

Machine Specification Sheet CS-30000



CS-30000

Overview:

CS-30000 is Clamshell type Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 10000ltr to 30000ltr capacity. It is very economical to use.

Features:

- Heavy-Duty U-Arm ensuring the reliability.
- Makes 6 tanks of 30000 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.

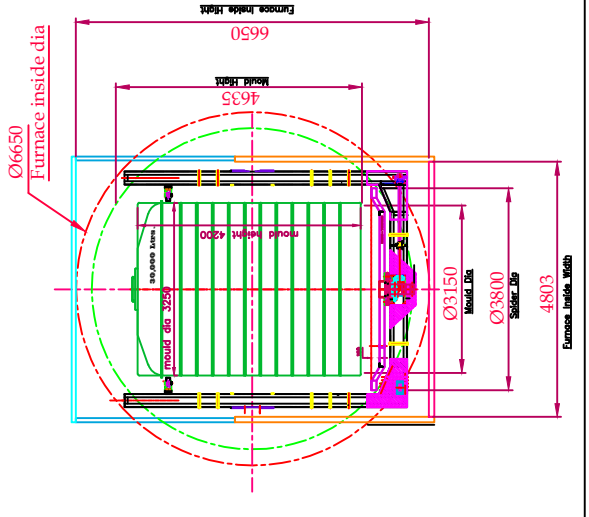
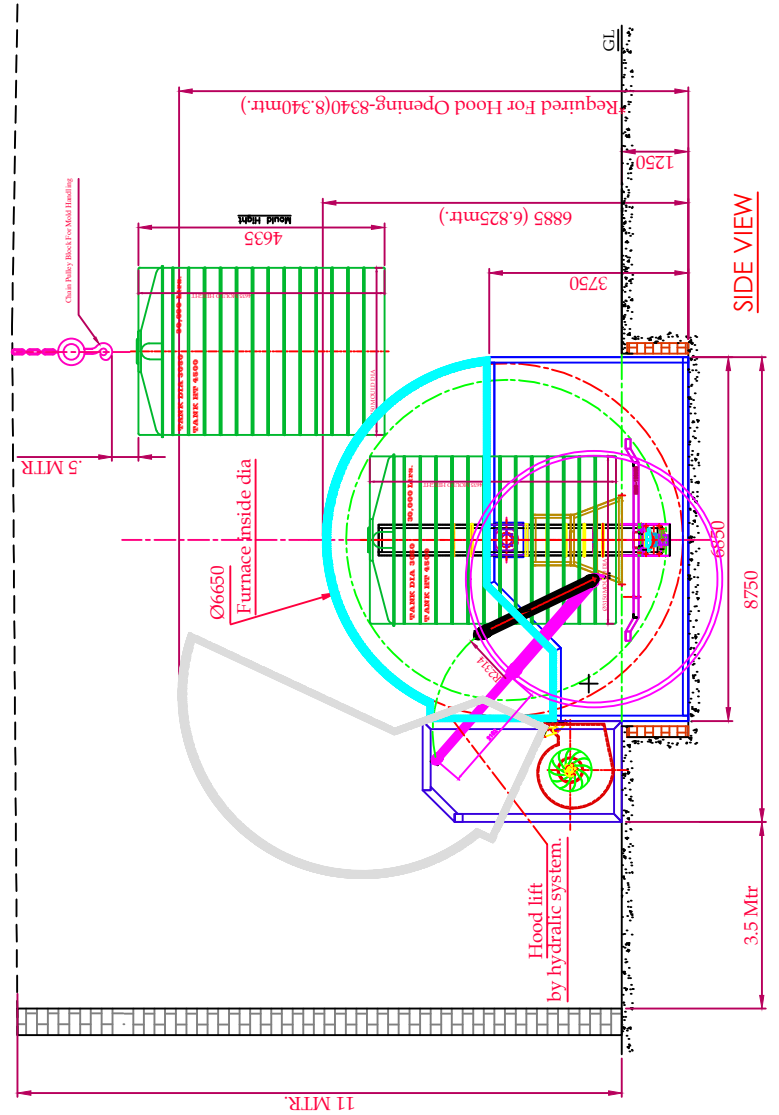
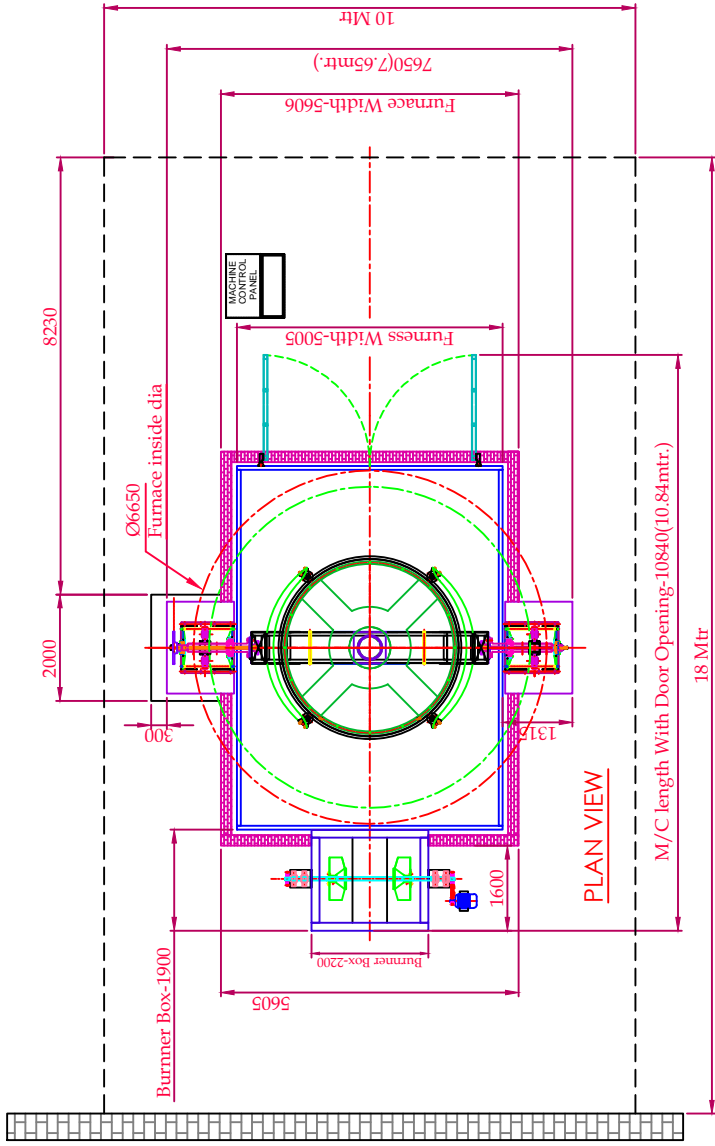
SPECIFICATION	
Machine	
Machine Size	Length: 18 mtr
	Width: 9.5 mtr
	Height: 10.5 mtr
Minimum Shed Dimensions	Height: 13 mtr
	Ares: 5000 Sq. Ft.
Cycle time	Double Layer: 240 mins
	Triple Layer: 270 mins
Production per Cycle	30000 ltr x1
Production per Day	180,000 Ltr (24 hrs.)*
Fuel Consumption:	Diesel: 40 Ltr/cycle*
	Gas: 31 kg/cycle*
Max. Temperature	250° C
Total Connected Load	28 HP 3 Phase

TECHNICAL SPECIFICATIONS	
Straight-Arm	
Maximum weight on arm	2500 Kg
Spider Diameter	3800 mm
Major Axis Speed Range	0-4 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	713,675 CFM
Usage Normal	359,424 CFM
Maximum Temperature	250° C
Circulating blower CFM	49,000 CFM
Electrical	
Supply Voltage	415V, 50 Hz 3 Phase & Neutral
Circulating blower HP	10HP
Major Axis Drive AC Motor HP	7.5HP
Minor Axis Drive AC Motor HP	3HP
Burner HP	1 HP
Hydraulic Motor HP	6.5 HP

*All values are for standard double layer tanks

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MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	10.9 Mtr	7.7 Mtr	6.9 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	18 Mtr	11 Mtr	11 Mtr
REMARK :-	TITLE :-		
QTY :-	PLANT LAYOUT FOR		
R/M Size :-	CS-30,000 Ltrs.MACHINE		
R/M Wet :-			
DRAWN	SIGN	DATE	DWG NO :-
CHKD		05.01.18	CS-30,000-PLYT-CLISH
APPD			SCALE: 1:1
VinoDratri Engineers Pvt. Ltd.		ALL DIMENSION IN MM	
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