



EN 1000

Overview:

EN 1000 is Single Arm Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 300ltr to 1000ltr capacity. It is very economical to use.

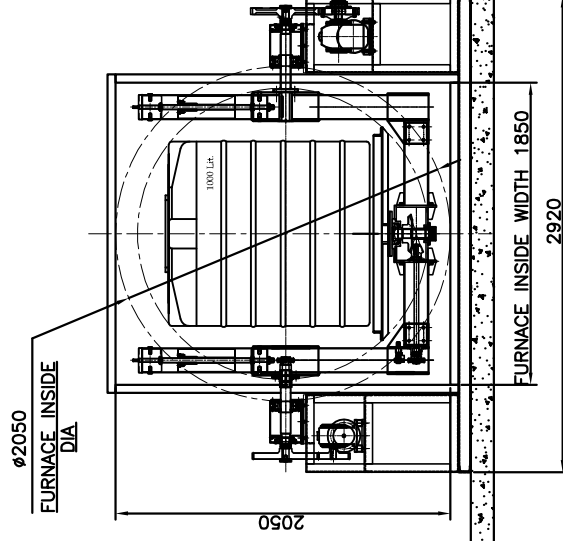
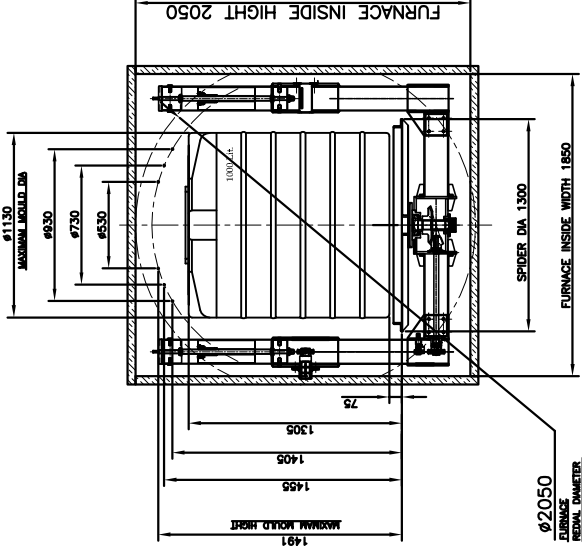
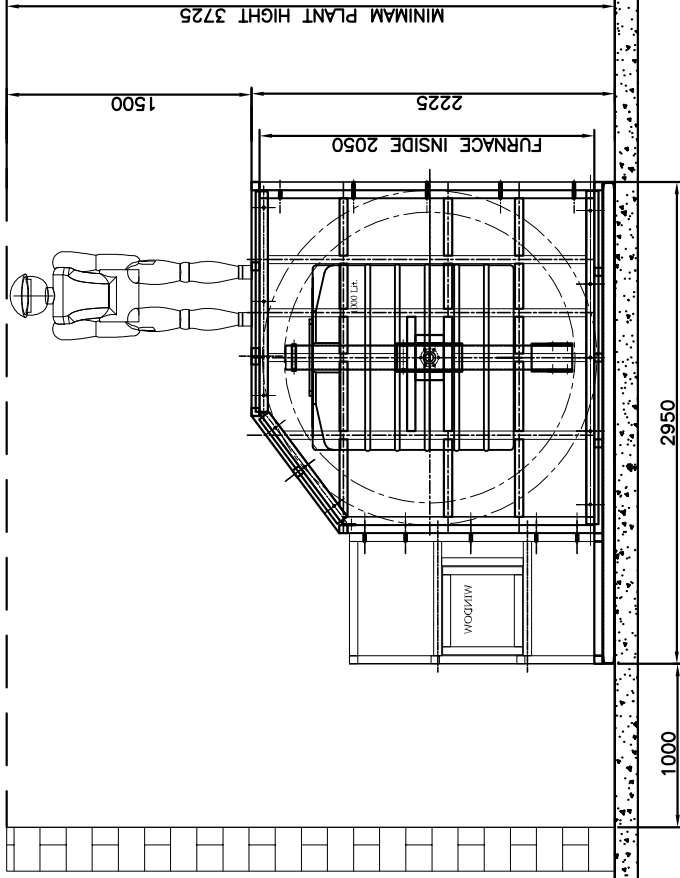
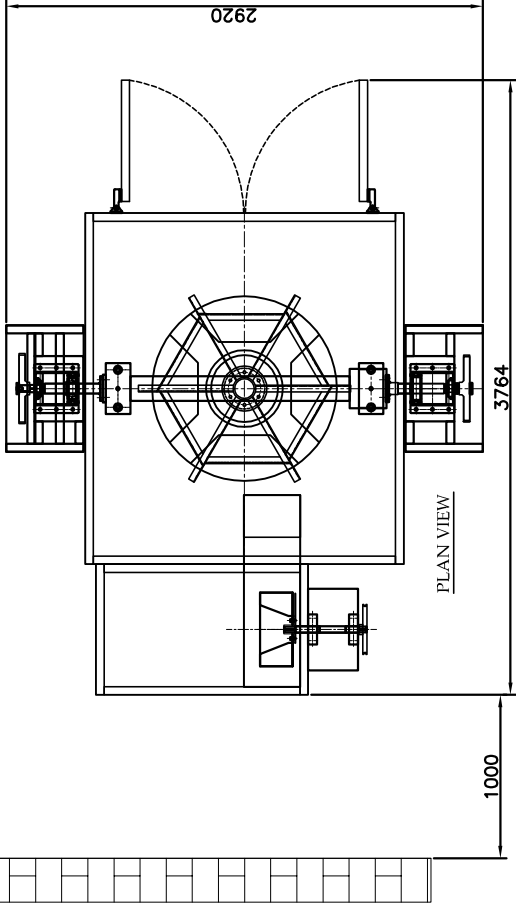
Features:

