



EN 2000x2 SP

Overview:

EN 2000x2 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 300 Ltr to 2,000 Ltr capacity. It is very economical to use.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 32 tanks of 2,000 Ltr or 64 tanks of 1,000 Ltr or 128 tanks of 500 Ltr in 24 Hrs.
- Capable of making Multi-layer Tanks.
- Very suitable to make good quality foam tank.
- Suitable for all roto moulding articles other than water tank as well.
- Compact Design thus has a small footprint.
- Only three 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: 7.85 mtr
	Width: 4.85 mtr
	Height: 6.15 mtr
Minimum Shed Dimensions	Height: 7.7 mtr
	Area: 1000 sq. ft.
Cycle time	Double Layer: 90 min.
	Triple Layer: 120 min.
Production per Cycle	2000 Ltr x 2 or 1500 Ltr x 2 or 1000 Ltr x 4 or 500 Ltr x 8
Production per Day	64,000 Ltr (24 hrs.)*
Fuel Consumption:	Diesel: Ltr/cycle*
	Gas: Kg/cycle*
Max. Temperature	250 °c
Total Connected Load	13 HP, 3-Phase, 50 Hz

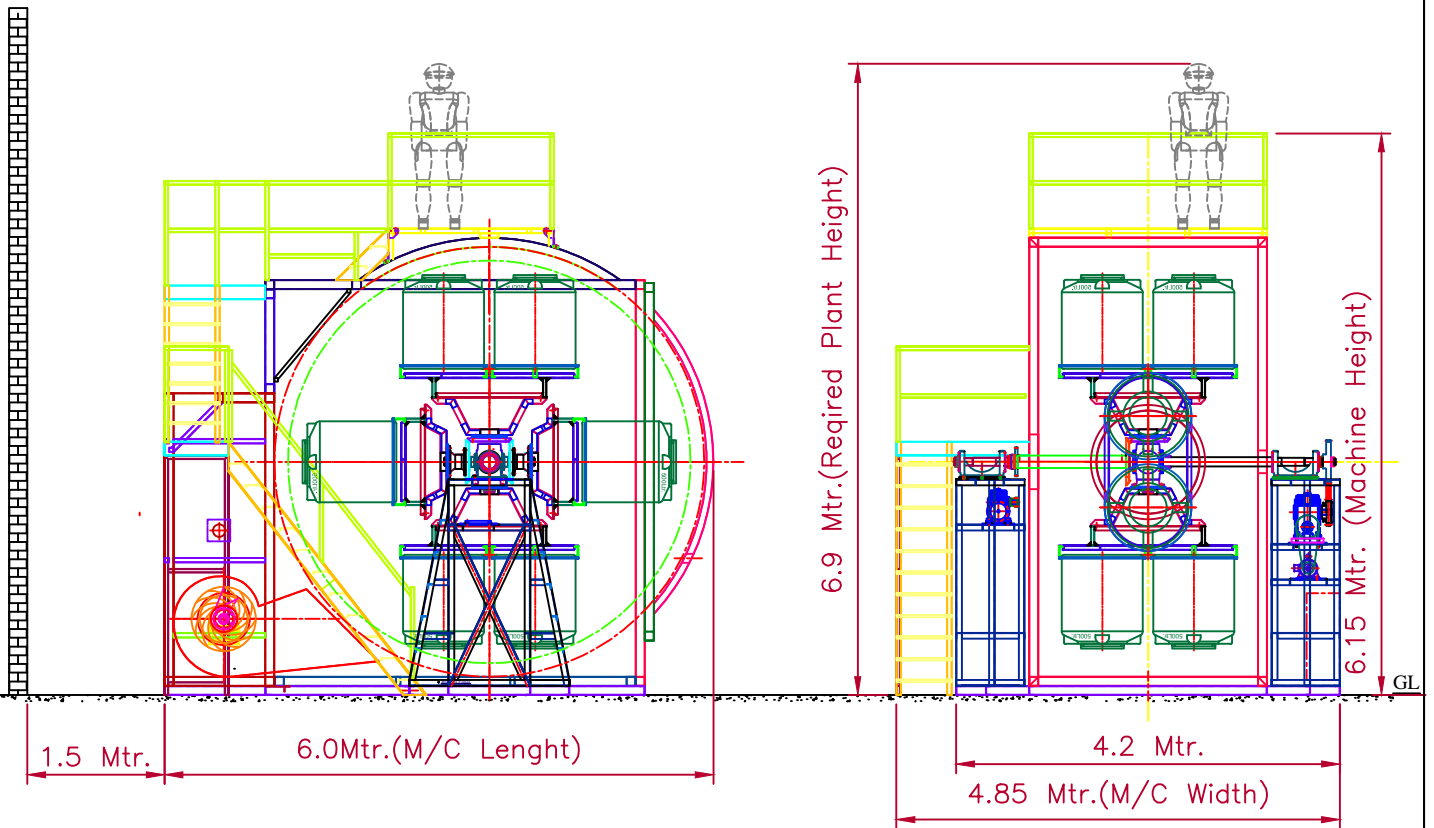
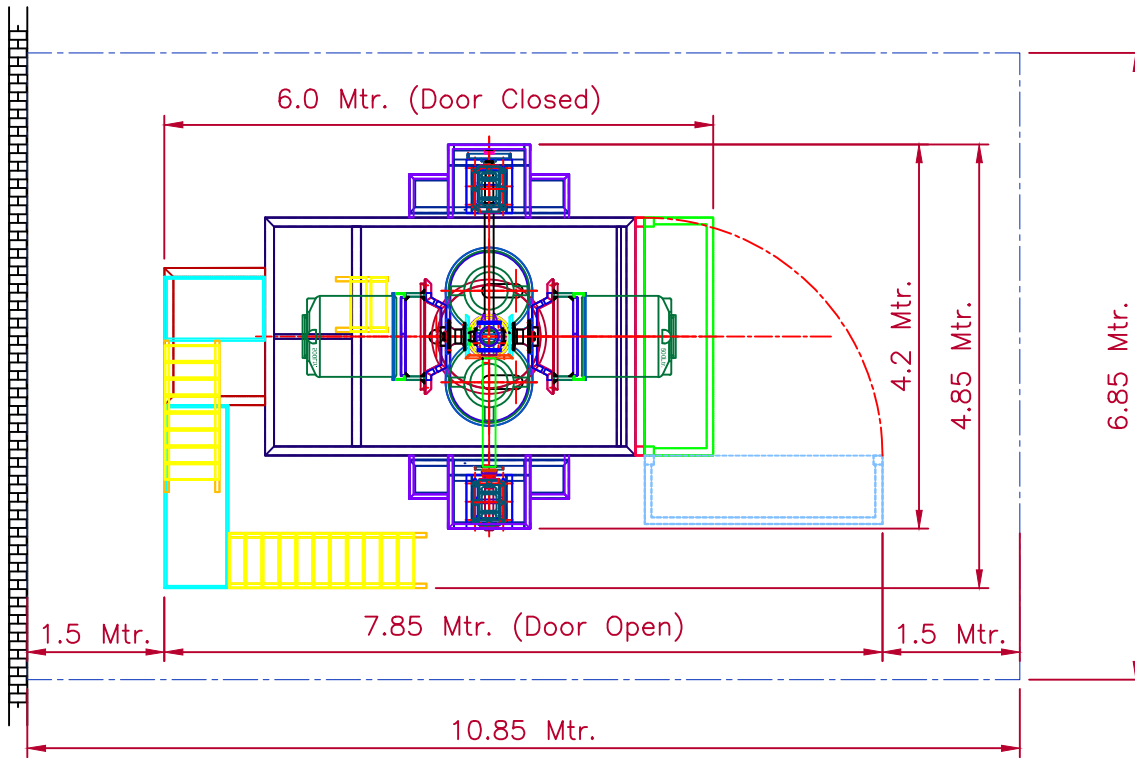
TECHNICAL SPECIFICATIONS

Straight-Arm	
Spindle	1
Maximum weight on arm	875 Kg
Spider Diameter	1650 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,83,148 Kcal/Hr.
Usage Normal	76,317 Kcal/Hr.
Maximum Temperature	250 °c
Circulating blower CFM	10,720 CFM
Electrical	
Supply Voltage	415 V, 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 :-			
QTY :-			Plant Layout for			
R/M Size :-			EN-2000X2SP			
R/M Wet :-			DWG NO :-			
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				SIGN	DATE	EN500 X 2 - GL - 001
			DRAWN		17.04.2021	SHEET :- 1 OF 1
			CHKD			SCALE: 1:1
			APPD			ALL DIMENSION IN MM