



**VI-4-1000x2**

### Overview:

VI-4-1000x2 is a bi-axial machine with travelling furnace. It has four straight arms with Capacity to mount two moulds of 1000 Ltrs or four moulds of 500 Ltrs on each straight arm.

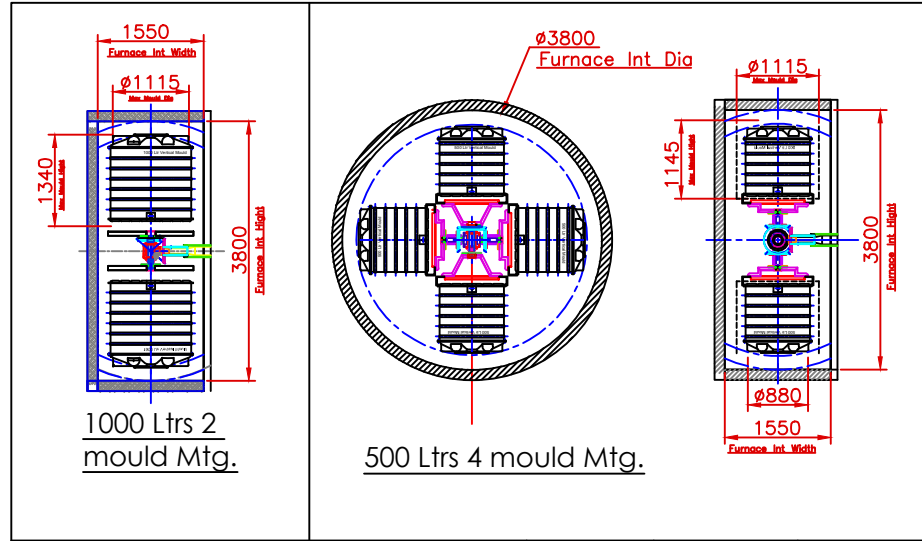
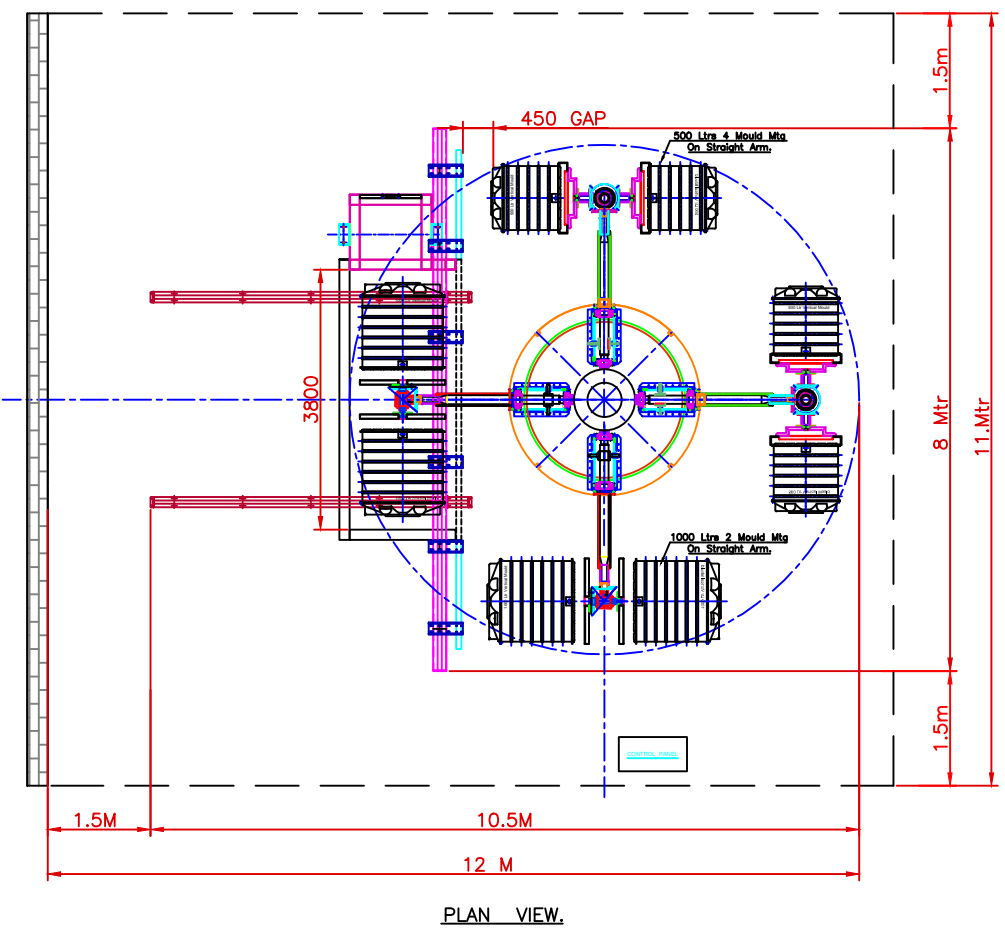
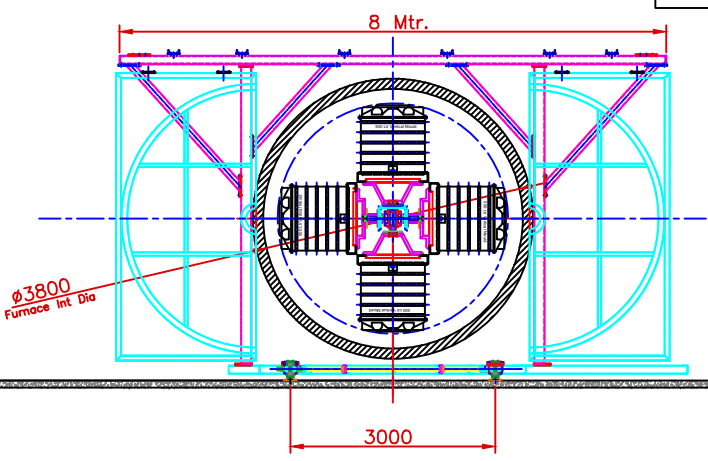
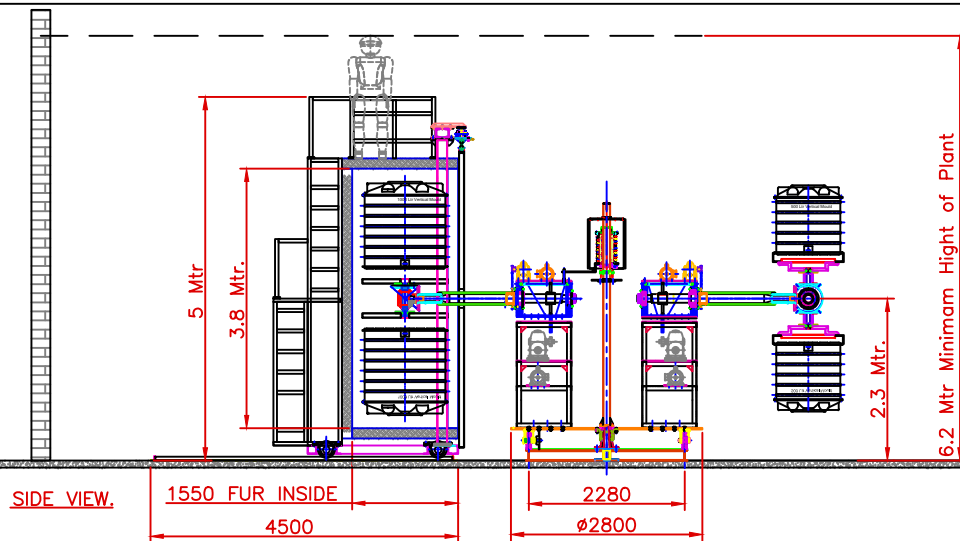
### Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 96 tanks of 1000 ltr or 192 tanks of 500 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	
<b>Machine Size</b>	Length: 12 mtr
	Width: 11 mtr
	Height: 6.2 mtr
<b>Minimum Shed Dimensions</b>	Height: 7 mtr
	Area: 5000 sq. ft.
<b>Cycle time</b>	Double layer: 20 min
	Triple Layer: 25 min
<b>Production per Cycle</b>	1000 Ltr x 2 or 750 Ltr x 2 or 500 Ltr x 4 or 300 Ltr x 4
<b>Production per Day</b>	96,000 Ltr (24 hrs)*
<b>Fuel Consumption:</b>	Diesel: 14 Ltr/hr*
	Gas: 10.7 Kg/hr*
<b>Max. Temperature</b>	250 °C
<b>Total Connected Load</b>	27 HP, 3 Phase, 50 Hz

