

# Machine Specification Sheet VI-3-10000



**VI-3-10000**

## Overview:

VI-3 10000 is a bi-axial machine with traveling furnace. It has three Straight+ L-Arm with Capacity to mount one mold of 10000 liters on L Arm or two moulds of 5000 liters or four mould of 2500 liters on each straight arm.

## Features:

- Heavy-Duty Straight+ L-Arm ensuring the reliability.
- Makes 24 tanks of 10000 Ltr and 48 tanks of 5000 Ltr and 96 tanks of 2000 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.

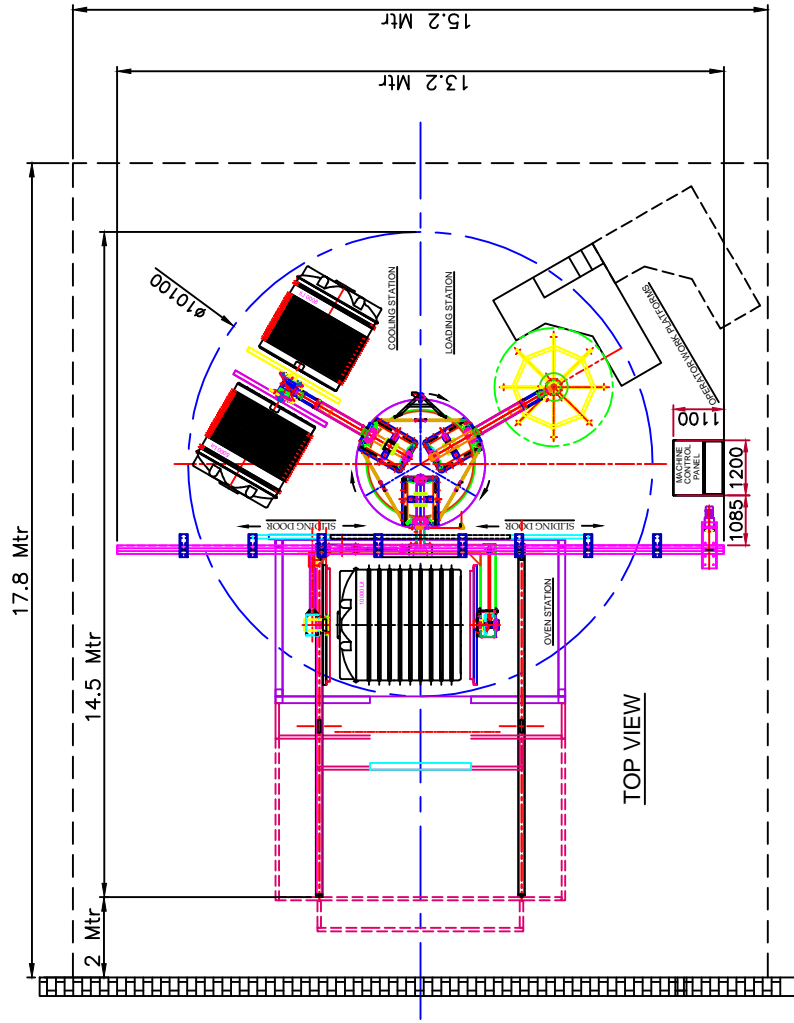
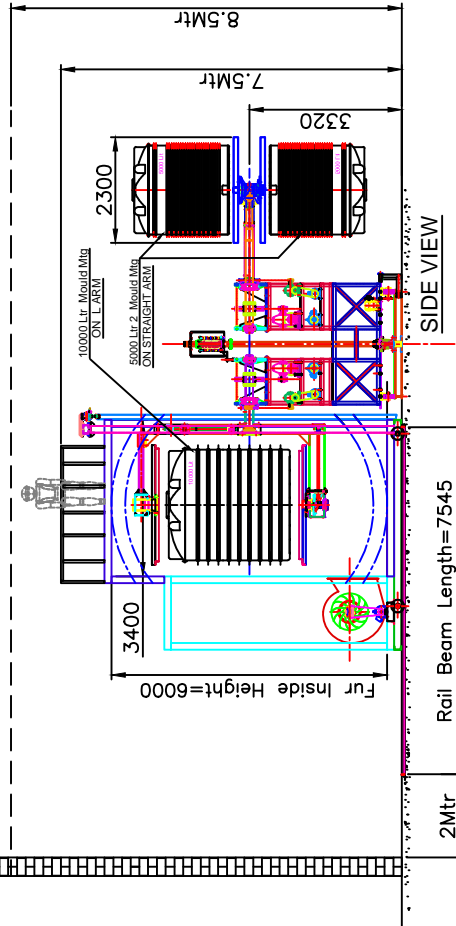
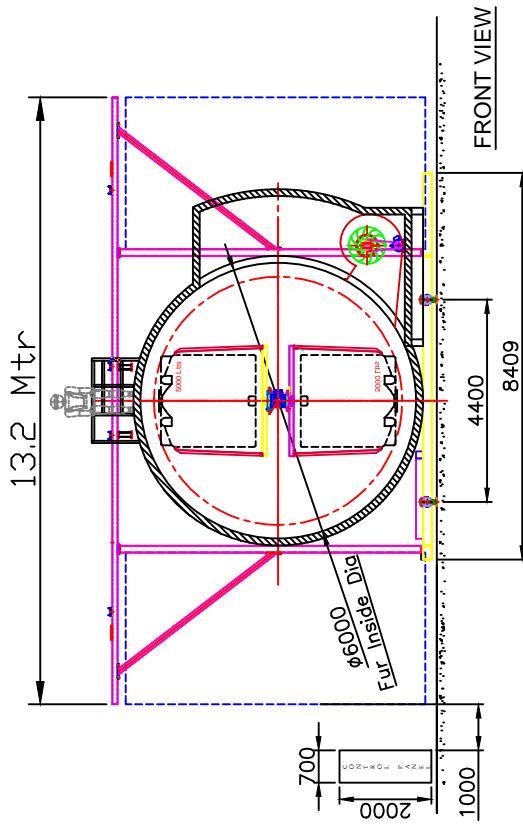
SPECIFICATION	
Machine	
<b>Machine Size</b>	Length: 14.5 mtr
	Width: 13.5 mtr
	Height: 7.5 mtr
<b>Minimum Shed Dimensions</b>	Height: 8.5 mtr
	Area: 3000 sq ft
<b>Cycle time</b>	Double layer: 60 Mins
	Triple Layer: 75 Mins
<b>Production per Cycle</b>	10000 ltr x 1, 5000 ltr x 2 or 2500 ltr x 4
<b>Production per Day</b>	2,40,000 Ltr (24 Hrs)
<b>Fuel Consumption:</b>	Diesel: 28 Ltr/hr
	Gas: 24 kg/hr
<b>Max. Temperature</b>	250°C
<b>Total Connected Load</b>	41 HP 3 Phase

