

Machine Specification Sheet VI-4-10000



VI-4-10000

Overview:

VI -4 10000 is a bi-axial machine with traveling furnace. It has four arms with Capacity to mount one mold of 10000 liters on L Arm or two moulds of 5000 liters or four mould of 2000 liters on each straight arm.

Features:

- Heavy-Duty Straight + L-Arm ensuring the reliability.
- Makes 24 tanks of 10000 ltr and 48 tanks of 5000 ltr and 96 tanks of 2000 liter
- 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: 25 mtr
	Width: 16.5 mtr
	Height: 10 mtr
Minimum Shed Dimensions	Height: 11 mtr
	Area: 5000 sq ft
Cycle time	Double layer: 60 mins
	Triple Layer: 65 mins
Production per Cycle	10000 ltr x 1, 5000 ltr x 2 or 2000 ltr x 4
Production per Day	2,40,000 Ltr (24 hrs)*
Fuel Consumption:	Diesel: 38 Ltr/hr*
	Gas: 30 kg/hr*
Max. Temperature	250°C
Total Connected Load	56 HP 3 Phase

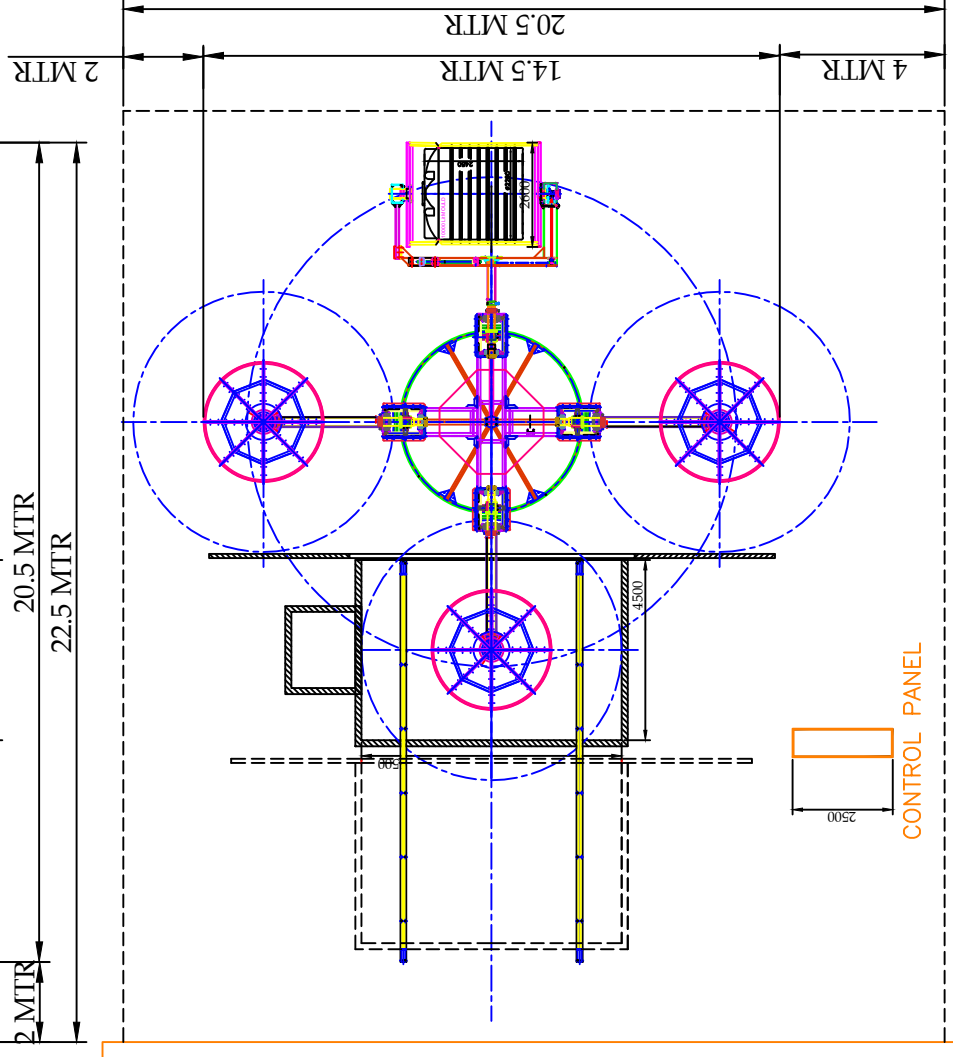
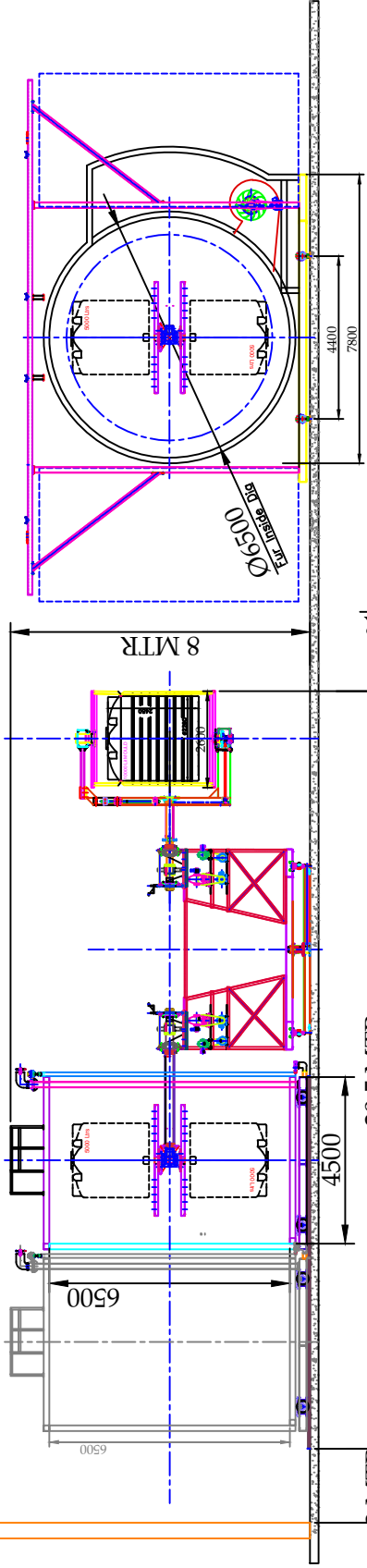
TECHNICAL SPECIFICATIONS	
Spindle	4
Arm type	Straight + L-arm
Spider Diameter	1200 mm
Max Weight on Arm	400kg
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,89,167 Kcal/hr
Normal Usage	70,000 Kcal/cycle
Circulating blower CFM	12,000 CFM
Max. Temperature	250 °C
Electrical	
Supply Voltage	440V, 50 Hz 3 Phase & Neutral
Major Axis Drive AC Motor	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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VI4-10000 SP MACHINE.



