

Machine Specification Sheet VI-4-5000



VI-4-5000

Overview:

VI-4-5000 is a bi-axial machine with traveling furnace. It has one L-Arm + three straight Arm with Capacity to mount one mold of 5000 Ltr on L Arm & two moulds of 2000 Ltr or four moulds of 1000 Ltr on each Straight Arm.

Features:

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 32 tanks of 5000 Ltr or 64 tanks of 2000 Ltr or 128 tanks of 1000 Ltr in 24 hrs
- Heavy-Duty Turret and Moving Furnace.
- 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.
- 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: 17.5 mtr
	Width: 13.2 mtr
	Height: 7.2 mtr
Minimum Shed Dimensions	Height: 8 mtr
	Area: 5000 sq. ft.
Cycle time	Double layer: 45 mins
	Triple Layer: 50 mins
Production per Cycle	5000 Ltr x 1 or 2000 Ltr x 2 or 1000 Ltr x 4 or 500 Ltr x 4
Production per Day	1,60,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 28 Ltr/hr*
	Gas: 24 Kg/hr*
Max. Temperature	250 °c
Total Connected Load	49 HP, 3 Phase, 50 Hz

TECHNICAL SPECIFICATIONS

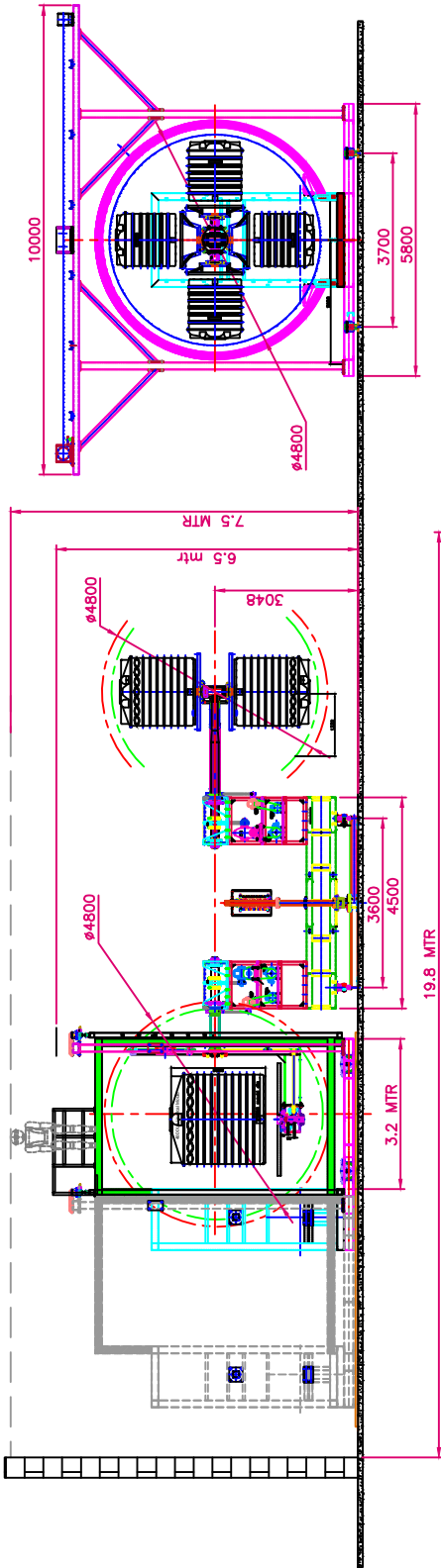
Spindle	4
Arm type	Straight + L-arm
Spider Diameter	2400 mm
Max Weight on Arm	400kg
Major Axis Speed Range	0-4 RPM
Minor Axis Speed Range	0-6 RPM
Furnace	
Maximum Usage	509,891 Kcal/hr
Normal Usage	261,800 Kcal/cycle
Circulating blower CFM	24,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Major Axis Drive AC Motor	5 HP
Minor Axis Drive AC Motor	3 HP
Circular Blower	10 HP

*All values are for standard double layer tanks

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VI-4-5000



ST ARM SUITABAL FOR

500X6 VERTICAL TANK MOULD

1000X4 VERTICAL TANK MOULD

1500X2 VERTICAL TANK MOULD

2000X2 VERTICAL TANK MOLD

3000LX1 VERTICAL ON L ARM

4000I X1 VERTICAL ONI ARM

5000LX1 VERTICAL ON L ATM

		LENGTH	WIDTH	HIGHT
MACHINE OVERALL SIZE IN METER		17.8 Mtr	13.8 Mtr	6.12 Mtr
MACHINE PLANT MINIMUM REQ SIZE IN METER		19.8 Mtr	15.8 Mtr	7.5Mtr
TITLE :-				
VI-4-5000 Plant Layout				
DWG NO :- VI-4-5000 LAYOUT.				
SIGN		DATE		
DRAWN		15.02.18		
CHKD				
APPD				
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