



**CS 5000**

## Overview:

CS-5000 is Clamshell type Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 3000 Ltr to 5000 Ltr capacity. It is very economical to use.

## Features:

- Heavy-Duty U-Arm ensuring the reliability.
- Makes 16 tanks of 5000 Ltr in 24hrs.
- 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.
- Compact Design thus has a small footprint.
- Only two 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

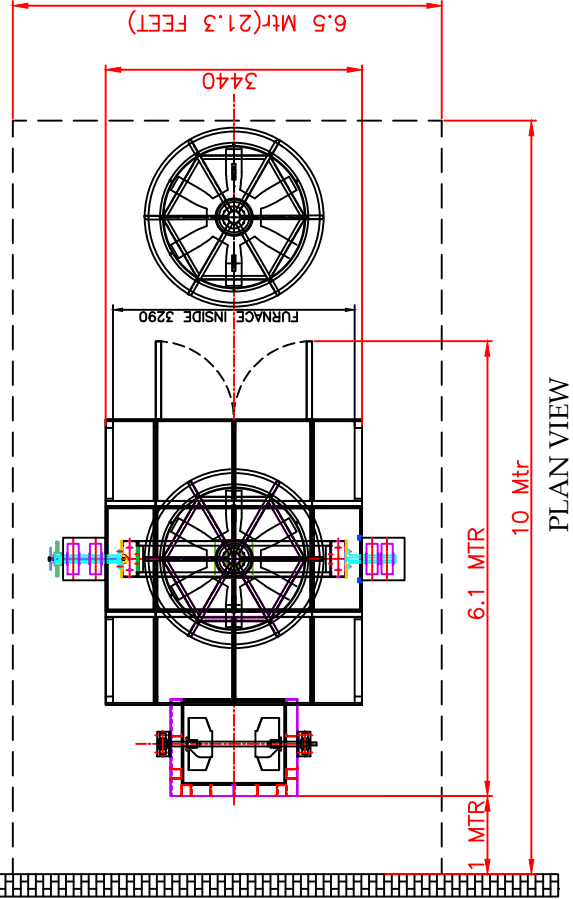
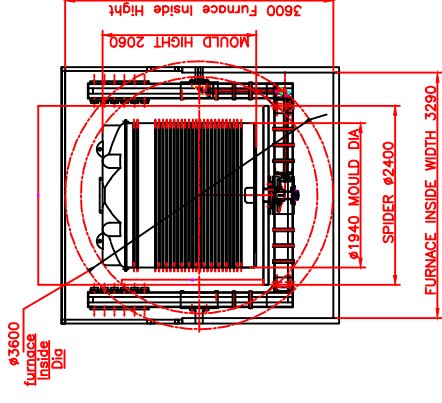
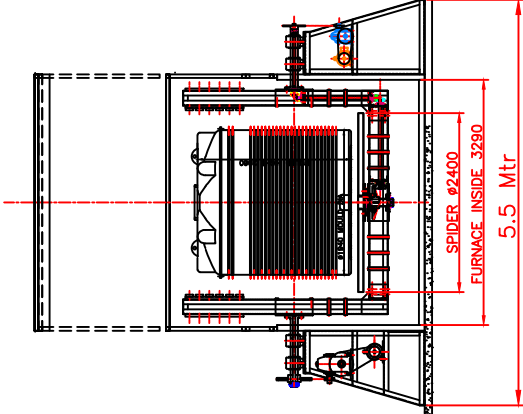
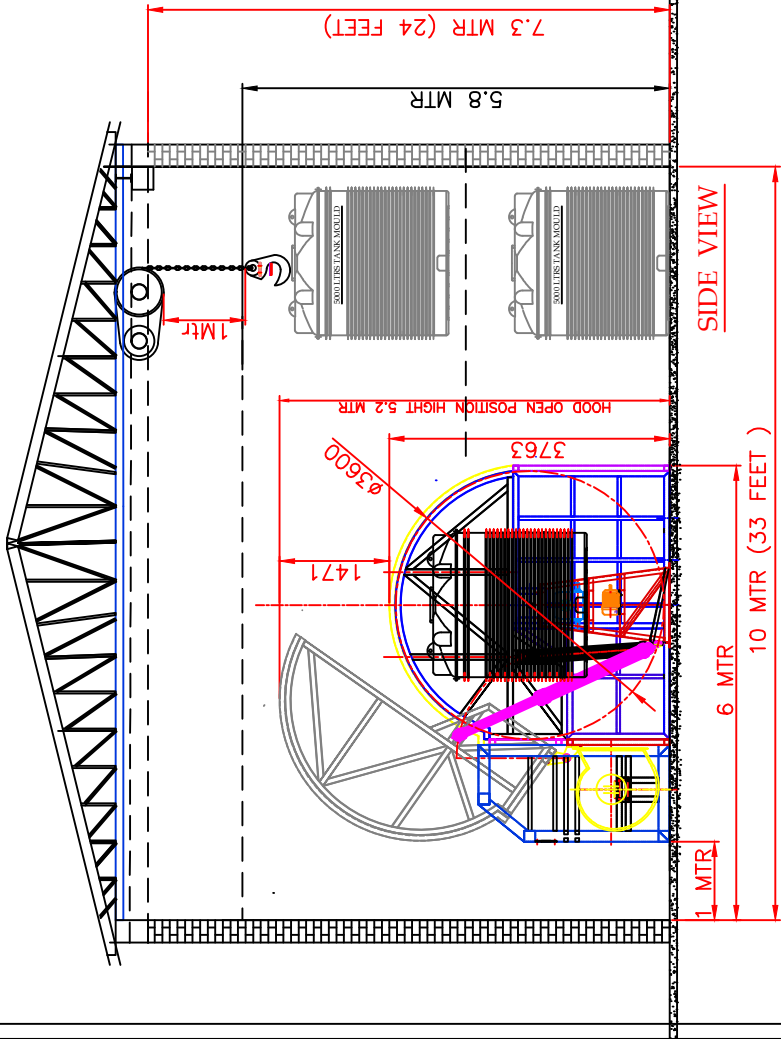
SPECIFICATION	
Machine	
<b>Machine Size</b>	Length: 8.5 mtr
	Width: 6.5 mtr
	Height: 6.0 mtr
<b>Minimum Shed Dimensions</b>	Height: 7.3 mtr
	Area: 2000 sq. ft.
<b>Cycle time</b>	Double layer: 90 mins
	Triple Layer: 100 mins
<b>Production per Cycle</b>	5000 Ltr x 1 or 3000 Ltr x 1
<b>Production per Day</b>	80,000 Ltr (24 hrs.)*
<b>Fuel Consumption:</b>	Diesel: 11 Ltr/cycle*
	Gas: 9.3 Kg/cycle*
<b>Max. Temperature</b>	250 °c
<b>Total Connected Load</b>	16 HP, 3 Phase, 50 Hz

