



SHAPET
INDUCTION COMPANY

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SHAPET
INDUCTION Pvt. Ltd.

GIDC Metoda, Gate No. 1, Plot No.-2605/A,
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Vajdi, Metoda - 360021. Ta: Lodhika, Dist.: - Rajkot - Gujarat (India).
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MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति

Ministry of MSME, Govt. of India



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INDUCTION COMPANY

SERVING
SINCE
1995

Advanced
Technology
for Jewelry



The Symbol of Quality

Innovating Induction Systems ➤ ➤ ➤ ➤

ABOUT SHAPET

Point for Company Profile Writing

Starting as a small company, Shapet Electric Co (founded in 1995) grew into Shapet Induction Company, with clients from all over the world. The secret behind Shapet Induction Company's success was their commitment to quality, performance, and customer satisfaction. Their induction furnaces were not only efficient but also eco-friendly, making them the preferred choice for various industries worldwide. Shapet Induction Company's skilled technicians and engineers worked continuously to improve their designs and technology, always staying ahead of their competitors. Today, Shapet Induction Company is a global leader in induction furnace manufacturing, with a reputation for excellence and innovation. Every furnace they make is a masterpiece, designed to meet the unique needs of their clients and exceed their expectations.

With 30 years of experience in induction furnace manufacturing, Shapet Induction Company has established itself as a licensed and ISO certified manufacturing firm. The company takes pride in its team of 80+ employees, 12 other staff members.

Our reputation has grown significantly in the jewelry industry, and we have served clients in India, UAE, Qatar, South Africa, Sri Lanka, Bangladesh, Nepal, and more. Some of our notable clients include Titan Industries Ltd (Tanishq), Reliance Jewellery, India government Mint, MMTTC, C Krishna Chetty & Sons Pvt Ltd, Abhran Jewellery, Khazana Jewellery, Kiran Jewellery, Derawala Word Jewellery, Malabar Gold, GRT, Emerald Industries, and many others..

COMPANY'S MISSION STATEMENT.

Our company's mission is to provide high-quality induction melting machines that meet the needs of our customers in various industries. We aim to deliver efficient and reliable machines that enable our clients to achieve optimal melting performance and productivity.

Our vision is to be a leading provider of induction melting machines in the industry, known for our innovative technology, exceptional customer service, and commitment to sustainability. We aim to contribute to the success and growth of our customers by helping them achieve their production goals with our state-of-the-art equipment

PRODUCTS AND SERVICES.

At Shapet Induction Company, we offer a wide range of high-quality products to meet the diverse needs of our customers.

Our product line includes:

- Induction Melting Furnaces: We provide state-of-the-art induction melting furnaces, which are used for melting various metals and alloys. Our furnaces are designed to offer fast, uniform, and controlled melting processes.
- Induction Casting Machine: Our bottom pouring machines are designed to meet even the most demanding needs in lost wax casting production of gold and silver. And the best part It's compatible with 3D printers!
- Gold bar Making Machine: The Shapet Vacuum Gold Bar-Making Machine is designed to produce quality gold and silver bars and bullion of customized weights and sizes. The entire casting process is conducted under vacuum and inert gas protection, which eliminates the possibility of oxidation, loss, shrinkage, and water wave. This machine is an ideal choice for those looking to make gold and silver bars and bullion with precision and accuracy.

WHY CHOOSE US



Quality Product : We Only Choose Famous Brand Electric Components For Production.



Experience Team : 50 Experienced Engineers Who Specialize In Product Design



Professional R&D Team : 15 Qualified Engineer in R&D To Develop Quality Products.



Customer Satisfaction : 30 Years Of Experience in Customer Service And Giving The Best Product



After Sales Service : We Will Give A Quick Response To Your Problem By Our Professional Engineer.

THE AWARDS RECEIVED.

