



**CS-10,000**

## Overview:

CS-10000 is Clamshell type Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 5000 Ltr to 10000 Ltr capacities. It is very economical to use.

## Features:

- Heavy-Duty U-Arm ensuring the reliability.
- Makes 12 tanks of 10000 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

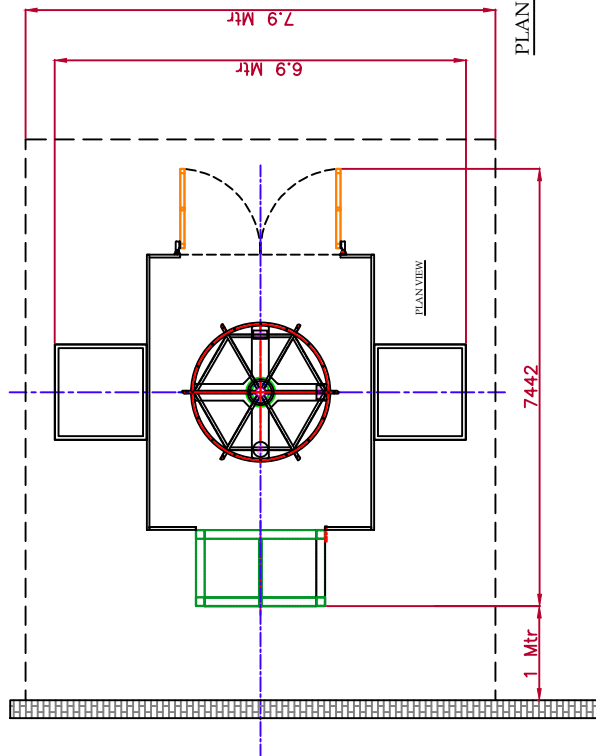
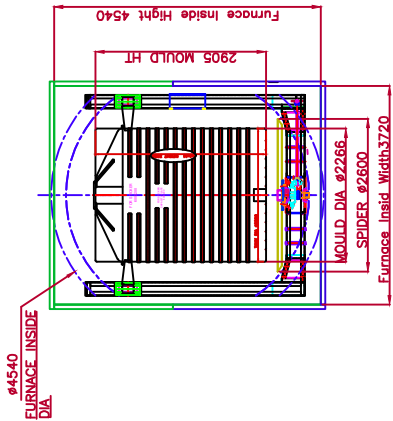
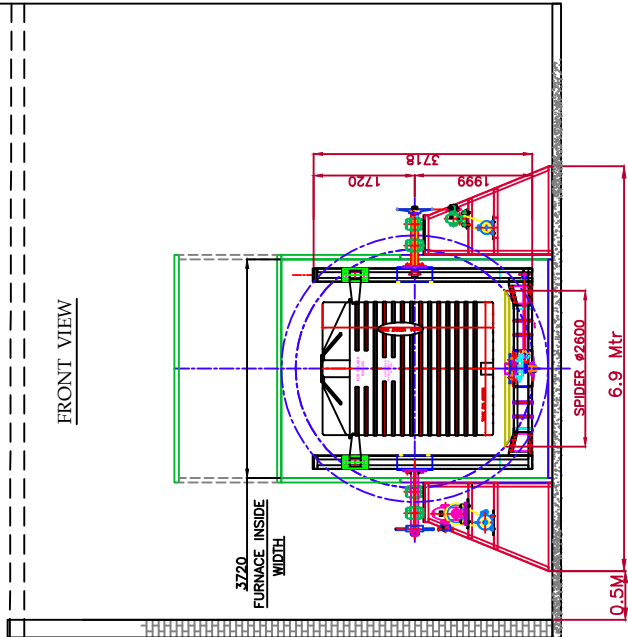
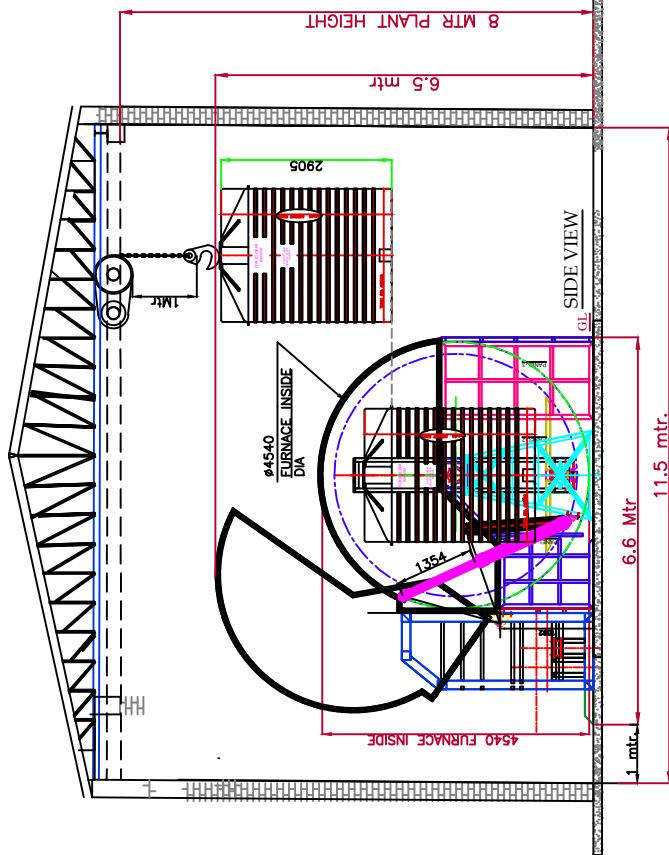
| SPECIFICATION                  |                                  |
|--------------------------------|----------------------------------|
| Machine                        |                                  |
| <b>Machine Size</b>            | Length: 11.5 mtr                 |
|                                | Width: 8 mtr                     |
|                                | Height: 8 mtr                    |
| <b>Minimum Shed Dimensions</b> | Height: 10 mtr                   |
|                                | Area: 2000 sq. Ft.               |
| <b>Cycle time</b>              | Double layer: 120 Min            |
|                                | Triple Layer: 140 Min            |
| <b>Production per Cycle</b>    | 10000 Ltr x 1 or<br>5000 Ltr x 1 |
| <b>Production per Day</b>      | 1,20,000 Ltr (24 hrs.)*          |
| <b>Fuel Consumption:</b>       | Diesel: 30 Ltr/cycle*            |
|                                | Gas: 23 kg/cycle*                |
| <b>Max. Temperature</b>        | 250 °c                           |
| <b>Total Connected Load</b>    | 24 HP, 3 Phase, 50 Hz            |

