



VI-3-1000x2

Overview:

VI-3-1000 x 2 is a bi-axial machine with travelling furnace. It has three straight arms with Capacity to mount two moulds of 1000 Ltr or four mould of 500 Ltr on each straight arm.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 96 tanks of 1000 Ltr or 192 tanks of 500 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 molding 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

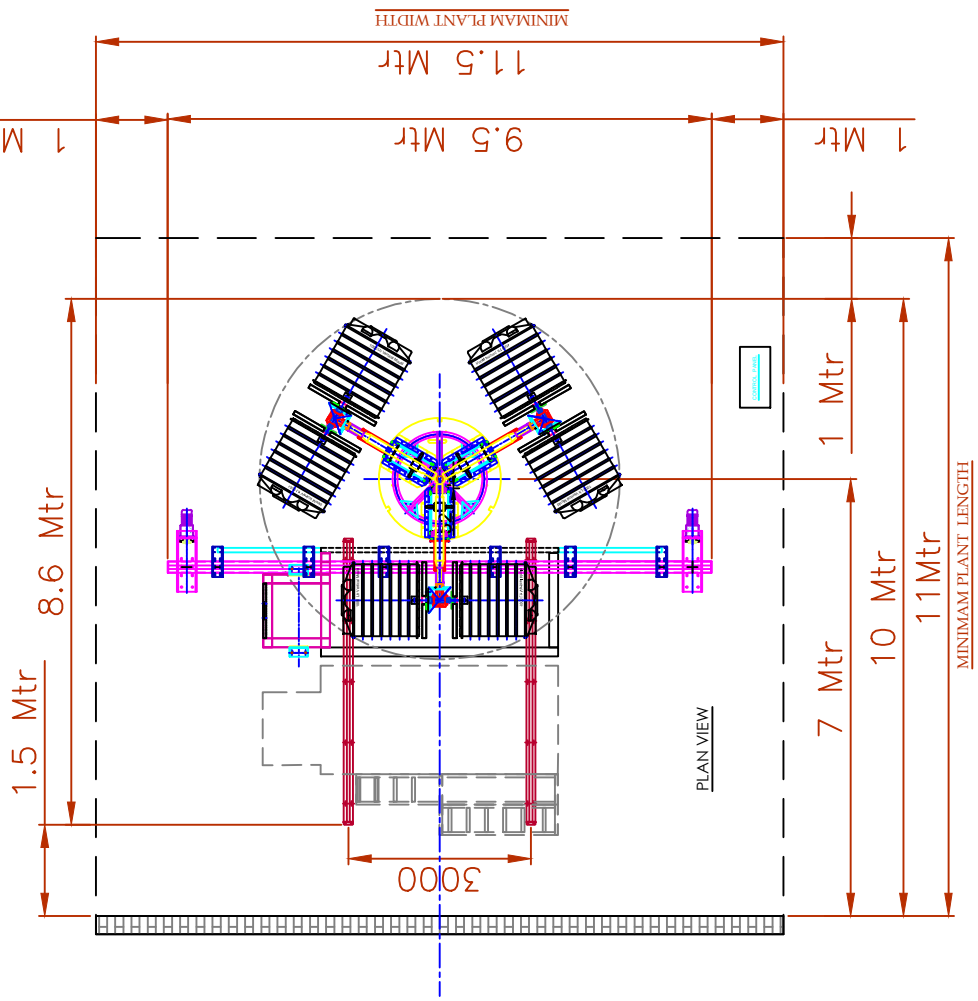
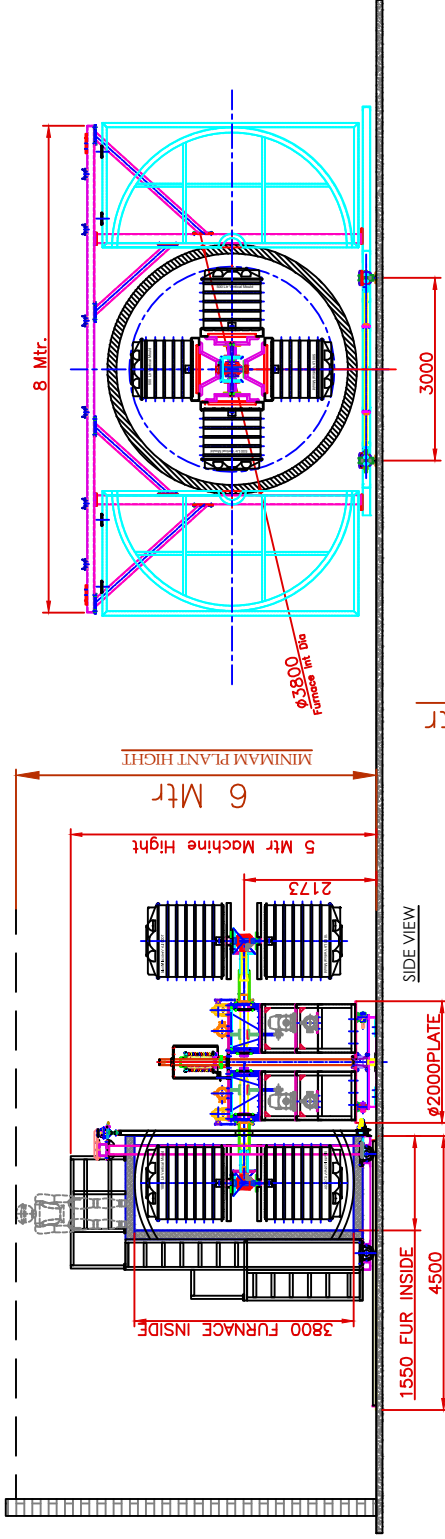
SPECIFICATION

