



**RAJESH
INDIA**
MANUFACTURING PVT. LTD.

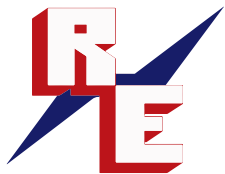
"Rajesh India is the right choice with excellent work"

An ISO 9001 : 2015 Certified Company

Leading Manufacturer of Precious Metal Refinery Machines

MADE WITH PRIDE IN INDIA

Formerly Known as



Rajesh Enterprises



www.rajeshindiamfg.com
www.goldrefineryunits.com



MR. RAJESH PHULE
Managing Director

Mr. Rajesh Phule hails from Maharashtra. He Moved to Mumbai and established Rajesh India Manufacturing Pvt. Ltd. / Rajesh Enterprises in 2007 with the objective of becoming world's leading manufacturer in precious metal refinery. His continuous efforts in development of technology and innovation has brought immense value to its stakeholders.

About Us

Rajesh India Manufacturing Pvt. Ltd. / Rajesh Enterprises is a globally renowned company, accredited with BIS and ISO 9001:2015. Since the inception we have installed more than 4000 machines across India and overseas. Our objective is to become a trendsetter in the precious metal refining industry, optimize growth of our organization as well as our stakeholders

Our Mission

Profitable growth through superior customer service, innovation, quality and commitment. We prioritize providing value added solutions and responsive service to our customers

Our Vision

Our vision is to build a machine that enables us to become world leader in precious metal refining industry with a strong emphasis on productivity, customer satisfaction, safety, health and environment in refining industry across the globe.

Why Rajesh India Manufacturing ?

Rajesh India Manufacturing Pvt. Ltd. / Rajesh Enterprises is a well-known brand in precious metal refining not only in India but overseas as well. We have a strong market presence with more than 4000 satisfied customers.

Rajesh India Manufacturing Pvt. Ltd. / Rajesh Enterprises was established in 2007 by Mr. Rajesh Phule with the aim of providing superior product value, innovation and commitment to excellent customer service. We offer over 15 products and have a strength of 180+ employees including skilled engineers, efficient technicians, dedicated backend team, innovative in-house designing team and hardworking laborers to provide best in-class value to customer.

We specialize in offering customized solutions with the help of in-house designing and production setup. We have 7 service centers across India to provide prompt 24x7 pre and after sales service.

Our team is dedicated to maintain the quality standard, certified procedures and reducing the cost without compromising in quality. We believe in innovation, adapting new technology and keep up with the trend in the VUCA world.

PRECIOUS METAL REFINERY PLANT



Specification & Highlights

This machine efficiently refines old gold in any form such as old ornaments, doré bar, polishing dust, buffing dust, filing dust, or any other form, results of refining will achieve 999+ purity as per testing report and segregate all other impurities mixed in gold such as silver, iridium, ruthenium, osmium, zinc, etc. This machine is made with the objective of human safety hence the fumes generated from machine pass through condenser penetrate in scrubber and get out from the outlet in the form of non-polluted odorless transparent air. This machine can be managed by a single person post training. Our engineer will come to your location to provide training. The whole process of refining takes 4 hours & the refining cost comes to Rs.550 per Kg. including all raw material chemicals & power consumption. High-quality motor, pumps and fitting gives this machine very low maintenance. This machine is beneficial to the manufacturer, jewelry shop, and gold exchanger

- Available capacity 1 to 1000kg
- No foul smell, 100% pollution free
- Minimum area required for installation
- Dissolution tank for longer durability
- No loss of metal during process
- Single person operating system
- No bare hand touching or sniffing chemical
- Safe & secure
- With auto heating / cooling attachment
- All motors & pumps are of imported quality
- Scrubber unit PH7 approved
- No vibration, no sound
- Triple cycling condenser
- Best use for bullion market exchange
- Refining cost approx. Rs.550 per kg
- Non-corrosive material
- High durability & lifespan
- Automatic with control panel
- 999+ purity result as per testing report
- Chemical flooring

Used for: Raw Gold / Dore Bar / Polishing Dust / Buffing Dust / Filing Dust Process: Aqua Regia/Nitric Suitable for: Gold Exchange / Jewelry Showroom / Jewelry Manufacturer / Mines

PRECIOUS METAL REFINERY PLANT

RI 23 Model

In RI 23 MODEL the reaction vessel or Drum can rotate 360 degree, EITHER CLOCK WISE or ANTI CLOCKWISE. To get mixed the reaction mass well. We provide TUMBLER with a stand and platform so that operator can easily walk from one point to other. Safety Base Tray has been provided.



PRECIOUS METAL REFINERY PLANT



RI 24 Model

RI 24 MODEL is another exclusive model. It has Tank with more life span. RI 24 MODEL is suitable for refining gold. It is also very useful for jewellers. RI 24 MODEL can refine double of it's capacity as cycling process is applied.

Prime Model

1 KG TO 1000 KG Gold Refinery With Any Desired Capacity as per customer's requirement No Smell, No Smoke, 100 % Pollution free, No Vibration, No Sound Purity of 999+ and 100% Recovery Compatible to be used in showroom and jewellery shops.



Platinum Model

PLATINUM MODEL can be termed as Economy Model because PLATINUM MODEL is best suitable and advisable for small scale refineries, can fit in small area and with low budget. PLATINUM MODEL is capable of removing all impurities in gold. PLATINUM MODEL also uses cycling process so as to refine gold to double of its actual capacity.