Shape Induction Company is proud to announce that it has been awarded the prestigious Pride of Saurashtra Award. This award is a testament to the hard work, dedication, and innovation that the company has put forth in its efforts to provide the best products and services to its customers. Shape Induction Company is honored to receive this award, and looks forward to continuing to serve its customers with the highest quality products and services.

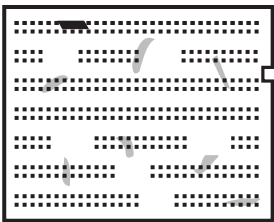
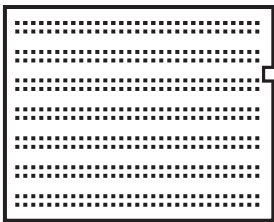
We are thrilled to announce that our company has been recognized as one of the Top 50 Technology & Machinery Companies in India for the year 2017. This prestigious award was presented to us by JTM (Jewellery Technology and Machinery Group), a renowned organization in the industry.

In addition to this remarkable achievement, we have also received the Certificate of Excellence Award from JTM. This further validates our dedication towards providing cutting-edge technology solutions and exceptional machinery for the jeweler industry.





Casting Methods

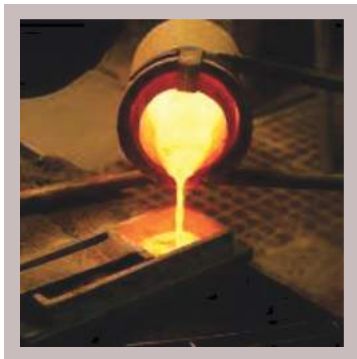
TRADITIONAL CASTING METHODS	INDUCTION CASTING METHODS
As there is resistance coil, chances of defusing of coil are frequent. Due to this oxidization the coil corrodes.	Coil is of heavy gauge hollow copper pipe having high temperature and double insulation. Due to circulation of cold water, the coil lasts for a very long time.
First melting usually takes as long as 30 to 45 minutes, hence the chances of oxidization are more and also there are chances of metal loss.	First melting takes only 10 to 15 minutes resulting in null oxidization and zero loss of metal.
In this method, the coil gets heated first and then the heating of crucible takes place followed by the metal heating, which results in loss of heat and metal.	In this method the metal heats with the help of frequency and so there is no loss of heat and metal.
Due to the heat loss the power consumption is always more.	Due to no loss of heat the power consumption reduces significantly.
As there is no stirring effect at the time of casting, the metal oxide goes directly in casting creating micro pores which come out at the time of finishing resulting in the presence of micro pores in the casting.	As there is auto stirring, all metal oxides come to the surface. As the machine is of bottom pouring method, during the casting, the metal becomes smooth and oxide free giving no place for pores to exist.
As there is no water circulation the temperature of the workshop unit remains hot for a very long time.	Due to chiller, the machine gets cooled within 2-3 minutes and the temperature of the workshop unit remains normal.
There is no auto stirring and the metal is stirred with the help of a carbon rod. The metal sticks to the carbon rod leading to loss of metal and also mixture of carbon with metal.	In this method there is auto stirring without the need of a carbon rod resulting in no loss of metal which remains pure during the entire process.
As there is no stirring effect, there is no perfect alloy distribution of copper and silver in gold (99.99%) and is not in uniform micro structure. Because of this there are chances of breaking of light weight jewellery and studded jewellery and also loss of carat value. (refer diagram shown below)	Due to the automatic stirring effect there is perfect distribution of copper and silver to be mixed with gold (99.99%). This perfect mixture helps the light weight jewellery and studded jewellery to remain strong for a longer period of time and also giving it a high carat value. (refer diagram shown below)
<div><p>Copper & Silver</p><p>Gold Base Alloy</p></div>	<div><p>Copper & Silver</p><p>Gold Base Alloy</p></div>
During the second melting process the heat is excessively spread out so it is very difficult to put metal in the form of dust or scrap in the crucible. This requires putting the dust from a safe distance to avoid the heat which may result sometimes in dropping of dust and also loss of metal.	Here there is no heat spread; hence it is very easy to add the metal dust. Therefore there is no metal loss.

