

Machine Specification Sheet VI-4-1000



VI-4-1000

Overview:

VI-4-1000 is a bi-axial machine with traveling furnace. It has four arms with Capacity to mount one mould of 1000 liters on L Arm or two mould of 500 liters on straight arm.

Features:

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 72 tanks of 1000 ltr or 144 tanks of 500 ltr
- 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.

SPECIFICATION

Machine	
Machine Size	Length: 11 mtr
	Width: 9 mtr
	Height: 5.5 mtr
Minimum Shed Dimensions	Height: 6.2 mtr
	Area: 5000 sq ft
Cycle time	Double layer: 25 mins
	Triple Layer: 30 mins
Production per Cycle	1000 ltr x 1 or 500 ltr x 2
Production per Day	72,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 10 Ltr/hr*
	Gas: 8.4 kg/hr*
Max. Temperature	250°C
Total Connected Load	19 HP 3 Phase

TECHNICAL SPECIFICATIONS

Spindle	4
Arm type	Straight + L-arm
Spider Diameter	1200 mm
Max Weight on Arm	400kg
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Normal Usage	70,000 Kcal/cycle
Circulating blower CFM	12,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Major Axis Drive AC Motor	2 HP
Minor Axis Drive AC Motor	1 HP
Circular Blower	5 HP

*All values are for standard double layer tanks

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