



CS-20000

Overview:

CS-20000 is Clamshell type Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 5000ltr to 20000ltr capacity. It is very economical to use.

Features:

- Heavy-Duty U-Arm ensuring the reliability.
- Makes 8 tanks of 20000 Ltr in 24hrs.
- Capable of making Multi-layer Tanks.
- Very suitable to make good quality foam tank.
- Suitable for all roto 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: 16 mtr
	Width: 9.5 mtr
	Height: 8.5 mtr
Minimum Shed Dimensions	Height: 10 mtr
	Area: 5000 Sq. Ft.
Cycle time	Double layer: 180 mins
	Triple Layer: 200 mins
Production per Cycle	20000 ltr x1 or 15000 ltr x1
Production per Day	160,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 35 Ltr/cycle*
	Gas: 26.6 kg/cycle*
Max. Temperature	250° C
Total Connected Load	26 HP 3 Phase 50HZ

TECHNICAL SPECIFICATIONS	
Straight-Arm	
Maximum weight on arm	1700 Kg
Spider Diameter	3400 mm
Major Axis Speed Range	0-4 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	509,891 Kcal/hr
Usage Normal	314,468 Kcal/cycle
Maximum Temperature	250 °C
Circulating blower CFM	42,300 CFM
Electrical	
Supply Voltage	440V, 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	4.5 HP