- Heavy-Duty U-Arm ensuring the reliability.
- Makes 20 tanks of 1000 Ltr in 24hrs or 20 tanks of 500 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:3.8mtr
	Width: 3.5 mtr
	Height: 2.5 mtr
Minimum Shed Dimensions	Height: 4 mtr
	Area: 1000 sq.ft.
Cycle time	Double layer: 60 mins
	Triple layer: 65 mins
Production per Cycle	1000Ltr x1; 500Ltr x1
Production per Day	20,000 Liters (24 hrs.)*
Fuel Consumption:	5.5 Ltr. Diesel per cycle*
	4.2 Kg LPG per cycle*
Max. Temperature	250° C
Total Connected Load	3.75 HP

TECHNICAL SPECIFICATIONS	
U-Arm	
Spindle	1
Maximum weight on arm	200 Kg
Spider Diameter	1300 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	49,420 Kcal/hr
Maximum Temperature	250 °C
Circulating blower CFM	7000 CFM
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Circulating blower HP	2 HP
Major Axis Drive AC Motor HP	1 HP
Minor Axis Drive AC Motor HP	0.5 HP
Burner HP	0.25 HP

*All values are for standard double layer tanks



REMARK :-	TITLE :-	
QTY :-	LAYOUT OF EN1000 LTRS MACHINE	
R/M Size :-	DWG NO :-	
R/M Wet :-	SIGN	DATE
	J.S.M.	15.06.09
	J.S.M.	15.06.09
	CHKD	SCALE: 1:1
	APPD	ALL DIMENSION IN MM
Vinodrai Engineers Pvt. Ltd. 12 km Stone Jalna -Aurangabad Road, Dewalwadi Village Dist Jalna (ALNA-431203 (M.S) E-MAIL-vinodraeng@rediffmail.com Web:- www.vinodrai.com		

EN1000 LTRS MACHINE