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Mini + Induction Machine

Our Mini+ induction-based gold melting machine, designed for efficiency and compactness, is ideal for jewelry showrooms and small-scale operations. With a capacity ranging from 250g to 1kg, it offers precise and rapid melting of gold. Its tabletop design ensures space-saving convenience without compromising on performance. The machine's advanced induction technology ensures energy efficiency and minimal heat loss, making it cost-effective and environmentally friendly. Perfect for melting gold swiftly and safely, the Mini+ guarantees consistent quality and reliability, making it an indispensable tool for jewelry professionals.



Mini + Induction Machine			
Spacification	250 Gram	500 Gram	1 kg
Power Supply	Single Phase	Single Phase	Single Phase
voltage	230 VAC	230 VAC	230 VAC
Max. Power (KW)	3 KW	3.5 KW	4 KW
Applicable Metal	GOLD, SILVER	GOLD, SILVER	GOLD, SILVER
Max. Capacity	24 K GOLD 250 GRAM , 925 SILVER 100 GRAM	24 K GOLD 500 GRAM , 925 SILVER 250 GRAM	24 K GOLD 1 kg , 925 SILVER 500 GRAM
Max. Temperature	1150 C	1150 C	1150 C
Melting Time	4 - 6 Min	6 - 8 Min	12 - 15 Min
Temp.Measurement	K TYPE	K TYPE	K TYPE
Water Pressure	3 BAR	3 BAR	3 BAR
Dimension (in inch) (L X W X H)	24 x 22 x 23	24 x 22 x 23	24 x 22 x 23
Weight	50 KG	50 KG	50 KG

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Single PH Melting Machine

Our induction-based gold/silver melting machine (1 phase) with an inbuilt crucible storage box is designed to enhance efficiency and reduce oxidation during metal melting processes also a high-temperature working area sheet that ensures operator safety and comfort.

This compact yet powerful machine ensures precise, efficient melting operations, making it ideal for jewelers and metalworkers seeking reliability and superior results. Reduce downtime and increase productivity with our state-of-the-art melting solution, designed for optimal performance and durability.

1 PH Induction Machine

Spacification	500 Gram	1 kg	2 kg	4 kg
Power Supply	Single Phase	Single Phase	Single Phase	Single Phase
voltage	230 VAC	230 VAC	230 VAC	230 VAC
Max. Power (KW)	3.5 KW	4 KW	7 KW	8 Kw
Applicable Metal	GOLD, SILVER	GOLD, SILVER	GOLD, SILVER	GOLD, SILVER
Max. Capacity	24 K GOLD 500 GRAM , 925 SILVER 100 GRAM	24 K GOLD 1 kg , 925 SILVER 500 GRAM	24 K GOLD 2 kg , 925 SILVER 1 Kg,	24 K GOLD 4 kg , 925 SILVER 2 Kg
Max. Temperature	1150 C	1150 C	1150 C	1150 C
Melting Time	6 - 8 Min	10 - 12 Min	12 - 14 Min	12 - 14 Min
Temp.Measurement	K TYPE	K TYPE	K TYPE	K TYPE
Cooling Water Temp.	20 TO 35 C	20 TO 35 C	20 TO 35 C	20 TO 35 C
Water Pressure	3 BAR	3 BAR	3 BAR	3 BAR
Dimension (in inch) (L X W X H)				
Melting Totel Height With Chiller / Cooler	20 x 19 x 41	20 x 19 x 41	20 x 19 x 41	20 x 19 x 41
Machine Weight	39 KG	39 KG	39 KG	39 KG
Chiller Weight	43 KG	43 KG	43 KG	43 KG
Cooler Weight	32 KG	32 KG	32 KG	32 KG



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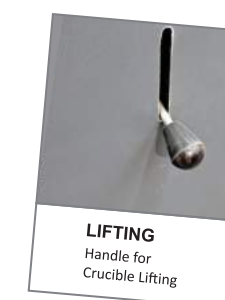


3HP Melting Machine

Our 2 kg to 5 kg induction-based gold/silver melting machine is designed for precision and efficiency in precious metal melting. Using advanced electromagnetic induction technology, it ensures rapid heating with precise temperature control, ideal for melting gold and silver. Its compact design and user-friendly interface make it suitable for both small-scale workshops and industrial use. Benefits include reduced energy consumption, minimal heat loss, precise temperature settings, and quick melting times, enhancing productivity while maintaining high-quality results.