| TECHNICAL SPECIFICATIONS            |                               |
|-------------------------------------|-------------------------------|
| Straight-Arm                        |                               |
| <b>Maximum weight on arm</b>        | 1000 Kg                       |
| <b>Spider Diameter</b>              | 2600 mm                       |
| <b>Major Axis Speed Range</b>       | 0-4 RPM                       |
| <b>Minor Axis Speed Range</b>       | 0-6 RPM                       |
| Furnace                             |                               |
| <b>Maximum Usage</b>                | 3,06,106 Kcal/hr              |
| <b>Usage Normal</b>                 | 2,69,568 Kcal/cycle           |
| <b>Maximum Temperature</b>          | 250 °c                        |
| <b>Circulating blower CFM</b>       | 20,600 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                          |
| <b>Burner HP</b>                    | 1 HP                          |
| <b>Hydraulic Motor HP</b>           | 5 HP                          |

\*All values are for standard double layer tanks

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**FRONT VIEW**

| MACHINE OVERALL SIZE IN METER   | LENGTH   | WIDTH                 | HIGHT                      |
|---|----------|-----------------------|----------------------------|
|   | 8 Mtr    | 6.9 Mtr               | 6.5 Mtr                    |
| MACHINE PLANT MINIMUM REQUIRED SIZE IN METER  | 11.5 Mtr | 7.9 Mtr               | 8 Mtr                      |
| <b>CUSTOMER :- REMBO</b><br><b>QTY :-</b><br><b>R/M Size :-</b><br><b>R/M Wet :-</b>  |          |                       |                            |
| <b>TITLE :-</b><br>LAYOUT OF<br>CS 10000 LTRS<br>HYDRALIC SYSTEM.   |          |                       |                            |
| Vinodrai Engineers Pvt. Ltd.<br>12.Km Stone Jalna -Aurangabad Road,<br>Dawalwadi Village Dist jalna<br>JALNA-431203 (M.S)<br>E-MAIL:-vinodraieng@rediffmail.com<br>Web:- www.vinodrai.com |          | <b>SIGN</b><br>J.S.M. | <b>DATE</b><br>14.02.16    |
| <b>DRAWN</b>  | CHKD     | APPD                  | <b>SCALE: 1:1</b><br>      |
| <b>DWG NO :-</b>  |          |                       | <b>ALL DIMENSION IN MM</b> |
| CS10000 LYAT  |          |                       |                            |
| 18.07.18  |          |                       |                            |