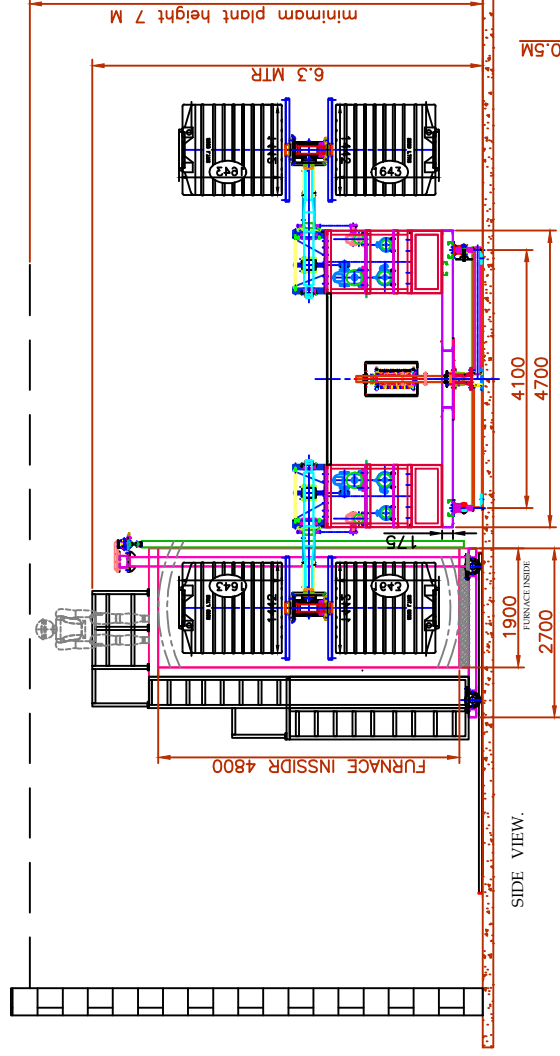
Spindle	4
Arm type	All Straight arms
Spider Diameter	1600 mm
Max Weight on Arm	St- 600kg
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	339,640 Kcal/hr
Normal Usage	150,000 Kcal/cycle
Circulating blower CFM	18,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	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

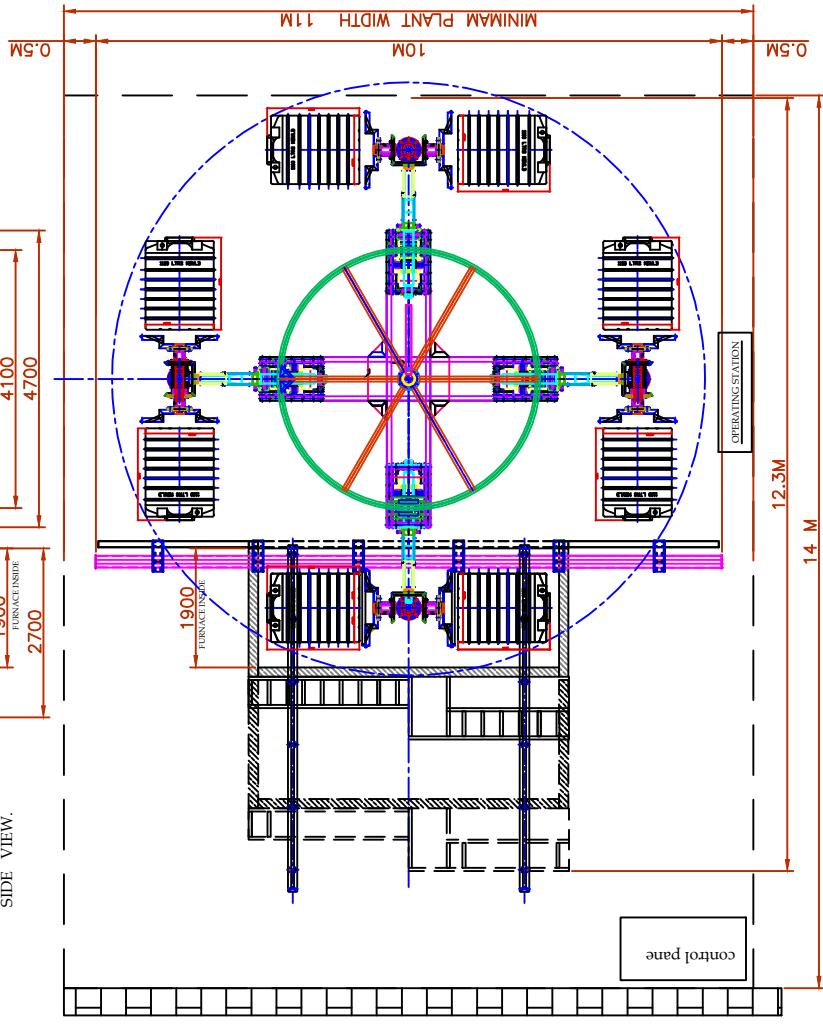
Vinodrai Engineers Pvt. Ltd,

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

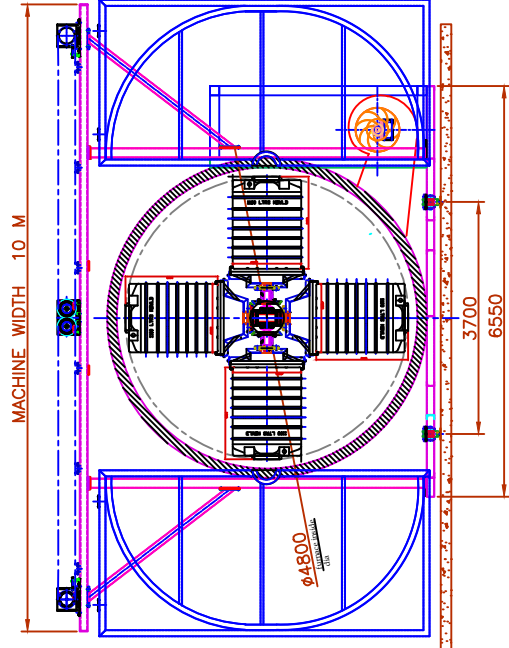
VI-4-2000X2



SIDE VIEW.



PLAN VIEW.



FRONT VIEW.

		LENGTH	WIDTH	HIGHT
MACHINE OVERALL SIZE IN METER		12.3 Mtr	10 Mtr	6.3 Mtr
MACHINE PLANT MINIMUM REQ SIZE IN METER		14 Mtr	11 Mtr	7 Mtr
TITLE :-				
VI-4-2000X2				
Plant Layout				
DWG NO :-				
VI-4-2000X2.PLT				
DATE				
14.02.14				
SIGN				
DRAWN				
CHKD				
APTD				
SCALE: 1:1				
ALL DIMENSION IN MM				