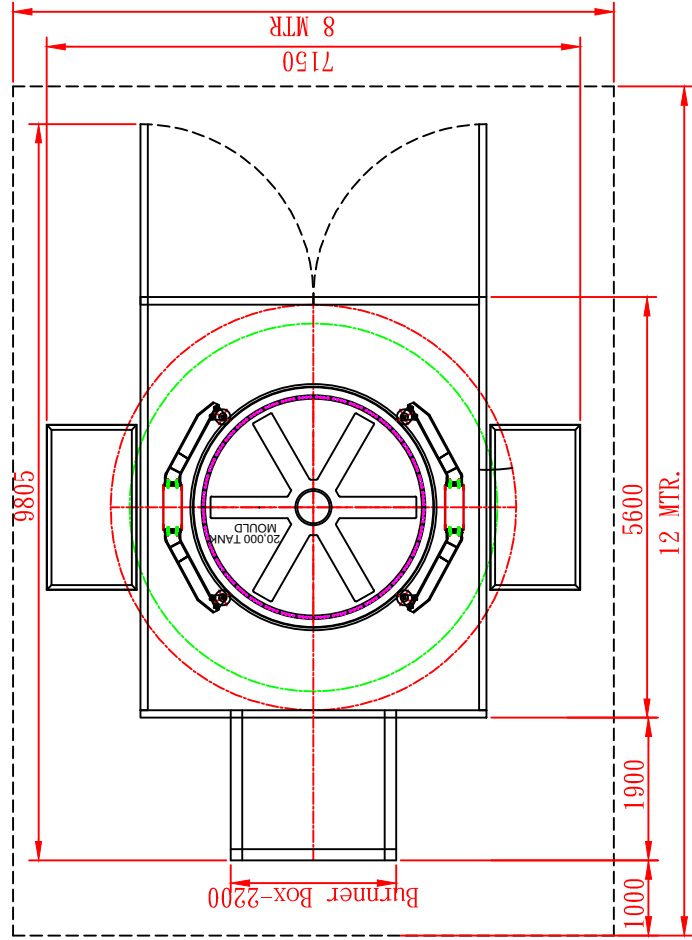
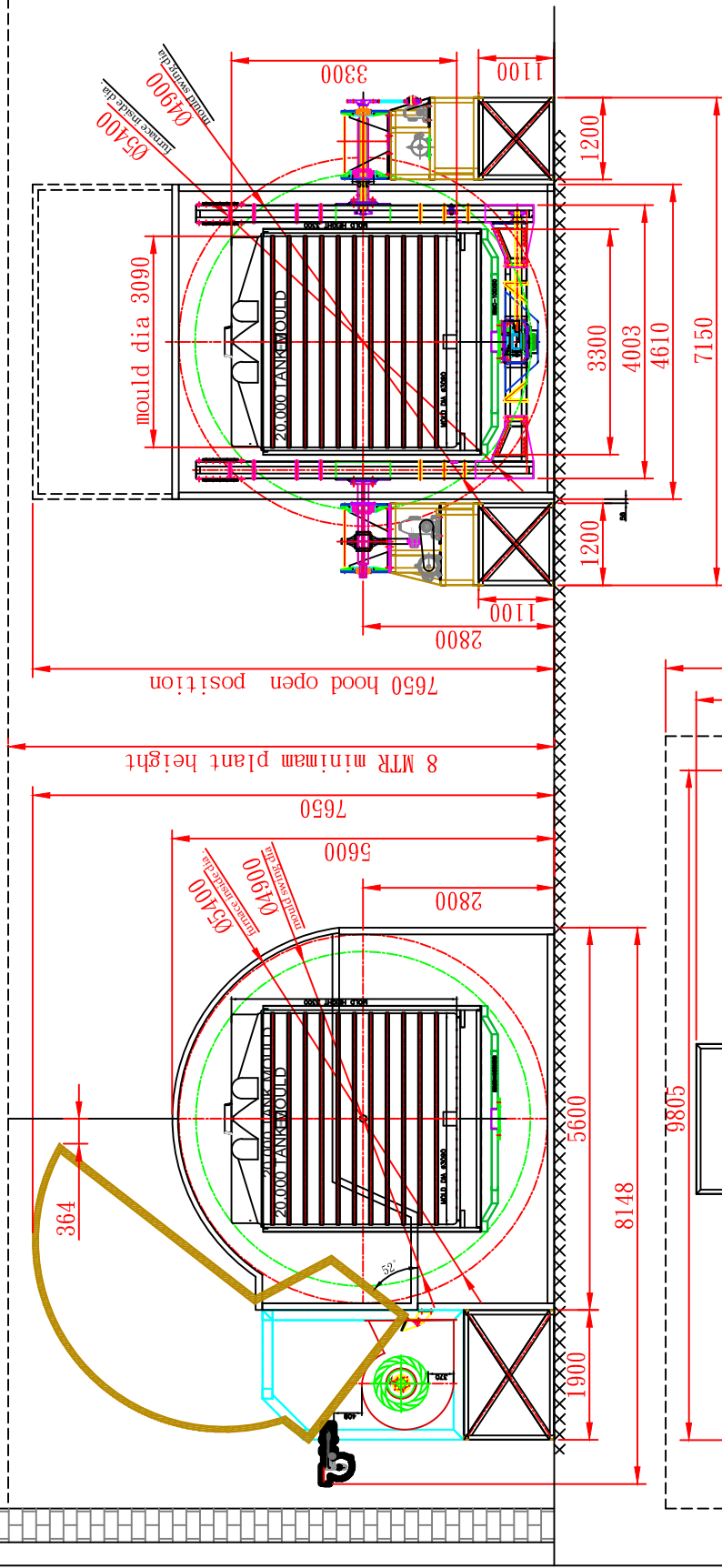
*All values are for standard double layer tanks

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CS 20000 MACHINE ROUND HOOD LIFTING BY HYDRAULIC SYSTEM

CS-20,000 Ltrs.M/C LAYOUT.



LENGTH	WIDTH	HIGHT
MACHINE OVERALL SIZE IN METER		
9.8 Mtr	7.2 Mtr	7.65 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER		
12 Mtr	8 Mtr	8 Mtr

REMARK :-	TITLE :-		
QTY :-	PLAN VIEW FOR CS-20,000 Ltrs.M/C MACHINE		
R/M Size :-		SIGN	DATE
R/M Wet :-		DRAWN	27.09.19
		CHKD	
		APPD	
Vindrad Engineers Pvt.Ltd 22, New Scheme, Jyoti, Surampalpet Road, Benevolant Nagar, Chennai JALUR-670000 (K.S) E-MAIL: vindradengg@rediffmail.com Web: www.vindrad.com		DWG NO. :- CS-20,000-PLYT	
		SCALE: 1:1	
		ALL DIMENSION IN MM	