3 PH Induction Machine

Spacification	2 KG	4 KG	5KG
Power Supply	Three Phase	Three Phase	Three Phase
voltage	415 V AC	415 V AC	415 V AC
Max. Power (KW)	7 kw	7.5 kw	10 kw
Applicable Metal	GOLD, SILVER, COOPER	GOLD, SILVER, COOPER	GOLD, SILVER, COOPER
Max. Capacity	24 K GOLD 2 kg , 925 SILVER 1 Kg,	24 K GOLD 4 kg , 925 SILVER 2 Kg	24 K GOLD 5 kg , 925 SILVER 2.5 kg
Max. Temperature	1150 C	1150 C	1150 C
Melting Time	6- 7 min	5 - 6 min	10 min
Temp.Measurement	K TYPE	K TYPE	K TYPE
Cooling Water Temp.	22 C	22 C	22 C
Water Pressure	4 BAR	4 BAR	4 BAR
Dimension (in inch) (L X W X H)			
Machine	20 X 22 X 33	20 X 22 X 33	20 X 22 X 33
Chiller	24 X 24 X 33	24 X 24 X 33	24 X 24 X 33
Machine Weight	80 KG	80 KG	80 KG
Chiller Weight	100 KG	100 KG	100 KG



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10kg To 60kg Melting Machine

10kg To 60kg Melting Machine

Specification	
Power Supply	Three Phase
voltage	415 V AC
Max. Power (KW)	
Applicable Metal	GOLD, SILVER, COOPER
Max. Capacity	10 kg to 60 kg
Max. Temperature	1150 C
Melting Time	15 min to 40 Min
Temp.Measurement	K TYPE
Cooling Water Temp.	35 C
Dimension (in cm) (L X W X H)	
Machie	80 x 60 x 113 (cm)
Chiller	84 x 59 x 105 (cm)
Machine Weight (APPROX)	79
Chiller Weight (APPROX)	131



Introducing our advanced 10 to 60 kg gold/silver melting machine, equipped with cutting-edge IGBT technology. Designed for efficient and reliable performance, this melting machine ensures rapid and uniform heating, optimizing the melting process for precious metals. The Induction technology enhances energy efficiency, reducing power consumption while maintaining high melting speeds. Its user-friendly interface and robust construction ensure durability and ease of operation, making it ideal for high-volume production. Benefits include precise temperature control, improved thermal efficiency, and a longer service life, ensuring consistent and high-quality melting results for gold and silver.

Features :

- Efficiency :** Induction melting machines are highly efficient, converting almost all electrical energy into heat due to their direct heating method.
- Precision :** They provide precise control over the melting process, allowing for accurate temperature management.
- Speed :** Rapid heating and melting times compared to traditional methods like gas/oil furnaces.
- Cleanliness :** No combustion involved, which means minimal emissions and cleaner operation.
- Safety :** Reduced risks of accidents or contamination since there are no open flames or combustion by-products.

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Type of Tilting

MANUAL TILTING

A gear tilting machine for gold melting is a specialized piece of equipment designed for the efficient and safe melting of gold and other precious metals.

This machine features a tilting mechanism operated by a gear handle, allowing for precise control during the pouring process.

It is widely used in industries such as jewelry manufacturing, gold refining, and metallurgy.



MOTOR TILTING

The Motorized Tilting Machine for Gold Melting is an advanced and robust solution designed for professional goldsmiths and metalworkers.

