



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 36 tanks of 2,000 Ltr or 72 tanks of 1,000 Ltr or 144 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

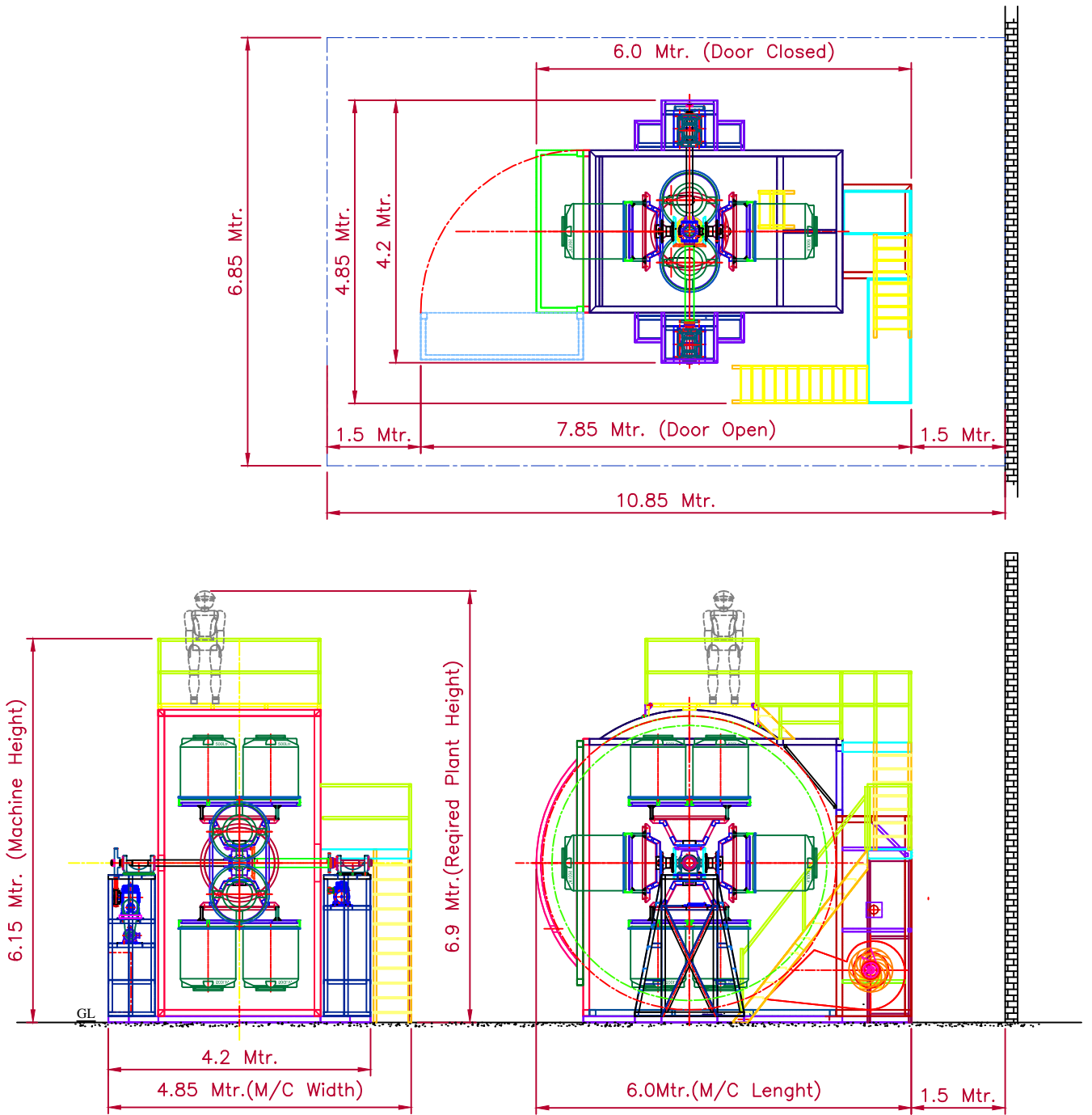
SPECIFICATION	
Machine	
Machine Size	Length: 7.85 Mtr
	Width: 4.85 Mtr
	Height: 6.15 Mtr
Minimum Shed Dimensions	Height: 7.7 Mtr
	Area: 1000 sq. ft.
Cycle time	Double Layer: 80 Min.
	Triple Layer: 90 Min.
Production per Cycle	2000 Ltr x 2 or 1500 Ltr x 2 or 1000 Ltr x 4 or 500 Ltr x 8
Production per Day	72,000 Ltr (24 Hrs.)*
Fuel Consumption:	Diesel: 12 Ltr/cycle*
	Gas: 10.2 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

Vinodrai Engineers Pvt. Ltd,

12 Km Stone, Jalna-Aurangabad Road, Village Dawalwadi, Dist: Jalna,
Jalna – 431203, Maharashtra (India), Phone: +91 2482 262000 Mobile: +91-9049113377
E Mail: vinodraieng@gmail.com web: www.vinodrai.com



Mould Mtg.Capacity On Arm					
Vertical Tank Mould		Horizontal Tank Mould		Loft Tank Mould	
<u>2000Ltr.</u>	<u>02 Nos.</u>	<u>1000Ltr.</u>	<u>04 Nos.</u>	<u>500Ltr.</u>	<u>02 Nos.</u>
<u>1500Ltr.</u>	<u>02 Nos.</u>	<u>500Ltr.</u>	<u>04 Nos.</u>	<u>300Ltr.</u>	<u>04 Nos.</u>
<u>1000Ltr.</u>	<u>04 Nos.</u>			<u>200Ltr.</u>	<u>04 Nos.</u>
<u>500Ltr.</u>	<u>08 Nos.</u>				
<u>500Ltr.</u>	<u>06 Nos.</u>				

REMARK :-				TITLE :-
QTY :-				Plant Layout for
R/M Size :-				EN-500x8 Machine
R/M Wet :-				DWG NO :-
Vinodrai Engineers Pvt. Ltd.	SIGN	DATE	EN500 X 2 - GL - 001	
12,Km Stone Jalna -Aurangabad Road,	DRAWN	SPB	29.12.2019	SHEET :- 1 OF 1
Dawalwadi Village Dist Jalna	CHKD			SCALE: 1:1
JALNA-431203 (M.S)	APPD			ALL DIMENSION IN MM
E-MAIL:-vinodraieng@rediffmail.com				
Web:- www.vinodrai.com				