TECHNICAL SPECIFICATIONS	
Straight-Arm + L arm	
<b>Spindle</b>	3
<b>Arm type</b>	Straight + L arm
<b>Maximum weight on arm</b>	St- 1100 Kg L- 750 Kg
<b>Spider Diameter</b>	2400 mm
<b>Major Axis Speed Range</b>	0-4 RPM
<b>Minor Axis Speed Range</b>	0-6 RPM
Furnace	
<b>Maximum Usage</b>	713,675 Kcal/hr
<b>Usage Normal</b>	356,000 Kcal/cycle
<b>Maximum Temperature</b>	250 °C
<b>Circulating blower CFM</b>	24,000 CFM
Electrical	
<b>Supply Voltage</b>	440V, 50 Hz, 3 Phase & Neutral
<b>Circulating blower HP</b>	10 HP
<b>Major Axis Drive AC Motor HP</b>	5 HP
<b>Minor Axis Drive AC Motor HP</b>	3 HP

\*All values are for standard double layer tanks

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MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	14.5 Mtr	13.2 Mtr	7.5 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	17.8 Mtr	15.2 Mtr	8.5 Mtr

TITLE :-  
 VI-3-10000  
 Plant Layout

POWER:- 125\_Amp.Main Switch  
 Incoming Cable 4 Core 25\_Sq.mm Aluminium Armad+Earthing  
 Total Load :- 45 HP

Vinodrai Engineers Pvt. Ltd.		DWG NO :-	
12.Km Stone Jaina -Aurangabad Road,	DRAWN	SIGN	DATE
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			ALL DIMENSION IN MM