The ingenious construction brings the convenience for the tilting controller. The machine set the tilting remote control with tilting speed adjustment. This state-of-the-art equipment ensures efficient, safe, and precise melting and pouring of gold and other precious metals.

Equipped with motorized tilting capabilities, it enhances operational convenience and reduces manual labor, making it an indispensable tool in modern metalworking environments.



HYDRAULIC TILTING

The medium frequency induction power supply ranges from 15kw to 60kw with advanced IGBT technology.

The machine construction ensures the furnace with lifelong working and reliability.

The tilting function is controlled by a hydraulic box with remote panel trolley. It highly improves the furnace stability and operator's safety.

If you request high-quality performance in the melting process, this furnace will be your ideal choice.



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GOLD BAR

Casting Machine

3 PH Induction Machine	
Spacification	
Power Supplier	Three phase
Voltage	415 volt ac +/- 10%
Absorbed Power	14 KW
Melting Time	230 second
Cooling Time	450 Sec
Control System	PLC Based
Operation Modes	Manual & Auto Mode
Inter Gas	Argon
Gas Pressure	Maximum Pressur 1 PSI
	25° C Max
Air Compressor Needed	2.7 CFM (Min.)
Air Pressure	6-8 Bar (Min.)
Air Vacuum Pressure	1 Bar
Vacuum Pump	650 LPM
Pump Power	1 PH or 3 PH both typer of puncan be attach
Vacuum Pressure	-13 PSI (During Vacuum Process) -9 PSI (During Melting Process)
Capacity	100GM x 4 Bar / 1 KG x 1Bar
Chiller Capacity	2 TON



EASY CASTING
RAPID SMELTING
SMOOTH & SHINY

SAFETY FEATURES

- Safety measures for gas are taken care by electronically operated solenoid valves and pressure release valves operating when reaching Max recommended pressures.
- Machine will stop all operations and activate exhaust valve and bring crucible up in case of any errors sensed by plc such as:
 - Water Fail - (If water supply fails or water pressure drops).
 - Over Heat - (if water temperature increases in IGBT Plate (temp above 50°C) and Induction Coil (temp above 80°C).
- Trip - In case of Inrush current detected or IGBT/Driver Card failure.
- Under Volt - In case of incorrect phase sequence or in case of any phase failure.
- Electricity failure - in case of electricity failure die will automatically come up and manual exhaust valve is provided to normalise chamber pressure.

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GOLD BAR CASTING MACHINE

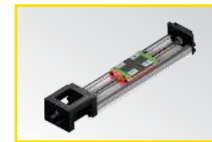


MODEL	45 KW	25 KW
Power source	Three phase 415 VOLT AC +/- 10%	Three phase 415 VOLT AC +/- 10%
Power	45 kw	25 kw
Control system	PLC	PLC
Applicable metal	Gold and silver	Gold and silver
Cooling Water Temp.	25 C	25 C
Casting time	About 18 mins (melting Time=8 min and Cooling Time=10 min)	About 18 mins (melting Time=8 min and Cooling Time=10 min)
The Max capacity	4 pcs of 1kg bar or 20 pcs of 100gm bar	2 pcs of 1kg bar or 12 pcs of 100gm bar
Protective gas	Nitrogen or argon	Nitrogen or argon
Vacuum pump	650 LPM	650 LPM
Vacuum Pressure	-13 PSI (During vacuum Process) -9 PSI (During Melting Process)	-13 PSI (During vacuum Process) -9 PSI (During Melting Process)
Heating technology	Induction heating	Induction heating
Operationing Mode	Auto and manual mode	Auto and manual mode

Graphite Mold For
Gold / Silver
Bar Casting Machine



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HEAVY LINEAR GUIDE



PRECISE MOVEMENT

PRESENTING THE NEXT GENERATION OF DLP PRINTER

ADDING DIMENSIONS TO

Your Ideas

- ▶ 120mm x 68mm x 180mm Build Volume
- ▶ 62.5 microns X/Y resolution
- ▶ 10 microns Z resolution
- ▶ 485 cm³ speed
- ▶ Powerful UV light engine
- ▶ 1920 x 1080 Full HD Resolution

