



EN 1000x2

Overview:

EN 1000x2 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 300 Ltr to 1000 Ltr capacity. It is very economical to use.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 36 tanks of 1000 Ltr or 72 tanks of 500 Ltr in 24 Hrs.
- Capable of making Multi-layer Tanks.
- Very suitable to make good quality foam tank.
- Suitable for all rotational molding 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: 6.0 mtr
	Width: 3.5 mtr
	Height: 4.0 mtr
Minimum Shed Dimensions	Height: 5 mtr
	Area: 1000 Sq. Ft.
Cycle time	Double layer: 70 mins
	Triple Layer: 80 mins
Production per Cycle	1000 Ltr x 2 or
	750 Ltr x 2 or
	500 Ltr x 4 or
	300 Ltr x 4
Production per Day	36,000 Ltr (24 hrs.)*
Fuel Consumption:	Diesel: 5.5 Ltr/cycle*
	Gas: 4.2 kg/cycle*
Max. Temperature	250 °c
Total Connected Load	6.5 HP, 3 Phase, 50 Hz

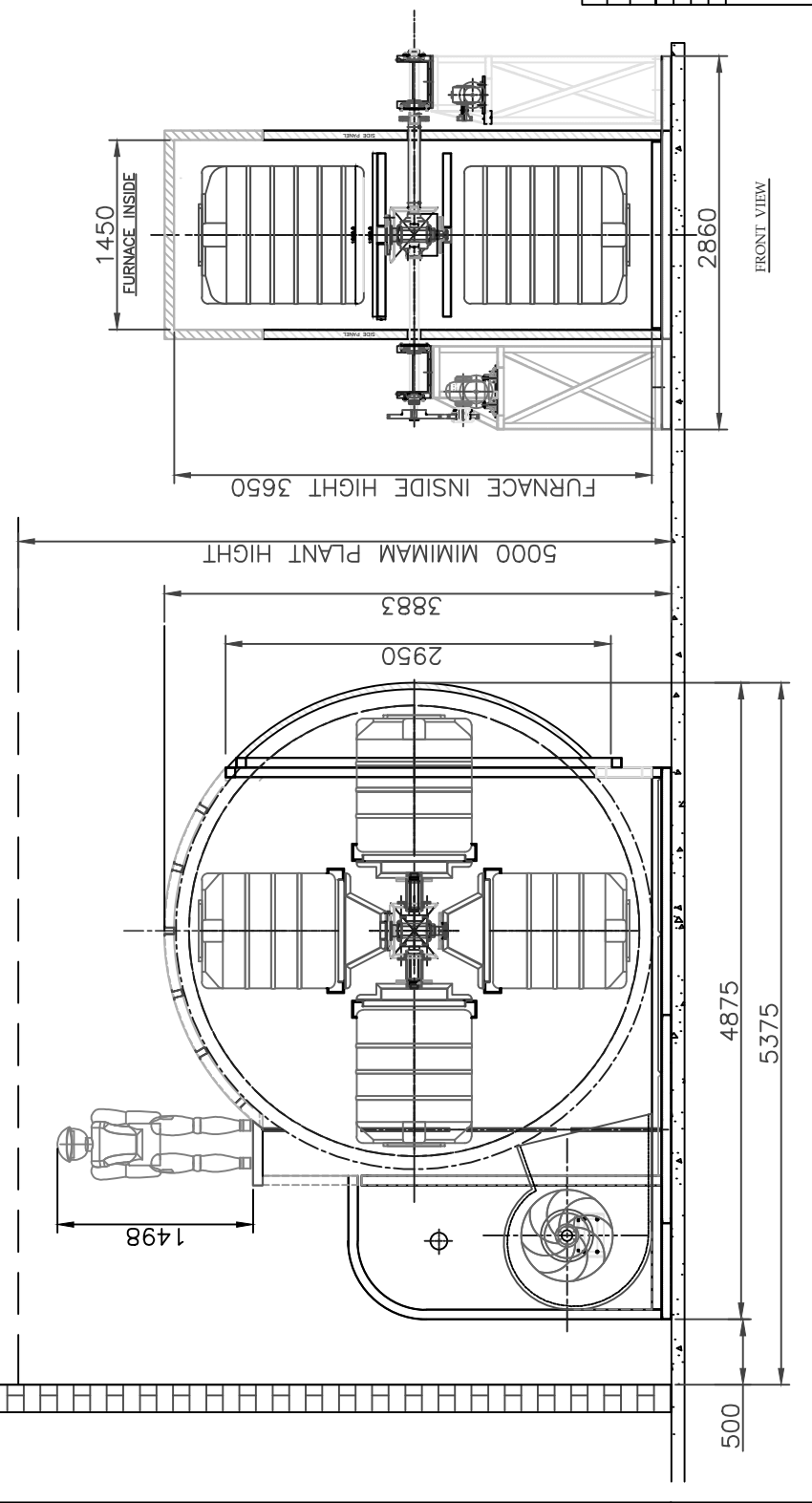
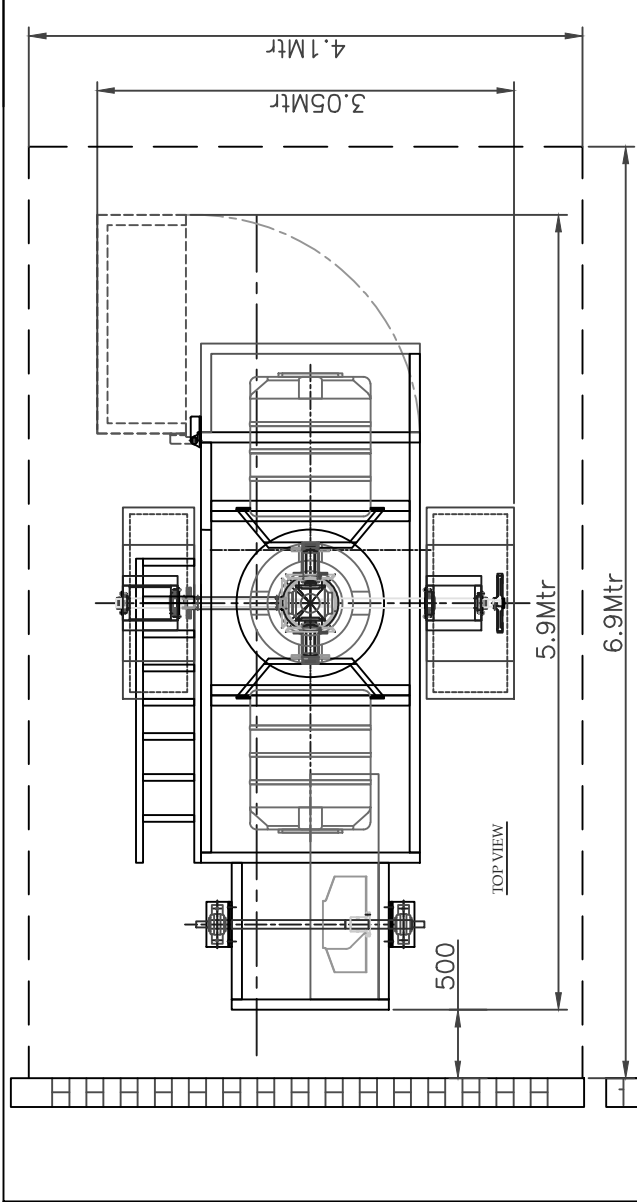
TECHNICAL SPECIFICATIONS	
Straight-Arm	
Spindle	1
Maximum weight on arm	500 Kg
