



EN 3000

Overview:

EN 3000 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 2000ltr to 3000ltr capacity. It is very economical to use.

Features:

- Heavy-Duty U_Arm ensuring the reliability.
- Makes 16 tanks of 3,000 Ltr in 24hrs or 16 tanks of 2,000 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.

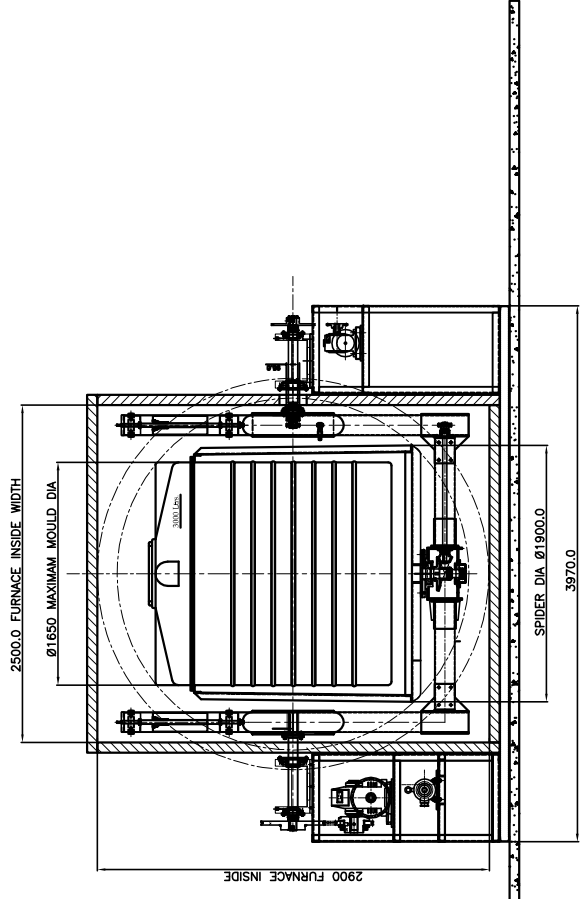
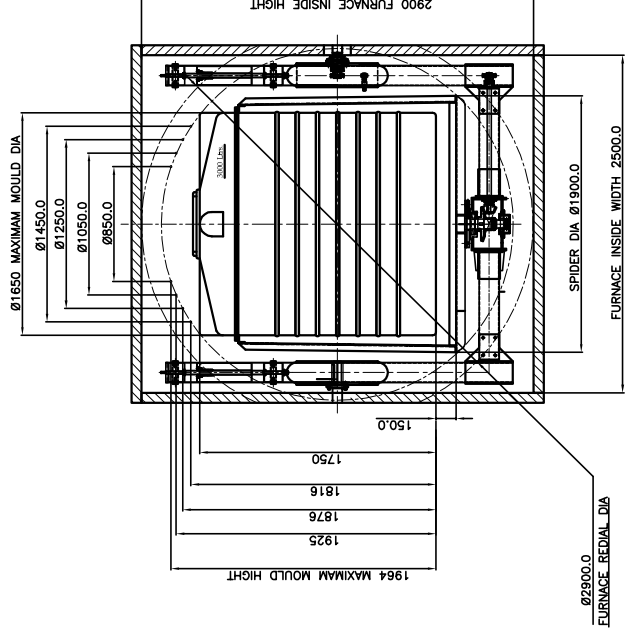
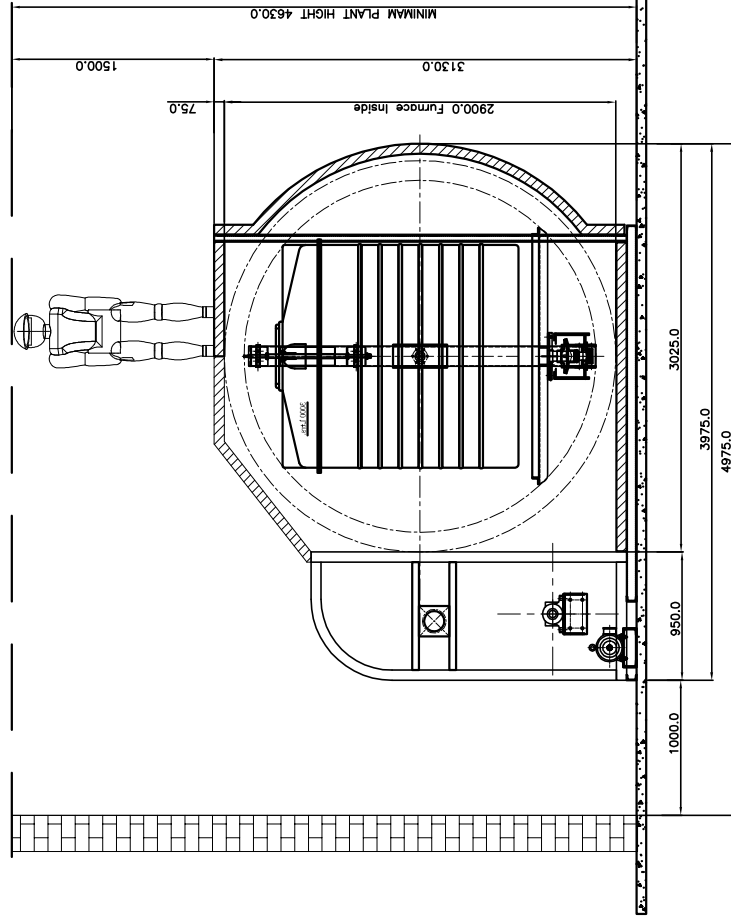
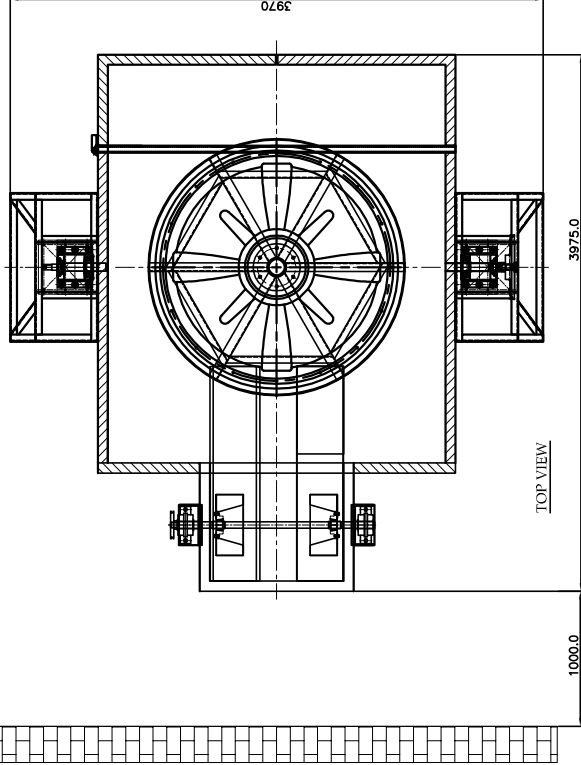
SPECIFICATION	
Machine	
Machine Size	Length: 4.5 mtr
	Width: 5 mtr
	Height: 4 mtr
Minimum Shed Dimensions	Height: 4.6 mtr
	1000 sq. ft.
Cycle time	Double layer: 80 mins
	Triple Layer: 90 mins
Production per Cycle	3000 ltr x1 or 2000 ltr x1
Production per Day	48,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 7 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	800 Kg
Spider Diameter	1900 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	62,900 Kcal/cycle
Maximum Temperature	250 °C
Circulating blower CFM	10000 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

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REMARK :-	TITLE :-			
CITY :-	LAYOUT OF EN3000 LTRS MACHINE			
R/M Size :-	DWG NO :-			
R/M Wet :-	DESIGNED	DATE	CHECKED	SCALE 1:1
	12.06.09	15.06.09	J.S.M.	15.06.09
	Vivadral Engineers Pvt. Ltd.			
	12, km Stone Jafra - Aurangabad Road			
	Dowalka Village Dkt. Jafra			
	JALNA-431205 (M.S.)			
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APPD	ALL DIMENSION IN MM			

EN-3000 Liters Machine Layout