Machine	
Machine Size	Length: 11 mtr
	Width: 11.5 mtr
	Height: 6 mtr
Minimum Shed Dimensions	Height: 6.5 mtr
	Area: 3000 sq. ft.
Cycle time	Double layer: 25 mins
	Triple Layer: 30 mins
Production per Cycle	1000 Ltr x 2 or 750 Ltr x 2 or 500 Ltr x 4 or 300 Ltr x 4
Production per Day	96,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 14 Ltr/hr*
	Gas: 10.7 Kg/hr*
Max. Temperature	250 °c
Total Connected Load	24 HP, 3 Phase, 50 Hz

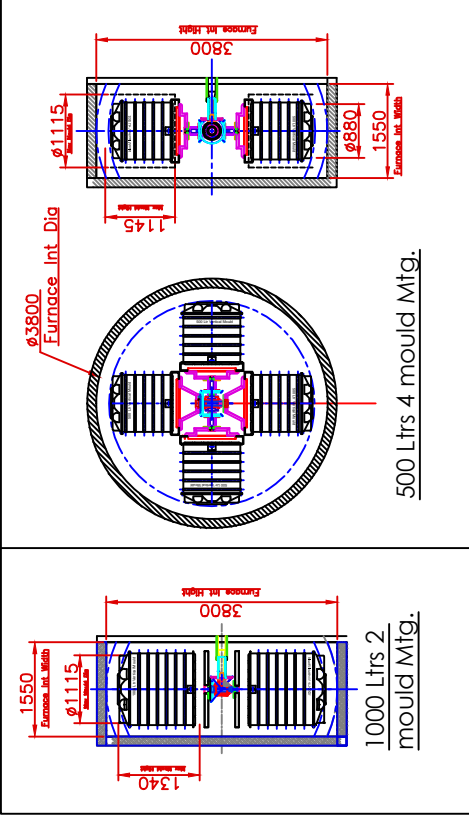
TECHNICAL SPECIFICATIONS

Straight-Arm	
Spindle	3
Arm type	All straight
Maximum weight on arm	400 Kg
Spider Diameter	1250 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Usage Normal	49,420 Kcal/cycle
Maximum Temperature	250 °c
Circulating blower CFM	12,000 CFM
Electrical	
Supply Voltage	440V, 50 Hz, 3 Phase & Neutral
Circulating blower HP	5 HP
Major Axis Drive AC Motor HP	2 HP
Minor Axis Drive AC Motor HP	1 HP

*All values are for standard double layer tanks



FRONT VIEW



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	8.6 Mtr	9.5 Mtr	5 Mtr
	11 Mtr	11.5 Mtr	6 Mtr

TITLE :-
VI-3-1000X2
Plant Layout

Vinodrai Engineers Pvt. Ltd.
12.Km Stone Jaina -Aurangabad Road
Dawalwadi Village Dist Jaina
JALNA-431203 (M.S)
E-MAIL:-vinodraieing@rediffmail.com
Web:- www.vinodrai.com

DRAWN
CHKD
APPD

SIGN
DATE
10.09.15

DWG NO :-
VI-3-1000X2 PLYT

SCALE: 1:1
ALL DIMENSION IN MM