TECHNICAL SPECIFICATIONS			
<b>Spindle</b>	4		
<b>Arm type</b>	Straight arm		
<b>Spider Diameter</b>	1250 mm		
<b>Max Weight on Arm</b>	400kg		
<b>Major Axis Speed Range</b>	0-6 RPM		
<b>Minor Axis Speed Range</b>	0-8 RPM		
Furnace			
<b>Maximum Usage</b>	1,89,167 Kcal/hr		
<b>Normal Usage</b>	49,420 Kcal/cycle		
<b>Circulating blower CFM</b>	12,000 CFM		
<b>Max. Temperature</b>	250 °C		
Electrical			
<b>Supply Voltage</b>	440V, 50 Hz 3 Phase & Neutral		
<b>Major Axis Drive AC Motor</b>	2 HP		
<b>Minor Axis Drive AC Motor</b>	1 HP		
<b>Circular Blower</b>	5 HP		

\*All values are for standard double layer tanks



	LENGTH	WIDTH	HEIGHT
MACHINE OVERALL SIZE IN METER	10.5 Mtr	8 Mtr	5 Mtr
MACHINE PLANT MINIMAM REQUIRED SIZE IN METER	12 Mtr	11 Mtr	6 Mtr

**TITLE :-**  
VI-4-1000X2  
Plant Layout

**DWG NO :-**  
VI-4-1000X2 PLYT

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ALL DIMENSION IN MM