



VI-3-3000

Overview:

VI-3-3000 is a bi-axial machine with traveling furnace. It has three straight arms with Capacity to mount one mould of 3000 liters on L Arm or two mould of 1500 liters on each straight arm.

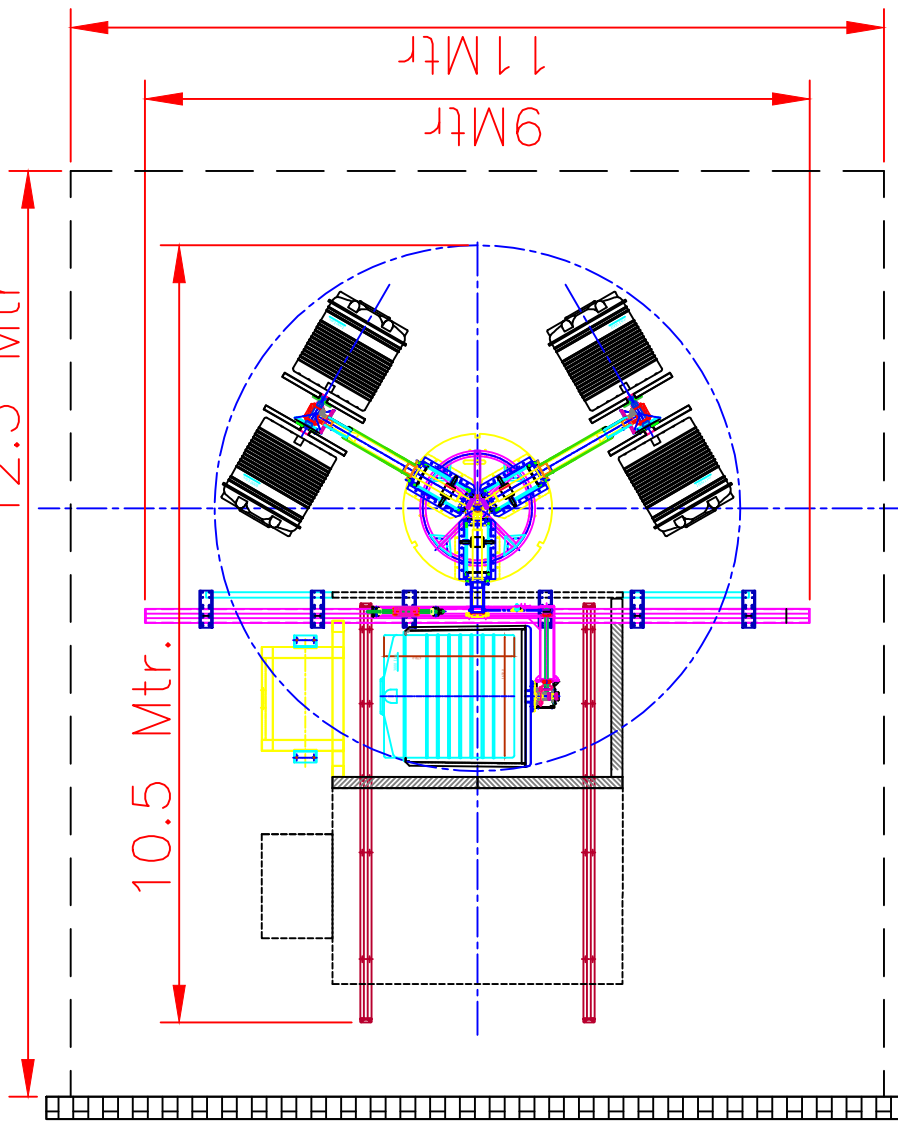
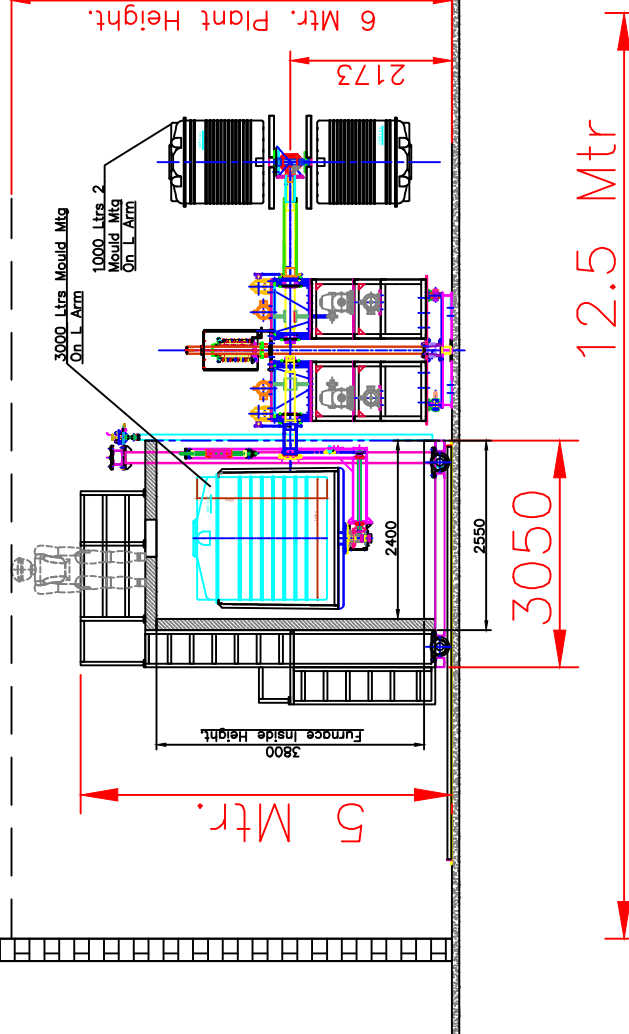
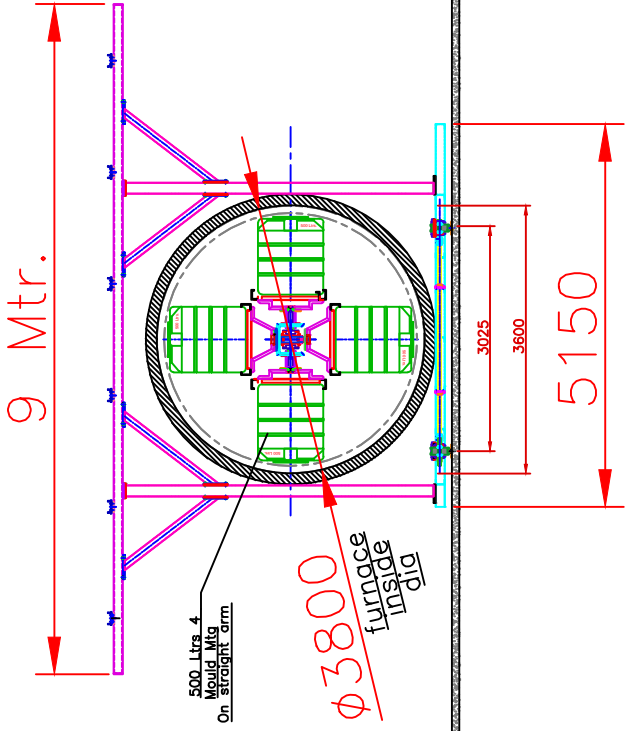
Features:

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 30 tanks of 3000 Ltr or 60 tanks of 1500 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: 6 mtr
	Area: 3000 sq ft
Cycle time	Double layer: 30 mins
	Triple Layer: 35 mins
Production per Cycle	3000 ltr x 1 or 1500 ltr x 2
Production per Day	90,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 16 Ltr/ hr*
	Gas: 13.6 kg/ hr
Max. Temperature	250°C
Total Connected Load	28 HP 3 Phase

TECHNICAL SPECIFICATIONS	
Spindle	3
Arm type	Straight + L-arm
Spider Diameter	1600 mm
Max Weight on Arm	St-500kg L-300kg
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



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	10.5 Mtr	9 Mtr	5 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	12.5 Mtr	11 Mtr	6 Mtr
TITLE :-			
VI-3-3000 Machine			
DRAWN		SIGN	DATE
CHKD			05.05.12
APPD			
Vinodrai Engineers Pvt. Ltd. 12.Km Stone Jalna -Aurangabad Road Dawalwadi Village Dist Jalna JALNA-431203 (M.S) E-MAIL:-vinodraientg@rediffmail.com Web:- www.vinodrai.com			DWG NO :- VI-3-3000 PLYI
			SCALE: 1:1
			ALL DIMENSION IN MM