Spider Diameter	1250 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Usage Normal	49,420 Kcal/cycle
Maximum Temperature	250 °c
Circulating blower CFM	7000 CFM
Electrical	
Supply Voltage	440V, 50 Hz, 3 Phase & Neutral
Circulating blower HP	3 HP
Major Axis Drive AC Motor HP	2 HP
Minor Axis Drive AC Motor HP	1 HP
Burner HP	0.5 HP

*All values are for standard double layer tanks

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	LENGTH	WIDTH	HIGHT
MACHINE OVERALL SIZE IN METER	6 Mtr	3 Mtr	4 Mtr
MACHINE OVERALL SIZE IN Feet	19.5 Feet	10 Feet	13 Feet
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	7 Mtr	4 Mtr	5 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN Feet	23 Feet	13.5 Feet	17 Feet



MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	5.9 Mtr	3.05 Mtr	3.9 Mtr
REMARK :-	6.9 Mtr	4.1 Mtr	5 Mtr
CITY :-	TITLE :-		
R/M Size :-	LAYOUT OF ENI 000X2 LTRS MACHINE		
R/M Wet :-	DWG NO :-		
Drawn :-	SIGN	DATE	
CHKD :-	J.S.M.	15.06.09	
APPD :-	J.S.M.	15.06.09	
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ALL DIMENSION IN MM			