



VI-3-2000x2

Overview:

VI-3-2000x2 is a bi-axial machine with travelling furnace. It has three straight arms with Capacity to mount two moulds of 2000 Ltr or four moulds of 1000 Ltr 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

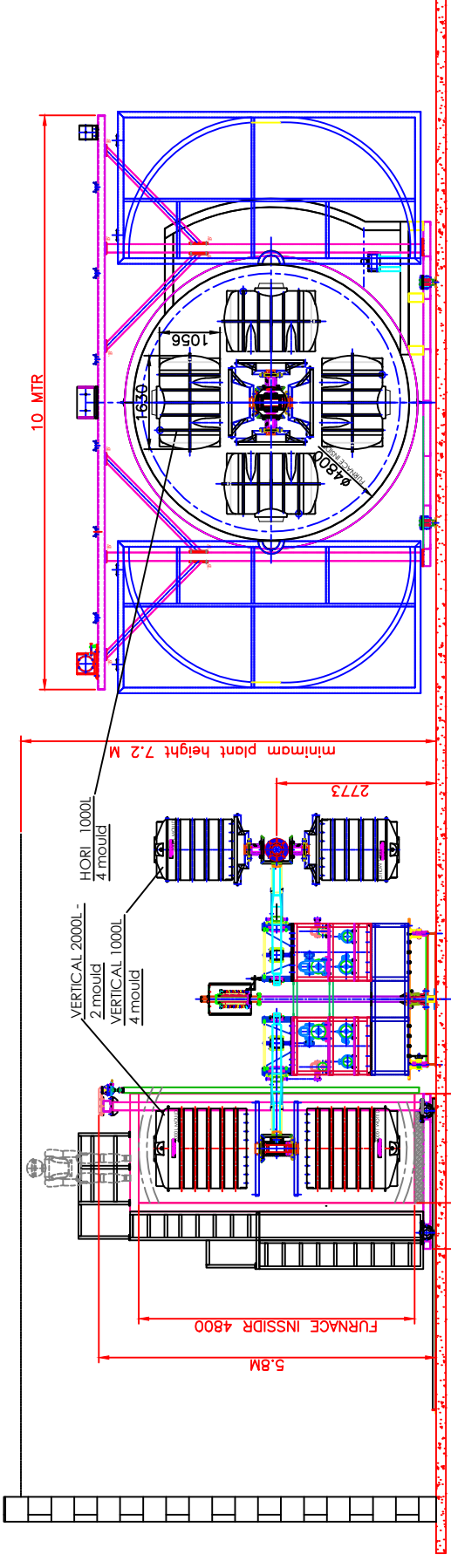
SPECIFICATION	
Machine	
Machine Size	Length: 13.5 mtr
	Width: 11.5 mtr
	Height: 5.8 mtr
Minimum Shed Dimensions	Height: 7 mtr
	Area: 3000 sq.ft.
Cycle time	Double layer: 30 mins
	Triple Layer: 35 mins
Production per Cycle	2000 Ltr x 2 or 1500 Ltr x 2 or 1000 Ltr x 4 or 750 Ltr x 4 or 500 Ltr x 6
Production 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	37 HP, 3-Phase, 50 Hz

TECHNICAL SPECIFICATIONS	
Straight-Arm	
Spindle	3
Arm type	All straight
Maximum weight on arm	St- 600 Kg
Spider Diameter	1600 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	339,640 Kcal/hr
Usage Normal	150,000 Kcal/cycle
Maximum Temperature	250 °C
Circulating blower CFM	18,000 CFM
Electrical	
Supply Voltage	440V, 50 Hz, 3 Phase & Neutral
Circulating blower HP	7.5 HP
Major Axis Drive AC Motor HP	3 HP
Minor Axis Drive AC Motor HP	2 HP

