

Machine Specification Sheet EN-2500



EN 2500

Overview:

EN 2500 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 750ltr to 2,000ltr capacity. It is very economical to use.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 18 tanks of 2,500 Ltr in 24hrs or 18 tanks of 1,000 Ltr.
- 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.

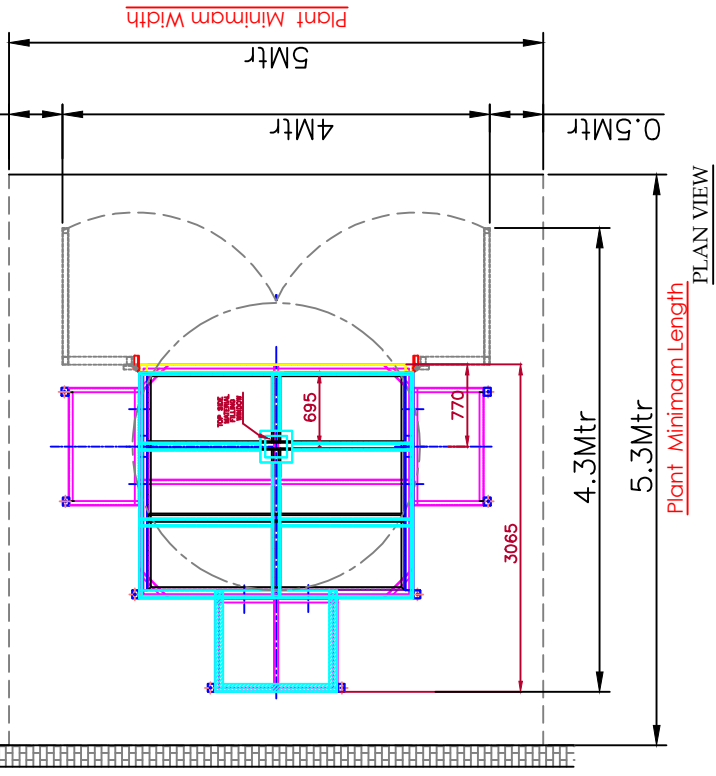
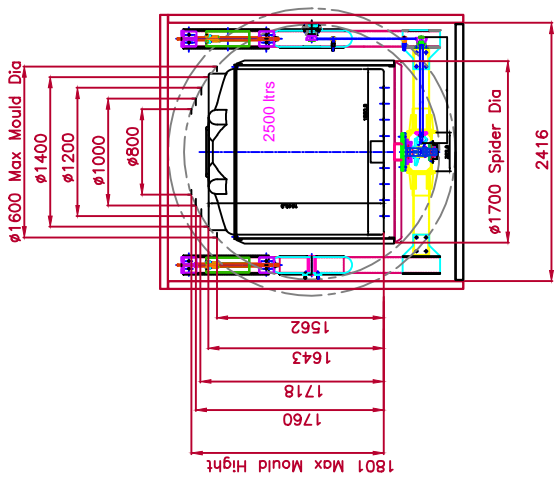
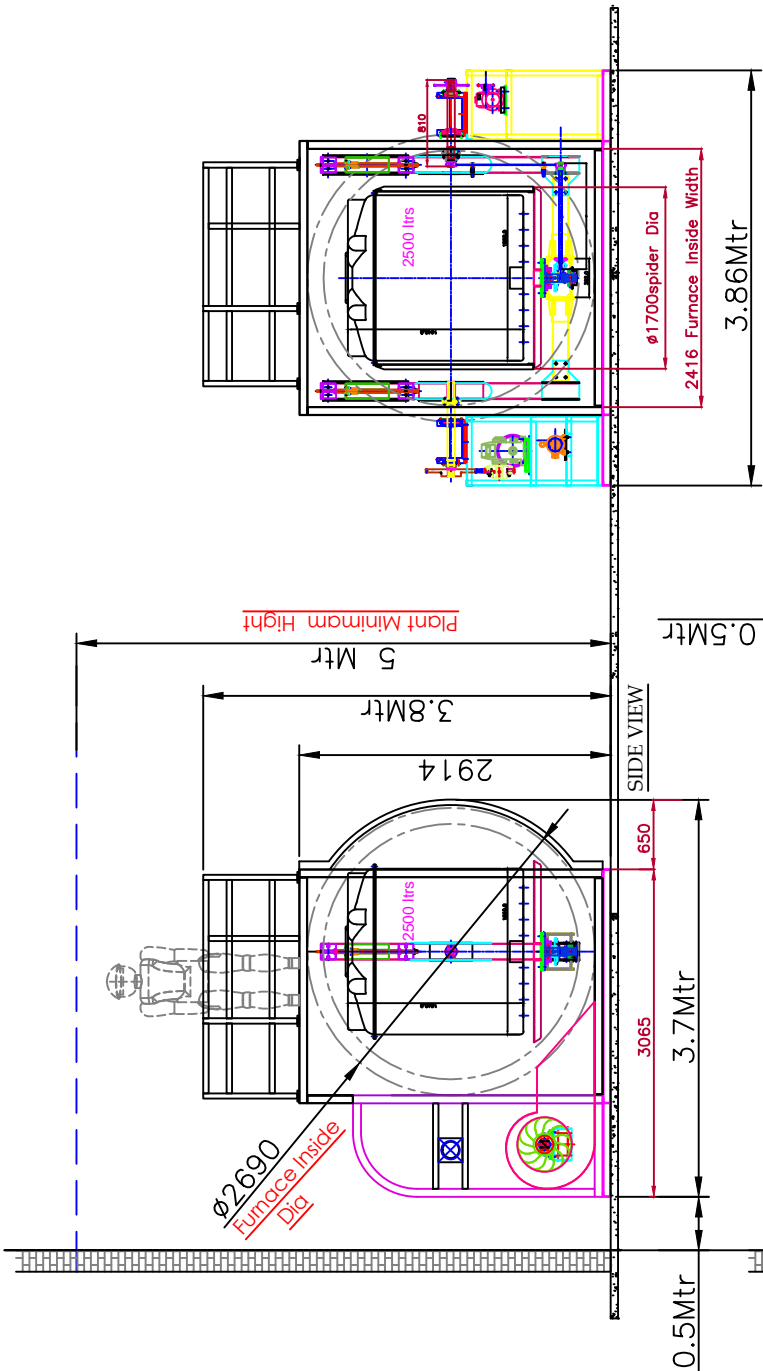
SPECIFICATION	
Machine	
Machine Size	Length: 4.5 mtr
	Width: 4.5 mtr
	Height: 3.8 mtr
Minimum Shed Dimensions	Height: 5 mtr
	1000 sq. ft.
Cycle time	Double layer: 70 mins
	Triple Layer: 80 mins
Production per Cycle	2500 ltr x1 or 2000 ltr x1
Production per Day	45,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 6.5 ltr /cycle*
	Gas: 5.5 Kg/cycle*
Max. Temperature	250° C
Total Connected Load	13 HP