ADDING DIMENSIONS TO YOUR IDEAS



ACTIVE CARBON AIR FILTER



RESIN TRAY



USER FRIENDLY CONTROL



VIRINCHI DLP PRINTER

Introducing VIRINCHI DLP printer that uses high power intensity ultraviolet light engine with full HD resolution processing DLP technology. Print detailed accurate part with an accuracy of 25 micron with smooth surface finish. With combination of high speed brushless motor and high intensity light engine, printing process is faster than ever before. User friendly control of machine makes control easier and comfortable. Super active carbon air filter ensures odor and toxic free environment in printing process.

SHAPET
INDUCTION COMPANY

Innovating Induction Systems



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Why

graphite crucibles is necessary for Gold? Graphite crucibles are essential tools in the gold melting industry. Their unique properties make them highly suitable for high-temperature (650 °C to 1700 °C) applications, including melting precious metals like gold. This draft outlines the benefits and specifications of graphite crucibles, emphasizing their importance in the gold melting process.



Available Grades GLM,XL,ISO

Our Organization Is Engaged In Manufacturing Of Graphite Crucibles With Ceramic Envelope. We Have Associated Ourselves With Some Of The Renowned Vendors Of The Industry To Procure Only Factory-tested Raw Material. Our Team Also Use Cutting-edge Technology To Make The Consignments. Customers Can Avail Range Of Products In Various Specifications.

SPECIFICATION

- High Thermal Conductivity :- Graphite crucibles offer excellent thermal conductivity, allowing for even heat distribution. This property ensures efficient melting of gold, reducing energy consumption and time required.
- High Temperature Resistance :- Capable of withstanding extreme temperatures, graphite crucibles can handle the high melting point of gold (1064°C or 1947°F) without degrading or melting themselves.
- Chemical Inertness :- Graphite is chemically inert and resistant to most acids and alkaline substances, ensuring that the crucible does not react with molten gold. This purity is crucial for maintaining the quality of the melted gold.
- Durability :- Graphite crucibles are known for their durability and can endure multiple cycles of heating and cooling. This longevity makes them a cost-effective option for gold melting operations.
- Minimal Metal Contamination :- Due to their high purity and inert nature, graphite crucibles minimize the risk of contaminating the gold with other metals or impurities during the melting process.
- Ease of Use :- Graphite crucibles are relatively easy to handle and clean, which enhances operational efficiency in gold melting processes.

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Advanced Technology for Jewelry

3 in 1 Melting, Casting & Powder Vacuum

3 IN 1 Melting, Casting & Powder Vacuum

Spacification

Power Supply	Single Phase / Three Phase
Voltage	230 VAC / 415 VAC
Absorbed Power	5 KW to 8 KW
Capacity of Crucible	1 kg, 2 kg. & 3 kg.
Maximum Temperature	1150 °C
Melting Time	4 - 6 Min. + +
Temperature Measurement	K Type

Dimension (In cm) (L X W X H)	Weight	Size
Machine (Approx)	70 Kg.	32 X 24 X 32

Benefits

Small, Safe, Easy and sturdy model.
Low power consumption.
Economical and efficient in operation,
single phase.
No combustion or waste product.



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2 IN 1 Melting & Casting

Spacification

Power Supply	Single Phase / Three Phase
Voltage	230 VAC / 415 VAC
Absorbed Power	6 KW to 9 KW
Capacity of Crucible	1 kg, 2 kg. & 3 kg.
Maximum Temperature	1150 °C
Casting Time	6 Min to 10 Min
Temperature Measurement	K Type
Cooling Water Temperature	20 to 35 °C
Water Pressure	3 bar
Maximum Water Flow	3 Lit per min