- VI4-10000 SP MACHINE**
STRAIGHT ARM CAPACITY
 HORIZONTAL 500L - 8 NOS
 HORIZONTAL 1000L - 8 NOS
 HORIZONTAL 1500L - 6 NOS
 HORIZONTAL 2000L - 6 NOS
 HORIZONTAL 2500L - 4 NOS
 HORIZONTAL 3000L - 4 NOS
 HORIZONTAL 4000L - 2 NOS
 HORIZONTAL 5000L - 2 NOS
 HORIZONTAL 6000L - 2 NOS

- VI4-10000 SP MACHINE**
STRAIGHT ARM CAPACITY
 VERTICAL 500L - 10 NOS
 VERTICAL 1000L - 8 NOS
 VERTICAL 1500L - 8 NOS
 VERTICAL 2000L - 6 NOS
 VERTICAL 2500L - 4 NOS
 VERTICAL 3000L - 4 NOS
 VERTICAL 4000L - 2 NOS
 VERTICAL 5000L - 2 NOS
 VERTICAL 6000L - 2 NOS

L ARM CAPACITY
 VERTICAL 8000L - 1 NOS (L ARM)
 VERTICAL 10000L - 1 NOS (L ARM)

MACHINE OVERALL SIZE IN METER	LENGTH	WIDTH	HIGHT
20.5 Mtr	20.5 Mtr	14.5 Mtr	8 Mtr
MACHINE PLANT MINIMUM REQUIRED SIZE IN METER	23 Mtr	20 Mtr	10 Mtr

CUSTOMER NAME:- MIS SAUDI ANFAN COMPANY FOR PROJECT LTD. TITLE :-			
Vi-4-10000 SP Plant Layout 4 ARM MACHINE			
DRAWN	SIGN	DATE	DWG NO :-
CHKD		26.03.15	VI-4-10000SP PLYT
APPD			SCALE: 1:1
			ALL DIMENSION IN MM

CONTROL PANEL
2500

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