TECHNICAL SPECIFICATIONS	
Straight-Arm	
Spindle	1
Maximum weight on arm	400 Kg
Spider Diameter	1700 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	53,914 Kcal/cycle
Maximum Temperature	250 °C
Circulating blower CFM	13,400 CFM
Electrical	
Supply Voltage	440V, 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,

12 Km Stone, Jalna-Aurangabad Road, Village Dawalwadi, Dist: Jalna,
 Jalna – 431203, Maharashtra (India), Phone: +91 2482 262000 Mobile: +91-9049113377
 E Mail: vinodraieng@gmail.com web: www.vinodrai.com



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
	4.3 Mtr	4 Mtr	3.8 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	5.3 Mtr	5 Mtr	5 Mtr
REMARK :-	TITLE :-		
QTY :-	Layout of		
R/M Size :-	EN2500 M/C		
R/M Wet :-			
DRAWN		SIGN	DWG NO :-
J.S.M.		J.S.M.	EN-2500-PLYT
DATE		12.07.09	
CHKD		J.S.M.	12.07.09
APPD			SCALE: 1:1
Vinodrai Engineers Pvt. Ltd. 12.Km Stone Jalna -Aurangabad Road Dawalwadi Village Dist Jalna JALNA-431203 (M.S) E-MAIL:-vinodraieng@rediffmail.com Web:- www.vinodrai.com		ALL DIMENSION IN MM	