



VI-3-1000

Overview:

VI-3-1000 is a bi-axial machine with traveling furnace. It has three straight arms with Capacity to mount one mould of 1000 liters on L Arm or two mould of 500 liters on each straight arm.

Features:

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 72 tanks of 1000 Ltr or 144 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.

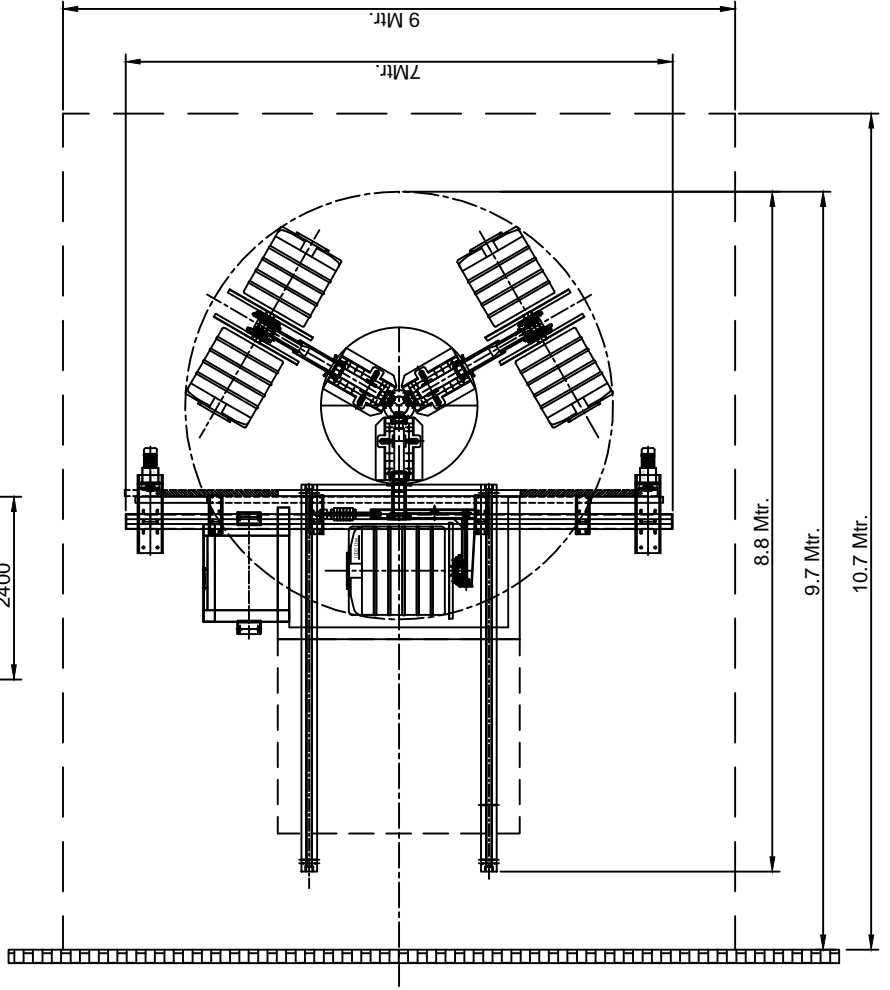
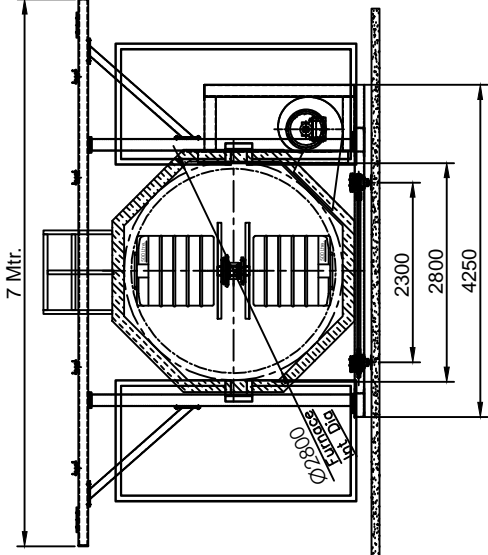
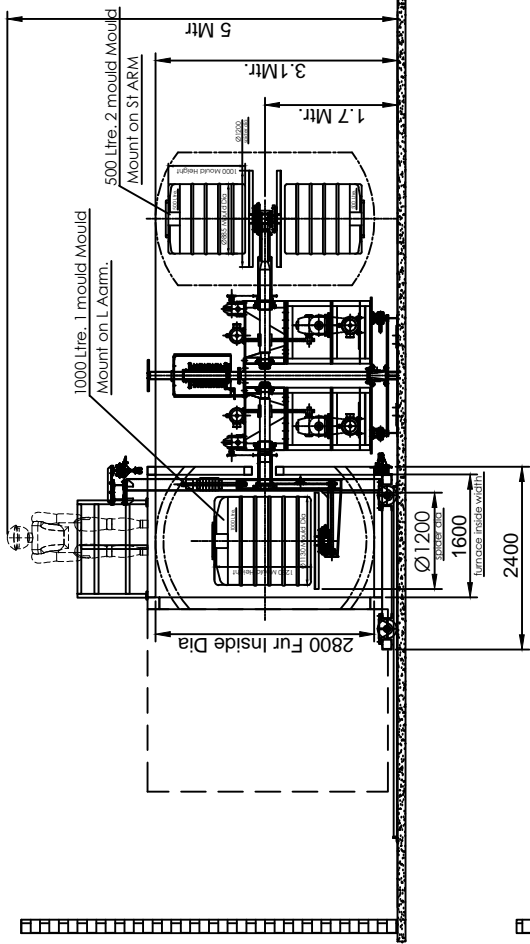
SPECIFICATION	
Machine	
Machine Size	Length: 10.7 mtr
	Width: 9 mtr
	Height: 5 mtr
Minimum Shed Dimensions	Height: 6 mtr
	Area: 3000 sq ft
Cycle time	Double layer: 25 mins
	Triple Layer: 30 mins
Production per Cycle	1000 ltr x 1 or 500 ltr x 2
Production per Day	72,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 10 Ltr/ hr*
	Gas: 8.4 kg/ hr
Max. Temperature	250°C
Total Connected Load	16 HP 3 Phase

TECHNICAL SPECIFICATIONS	
Spindle	3
Arm type	Straight + L-arm
Spider Diameter	1200 mm
Max Weight on Arm	400kg
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Normal Usage	70,000 Kcal/cycle
Circulating blower CFM	12,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Major Axis Drive AC Motor	2 HP
Minor Axis Drive AC Motor	1 HP
Circular Blower	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



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	8.8 Mtr	7 Mtr	5 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	10.7 Mtr	9 Mtr	6Mtr

TITLE :-
 VI-3-1000(500x2)
 Plant Layout

Vinodrai Engineers Pvt. Ltd. 12.Km Stone Jalna -Aurangabad Road, Dawalwad Village Dist Jalna JALNA-431203 (M.S) E-MAIL:-vinodraieng@rediffmail.com Web:- www.vinodrai.com		SIGN	DATE	DWG NO :-
DRAWN	J.S.M.	J.S.M.	07.10.09	VI-3-1000 (500x2)PLYT
CHKD	J.S.M.	J.S.M.	07.10.09	SCALE: 1:1
APPD				ALL DIMENSION IN MM