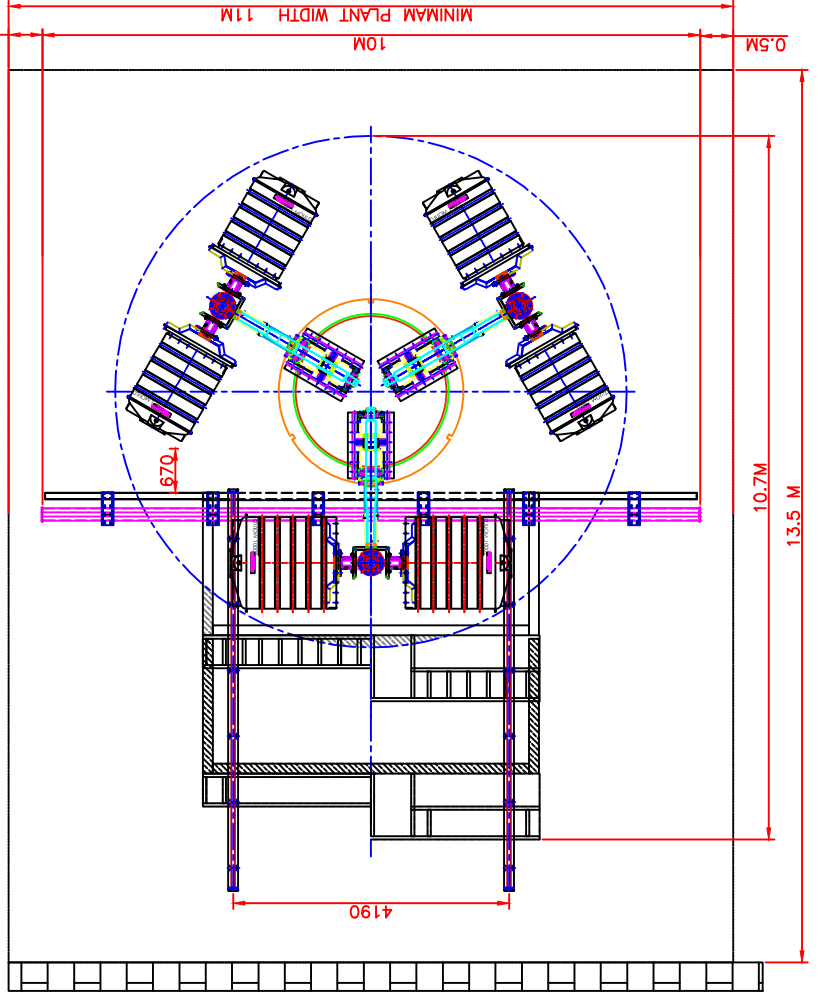
*All values are for standard double layer tanks

Vinodrai Engineers Pvt. Ltd,

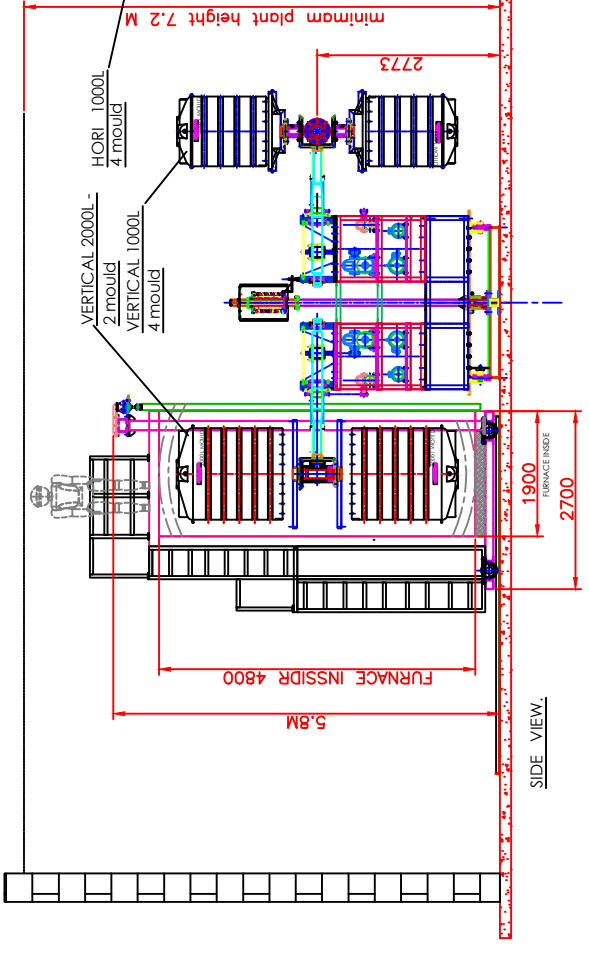
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FRONT VIEW



PLAN VIEW



SIDE VIEW

VI3-2000X2 THIS MACHINE SUITABLE FOR
 VERTICAL 2000L - 2 NOS
 VERTICAL 1000L - 4 NOS
 HORI 1000L - 4 NOS

MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	10.7 Mtr	10 Mtr	5.7 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	13.5 Mtr	11.0 Mtr	7.2 Mtr

TITLE :-			
VI-3-2000X2			
Plant Layout			
SIGN		DATE	DWG NO :-
DRAWN		01.11.14	VI-3-2000X2 PLYT
CHKD			SCALE: 1:1
APPD			ALL DIMENSION IN MM

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