



EN 2000x2

Overview:

EN 2000x2 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 750 Ltr to 2,000 Ltr capacities. It is very economical to use.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 32 tanks of 2,000 Ltr or 64 tanks of 1,000 Ltr in 24 Hrs.
- 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	
Machine Size	Length: 7 mtr
	Width: 4.5 mtr
	Height: 5 mtr
Minimum Shed Dimensions	Height: 6.3 mtr
	Area: 1000 sq. ft.
Cycle time	Double Layer: 80 mins
	Triple Layer: 90 mins
Production per Cycle	2000 Ltr x 2 or 1500 Ltr x 2 or 1000 Ltr x 4 or 750 Ltr x 4
Production per Day	64,000 Ltr (24 hrs.)*
Fuel Consumption:	Diesel: 9 Ltr/cycle*
	Gas:6.9 Kg/cycle*
Max. Temperature	250 °c
Total Connected Load	13 HP, 3-Phase, 50 Hz

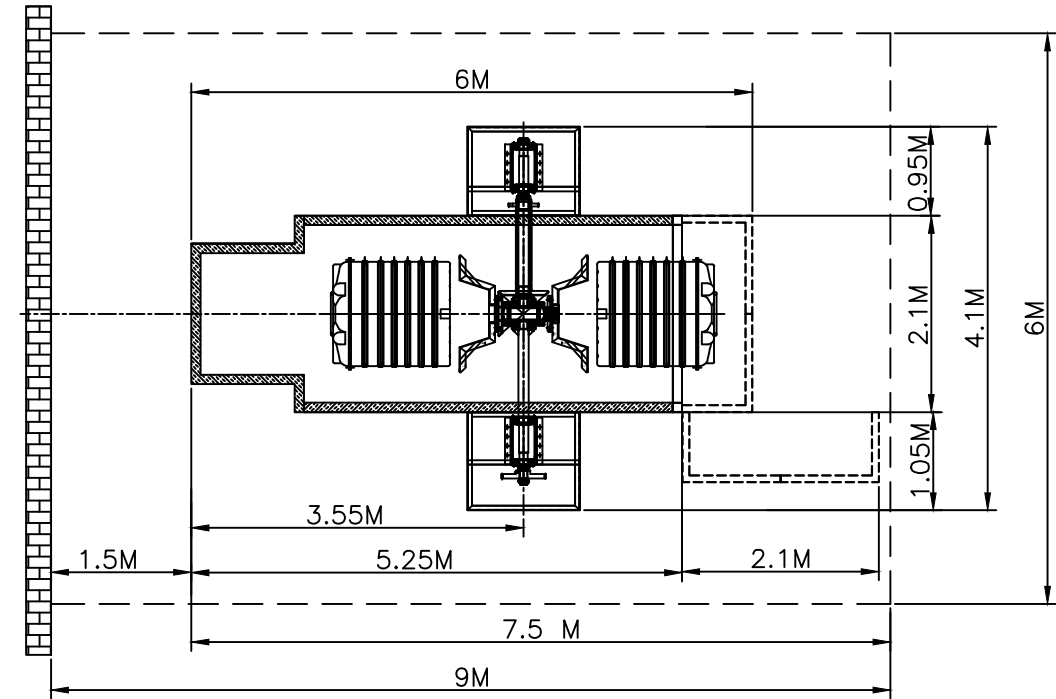
TECHNICAL SPECIFICATIONS

Straight-Arm	
Spindle	1
Maximum weight on arm	600 Kg
Spider Diameter	1650 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Usage Normal	80,870 Kcal/cycle
Maximum Temperature	250 °c
Circulating blower CFM	13,400 CFM
Electrical	
Supply Voltage	440 V, 50 Hz, 3 Phase & Neutral
Circulating blower HP	7.5 HP
Major Axis Drive AC Motor HP	3 HP
Minor Axis Drive AC Motor HP	2 HP
Burner HP	0.5 HP

