



EN 1000x4

Overview:

EN1000x4 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 500ltr to 1000ltr capacity. It is very economical to use.

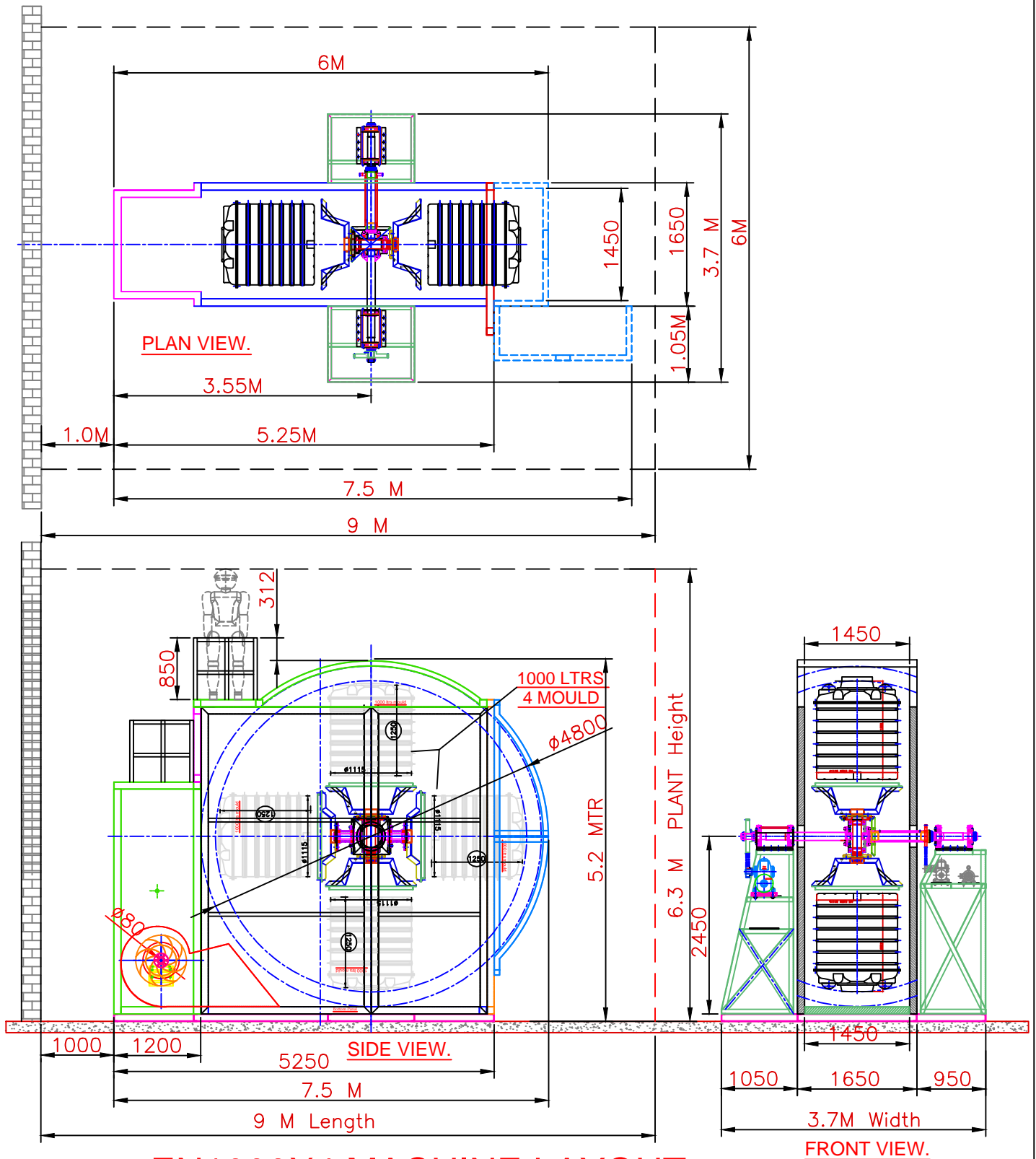
Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 64 tanks of 1000 Ltr in 24hrs or 64 tanks of 750 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: 7.5mtr
	Width: 3.8 mtr
	Height: 5.2 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	1000 Ltr x 4 or
	750 Ltr x 4 or
	500 Ltr x 4
Production per Day	64,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 7 Ltr/cycle*
	Gas: 5.4 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	700 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	62,899 Kcal/cycle
Maximum Temperature	250 °C
Circulating blower CFM	7000CFM
Electrical	
Supply Voltage	440V, 50 Hz 3Phase & 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



EN1000X4 MACHINE LAYOUT

	LENGTH	WIDTH	HEIGHT
MACHINE OVERALL SIZE IN METER	7 Mtr	3.7Mtr	5.2 Mtr
MACHINE OVERALL SIZE IN Feet	23 Feet	13 Feet	17 Feet
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	9 Mtr	6 Mtr	6.5 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN Feet	30 Feet	20 Feet	22 Feet

REMARK :-				TITLE :-	
QTY :-				PLANT LAYOUT	
R/M Size :-				EN1000X4 M/C-LAYOUT1	
R/M Wet :-					
Vinodrai Engineers Pvt. Ltd.		SIGN	DATE	DWG NO :-	
12.Km Stone Jaina -Aurangabad Road		J.S.M.	26.01.2010	EN1000X4 M/C-LAYOUT1	
Dawalwadi Village Dist Jaina		CHKD		SHEET :- 1 OF 1	
JALNA-431203 (M.S)		APPD		SCALE: 1:1	
E-MAIL:-vinodraieeng@rediffmail.com				ALL DIMENSION IN MM	
Web:- www.vinodrai.com					