

Foundry Lab



MAGNESIUM METAL STIR CASTING FURNACE

Make: VB Ceramics

Model: VBCC / MM-SCF / 1000°C

Specifications:

CRUCIBLE VOLUME	200mm Di. X 300mm
Operating TEMPERATURE	1000°C (Max. 1100°C)
THERMOCOUPLE	K - Type (225mm long) with 1°C
POWER	4KW - SINGLE PHASE/AC/230V
Furnace Actual Current Rating	15 Amps (Max)
Stirrer Motor Capacity and	AC motor with 0.25HP and 1400rpm
Die material	Cast Iron



COMPOSITE MATERIALS FABRICATION EQUIPMENT

Make: VB Ceramics

Specifications:

Mould Volume	Dia. 50 mm X height 150 mm
Operating Temperature	1000°C (Max 1100°C)
Thermocouple	K Type (225 mm Long) with 1°C accuracy
Power	4kW- Two Phase/ AC/ 230 V
Furnace Actual Current Rating	15 Amps (Max.)
Working Atmosphere	Vacuum/ Inert Gas (Up to 5 Bar)
Die Material	Stainless Steel



INJECTION MOULDING MACHINE

Make: TEXSHINE

Model: 7 HL

Specifications:

Maximum mold size	250 x 250 mm
Maximum short weight	60 grams
Maximum daylight opening	450 mm
Motor power	3.75 kW
Heater load	2.5 kW
Machine operating pressure	105 bar
Electrical system	Time based control
Maximum temperature	220°C



ROTATIONAL MOULDING MACHINE

Make : VINODRAI Engineers Pvt. Ltd

Model : EN 200 PLC

Specifications

Suitable For	Making plastic water storage tank of 200 liters or plastic articles
Power Requirement	3HP 415V 3Phase
Control	PLC with Touch Screen
Fuel	LPG
Material Used	LLDPE
Rotation	Biaxial
Major(X) & Minor(Y) Axis Speed Range in RPM	0-8
Maximum Temperature	210°C
Sensing Device	Wireless temperature sensing device for measuring peak internal air temperature of the mould
Size Of The Machine (LxWxH) in m	3.4 x 2.4 x 2.0



SAND MULLER

Supplier: METSONIC ENGINEERS PVT LTD

Specifications

Capacity	75 kg.
Pan diameter (internal) X ht	900 x 400 mm
Roller diameter X width	400 x 90 mm
Motor	3 hp 1440 rpm
Rotation	clockwise
Spindle rpm	32
Mulling time	4 to 5 minutes