Dimension (In cm) (L X W X H)	Weight	Size
Casting Unit (Approx)	145 Kg.	82 x 61 x 103
Chilling Unit (Approx)	100 Kg.	61 x 61 x 81
Vacuum Pump (Approx)	51 Kg.	63 x 25 x 36

Highlights

Accurate casting temperature controlling
Advantage of vacuum casting hence optimal results
All safety precautions provided
Consistent quality of casting
Creative and innovative technology
Instant heating with finger tip controls
Less oxidation casting due to bottom pouring
Reduced casting expenses
Use for casting & melting also (both use)

Benefits

Safe & Easy operation
Faster, economic and accurate castings
Convenient layout
Perfect mixing of alloys due to auto stirring
Economical and efficient in operation
No products of combustion or waste product
Increased productivity
Income Tax Depreciable Under Energy
Saving - Flameless Device Category

SHAPET GOLD VACUUM CASTING INDUCTION FURNACE. Due to induction current constantly circulating in the coil, the metal stirs automatically hence creating a perfect mix of alloys with gold to provide much superior quality of metal to prepare the finished piece of jewellery.

SHAPET GOLD VACUUM CASTING INDUCTION FURNACE. Provided with CHILLING UNIT that helps to eliminating coil burnouts, which is frequent with other electrical furnaces.

SHAPET INDUCTION SYSTEM is also designed to work in individual modes of melting & casting. It also has the capabilities to work in auto and manual mode to suite the different casting cycles. Along with the chilling unit it can be used again and again for any number of cycles continuously.

2 in 1 Melting & Casting





GOLD & SILVER JEWELRY PRESSURE CASTING MACHINE

Gold & Silver Jewelry Pressure Casting Machine

Specification	
Power source	Three phase 415 50/Hz
Power	8.5 kw
Casting system	Vacuum pressure casting system
Applicable metal	Gold, Silver, Copper, Brass, Bronze and their alloy
Melting time	3-5 min
The max capacity	24k Gold : 2.0 kg
	18k Gold : 1.5 kg
	925 Silver : 1.0 kg
Max. temp control k-type	1150 °C
Dimension	986 x 1030 x 1250
Weight	260 kg approx
Control of temperature	by PID
Pressure applied	Maxp 0.2 Mpa
Protective gas	Nitrogen or Argon
Vacuum pump	650 LPM
Oscillation	Induction heating
Max flask size	D-102 x H170 mm
Ultimate vacuum	-1 bar
Pressure differential casting	Yes
Vacuum filter	Yes
Flask and chamber lift	Yes



Benefits

- Superior Quality** : Produces high-quality castings with excellent surface finish and minimal porosity.
- Increased Productivity** : Automates the casting process, reducing manual labor and increasing throughput.
- Cost-Effective** : Reduces gold wastage and rework, saving material costs.
- Versatile** : Suitable for a variety of gold alloys and other precious metals.

OTHER CASTING MACHINERY...



BURNOUT FURNACE WITH PROGRAMMABLE TIMER

- Size : 20 x 20 x 20 Inches (Internal)
- Power Supply : Single Phase
- Maximum Temperature : 0° – 850 °C
- Weight : 80 kg.
- Power Consumption : 6 KW
- Programmable Timer : Maximum 9 Steps
- Temperature Measurements : 'K' Type Thermocouple



WAX INJECTOR WITH AUTO CLAMP & MANUAL FACILITY

- Power Supply : AC 220V 50Hz/60Hz
- Power Consumption : 510 W
- Size : 450 X 310 X 450 MM
- Weight : 22 kg. Approx
- Temperature : 55 °C
- Head : 8 mm
- Compressor : 0.4 – 0.7 MPA, 0.2 MPA
- Fuse : 5 Amps
- Wax capacity : About 3 kg.
- Temperature Precision : $\pm 0.2^{\circ}\text{C}$
- Temperature adjusting range : 40-99.9 °C
- Temperature display range : 40-99.9 °C
- Setting Time range For Vacuum : 0-24.9 second
- Setting Time range For Wax Injection : 0-24.9 second
- Time Range : 0-99.9 Hour



POWDER VACCUM MACHINE

- Model : DP 30 OL
- Capacity : 30 M³/Hr (500 LPM)
- Oil Capacity : 1 liter
- Max Vacuum : 0.5 Mbar
(With Closed Gas Ballast By McLeod Gauge)
- Water Vapour Tolerance : 30Mbar
- Water Vapour Capacity : 250kg/hr (with open gas ballast)
- Recommended Motor : 1.5 HP 3Phase or Single Phase



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Innovating Induction Systems



OTHER
CASTING
MACHINERY...