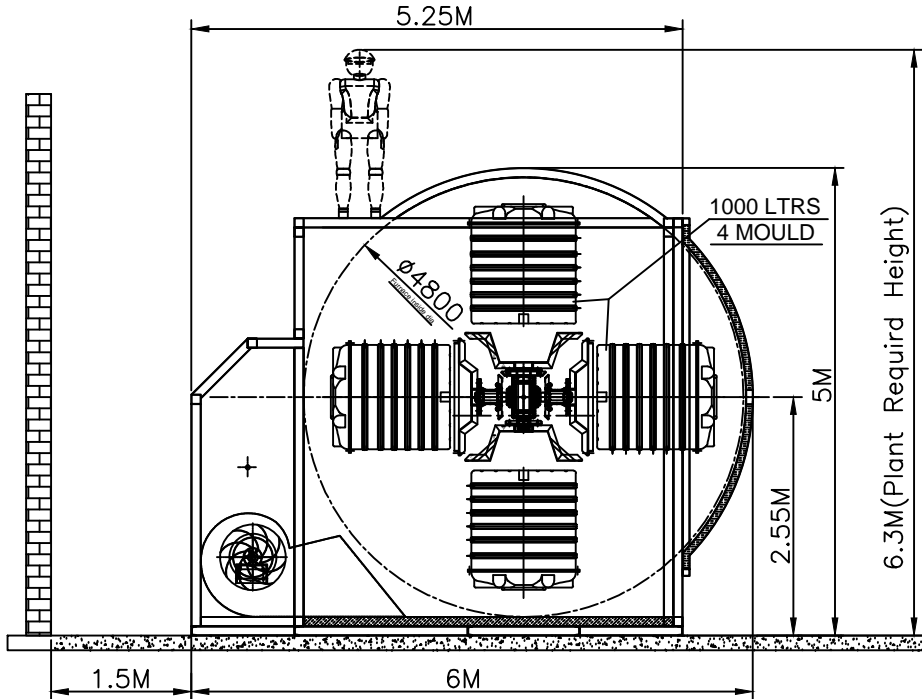
*All values are for standard double layer tanks

Vinodrai Engineers Pvt. Ltd,

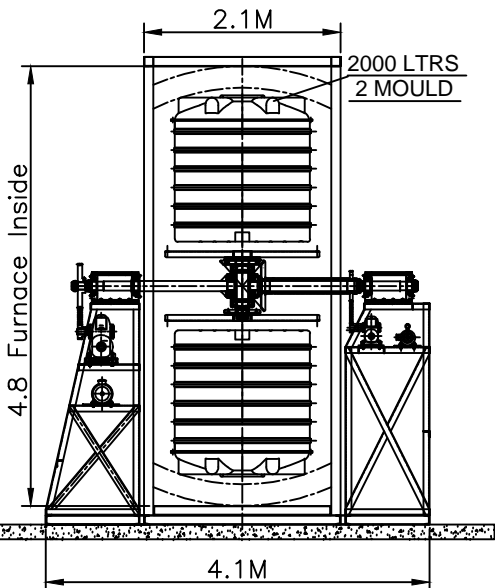
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PLAN VIEW.



SIDE VIEW.



FRONT VIEW.

EN2000X2 MACHINE LAYOUT

REMARK :-	TITLE :-		
QTY :-	PLANT LAYOUT		
R/M Size :-	EN2000X2M/C-LAYOUT1		
R/M Wet :-	DWG NO :-		
Vinodrai Engineers Pvt. Ltd.	SIGN	DATE	EN2000X2 M/C-LAYOUT1
12.Km Stone Jalna -Aurangabad Road,	DRAWN	19.09.10	SHEET :-1 OF 1
Dawalwadi Village Dist Jalna	CHKD	19.09.10	SCALE: 1:1
JALNA-431203 (M.S)	APPD		ALL DIMENSION IN MM
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