

# Machine Specification Sheet EN 1500x2



**EN 1500x2**

## Overview:

EN 1500x2 is Single Arm Single Station Bi-Axial Rotational Moulding machine. It is efficient in manufacturing complete range of tanks from 1500 Ltr to 750 Ltr capacity. It is very economical to use.

## Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 30 tanks of 1500 Ltr in 24hrs or 60 tanks of 750 Ltr.
- 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 two 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	
<b>Machine Size</b>	Length:6.5 mtr
	Width: 3.5 mtr
	Height: 4.7 mtr
<b>Minimum Shed Dimensions</b>	Height: 5.5 mtr
	Area: 1000 sq. ft.
<b>Cycle time</b>	Double layer: 85 mins
	Triple layer : 95 mins
<b>Production per Cycle</b>	1500Ltr x 2; 1000Ltr x 4
<b>Production per Day</b>	45,000 Ltr (24hrs.)*
<b>Fuel Consumption:</b>	8.0 Ltr. Diesel per cycle*
	6.0 Kg LPG per cycle*
<b>Max. Temperature</b>	250° C
<b>Total Connected Load</b>	13 HP

TECHNICAL SPECIFICATIONS	
Straight-Arm	
<b>Spindle</b>	1
<b>Maximum weight on arm</b>	600 Kg
<b>Spider Diameter</b>	1650 mm
<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>Usage Normal</b>	71,885 Kcal/cycle
<b>Maximum Temperature</b>	250 °C
<b>Circulating blower CFM</b>	7000 CFM
Electrical	
<b>Supply Voltage</b>	440V, 50 Hz 3 Phase & Neutral
<b>Circulating blower HP</b>	7.5 HP
<b>Major Axis Drive AC Motor HP</b>	3 HP
<b>Minor Axis Drive AC Motor HP</b>	2 HP
<b>Burner HP</b>	0.5 HP

\*All values are for standard double layer tanks

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