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DE-WAXING UNIT

- ON – OFF Switch
- Indicator
- Contactor
- Heater : Single Phase/ Three Phase
- Time : 1 To 1.5 Hours
- Weight : As per design
- Body Structure : S. S. material



COMPRESSOR



- Capacity : 36 Liter
- Power Supply : Single Phase
- Maximum Working Pressure : 4kg / cm²
- Hydraulic Test Pressure : 7kg / cm²
- Disc thickness : 3 mm
- Shell Thickness : 3 mm
- Motor : 0.5 - HP
- KW : 0.37
- AMP : 6
- Volts : 200/230 – 50 Hz
- RPM : 1440

WATER JET UNIT

- Full S. S. Body
- 300 PSI Pressure
- 1.5 HP motor
- Pressure pump : 432 RPM
- Suction capacity : 22 LPM
- Motor volts : 400/440
- Motor : 1440 RPM
- Manually pressure adjust



DIE PRESS

- Power Supply : Single Phase
- Voltage : 230 VAC
- Absorbed Power : 500W
- Maximum Temperature : 300 °C
- Plate Size : 8 Inch
- Timer : 1 hour (Max.)
- Weight : 28 kg (Approx.)



SHAPET
INDUCTION COMPANY

Innovating Induction Systems ➤ ➤ ➤ ➤

OTHER
CASTING
MACHINERY...

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BUFF POLISHING MACHINE WITH DOUBLE AND SINGLE STAGE



- Vacuum Blower Motor : 1.5 HP / 2800 RPM
- Buff Motor : 0.75 HP both side
- Vacuum Filter : 20 Pocket
- Body : MS Body Powder Coating
- Size (Inch) : 31 X 26 X 40



MAGNETIC POLISHER



- Capacity : 1 kg.
- Power : Single Phase
- Size (Inch) : 14 X 14 X 14
- Tub Size : 10"
- Auto reverse forward : Auto system
- Motor : 0.5 HP
- Material : 500 gm S.S. Media

VIBRATING MACHINE

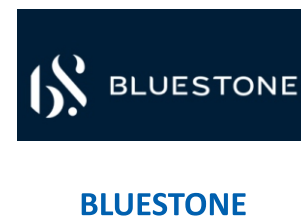
- Capacity : 1 kg.
- Power : Single Phase
- Motor : 0.25 HP / 2800 RPM
- Tub Size (Inch) : 10 (L) x 6 (B) x 6 (H)
- Body Size (Inch) : 18 (L) x 14 (B) x 19 (H)
- 10 kg. S. S. Media : 1 kg. Material



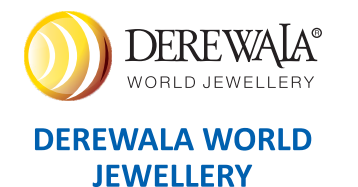
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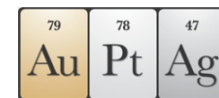
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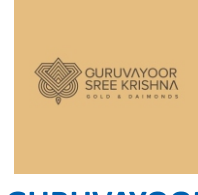
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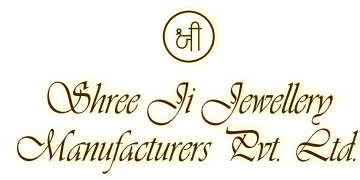
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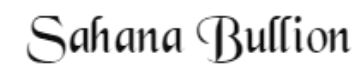
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