TECHNICAL SPECIFICATIONS	
Straight-Arm	
<b>Maximum weight on arm</b>	800 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>	1,89,167 Kcal /hr
<b>Usage Normal</b>	98,842 Kcal /cycle
<b>Maximum Temperature</b>	250 °c
<b>Circulating blower CFM</b>	11,500 CFM
Electrical	
<b>Supply Voltage</b>	440V, 50 Hz 3 Phase & Neutral
<b>Circulating blower HP</b>	5 HP
<b>Major Axis Drive AC Motor HP</b>	3 HP
<b>Minor Axis Drive AC Motor HP</b>	2 HP
<b>Burner HP</b>	1 HP
<b>Hydraulic Motor</b>	5 HP

\*All values are for standard double layer tanks

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MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	6.1 Mtr	5.5 Mtr	5.8 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	10.0 Mtr	6.5 Mtr	7.3 Mtr
REMARK :-	TITLE :-		
QTY :-	PLANT LAYOUT		
R/M Size :-	CS5000 MACHINE		
R/M Wet :-	HYDRALIC SYSTEM.		
	SIGN	DATE	DWG NO :-
	DRAWN	20.06.2015	CS5000-PLYT
	CHKD		
	APPD		
Vinodrai Engineers Pvt. Ltd. 12.Km Stone Jalna -Aurangabad Road, Dawalwadi Village Dist Jalna JALNA-431203 (M.S) E-MAIL:-vinodraing@rediffmail.com Web:- www.vinodrai.com			
		SCALE: 1:1	
		ALL DIMENSION IN MM	