Specification & Highlights

This machine efficiently refines old silver in any form such as old ornaments, Dorebar, polishing dust, buffing dust, filing dust or any other form, results of refining will achieve 999+ purity as per touch report and segregate all other impurity mix in Silver, such as Gold, Copper, brass etc. this machine is made considering human safety, hence fumes generated from machine pass through condenser penetrate in scrubber & get out from the outlet in the form of non-polluted odorless transparent air. And this machine can be managed by single person without any prior knowledge. Our engineer will visit your place & will give you full training & support. refining cost comes to Rs.240 Per Kg. including all raw material chemicals & power consumption. High quality motor & pumps & fitting give this machine very low maintenance.

This Machine is beneficial to the manufacturers, Jewellery shop owners, Silver exchangers.

- Available capacity 10 to 1000kg
- Scrubber unit PH7 approved
- No foul smell, 100% pollution free
- No vibration, no sound
- Minimum area required for installation
- Triple cycling condenser
- Stainless steel chemical grade dissolution tank for longer durability
- Best use for bullion market exchange
- All motors & pumps are imported quality
- Refining cost approx. Rs.240 per kg.
- No loss of metal during process
- Non-corrosive material
- Single person operating system
- High durability & lifespan
- No bare hand touching or sniffing chemical
- Automatic with control panel
- Safe & secure
- 999+ purity - result as per testing report
- With auto heating / cooling attachment
- Chemical flooring

The most common form of silver is sterling silver. This is actually only 92.5% pure silver, with the other 7.5% made up of other precious metals including copper.

SILVER REFINERY ELECTROLYSIS PLANT



The electrolytic silver refining process uses electricity to refine impure metals.

The process involves:

1. Dissolving the silver anodes in a nitric acid bath
2. Collecting pure silver on the cathodes
3. Sending copper and other metals forming soluble nitrates into the bath
4. Leaving gold and other insoluble metals as a sponge on the anodes
5. The resulting silver is about 99.9% pure.



SILVER TITRATION



Features:

1. Corrosion resistance fiber body
2. 7" touch screen TFT Display
3. Stirring with digital display.
4. Cordless mouse can be used.
5. USB Port for Printer provided for direct printout without using PC.
6. Pen drive connectivity.
7. GLP Compliance Document Report with Time, Date, Titration number & Sample identification number facility.
8. Result directly in % & purity with built in formulae
9. Automatic burette recognition.
10. 100 Reports (all formats-Result, Parameter, Document etc) can be stored.
11. Peripheral Interface: USB(3), RS232



**PP / PVC / PPH / FRP SCRUBBER
FUME CONTROL & ACID NEUTRALIZED SCRUBBER**



Vertical Heavy Duty Scrubber



Triple Tower Scrubber



Four Tower Heavy Duty Scrubber



Four Tower Scrubber



Triple Tower Scrubber



Six Tower Scrubber

**PP / PVC / PPH / FRP SCRUBBER
FUME CONTROL & ACID NEUTRALIZED SCRUBBER**



Triple Tower Scrubber



Six Tower Scrubber Heavy Duty



Triple Tower Nitric Scrubber



Closed Types Scrubber



Heavy Duty Scrubber



PP FRP Scrubber



Single Tower Scrubber



Eight Tower Heavy Duty Scrubber

SS REACTOR / VESSEL / FILTER USED FOR GOLD / SILVER DISSOLUTION / NITRIC EQUATION



SS Reactor is used for chemical dissolution process of gold and silver using aqua regia and nitric respectively. It comes with auto heating/cooling system for ease of use.



Nitric Process
Cooker Type Vessel



Open Type
Vessel



Granule Making



Nitric Process
Cooker Type Vessel



Open Type Vessels



Reactor



Reactor



Reactor



Vertical Vessel

**CHEMICAL TANKS / FILTER/BLOWER / PIPELINE /
SULPHURIC ACID UNIT / FUME HOOD ETC.**



FILTER UNITS



Filter Unit



Filter Unit

STORAGE TANKS



Chemical Storage Tank

BLOWERS



PP Blower



PP Blower Heavy Duty



FRP Heavy Duty Blower

FUME HOOD UNITS



PP Hood



Dust Burning Hood



PP Fume Hood with scrubber

GAS FURNACE / BHATTI



PP PRESS MACHINE



MELTING MACHINES



Gold Induction
Melting Machine



Gold Electrical
Melting Machine



Gold Electrical Melting Machine



Gold Dryer

EFFLUENT TREATMENT PLANT (WASTE CHEMICAL WATER TREATMENT PLANT)



Effluent Treatment Plant or ETP is particularly designed to purify industrial waste water for its reuse and release safe water to environment from the harmful effect caused by the effluent.

The principle of operation of ETP is Physico-Chemical treatment followed by Polishing Treatments like -Sand Filtration, Activated Charcoal treatment (Absorption), Ozonisation (Chemical Oxidation), Ultra Filtration (UF), Reverse Osmosis (RO) and evaporation (If required).

We provide ETP starting from 200 litres upto 10,000 litres basis requirement. The plant design is compact and easy handling sludge system.



OUR PRODUCTION UNIT



OUR INFRASTRUCTURE



SERVICE & SUPPORT

Rajesh India Manufacturing Pvt. Ltd. / Rajesh Enterprises is known for quality and customer oriented service. We are ISO certified & BIS accredited company. Our customers are based not only in India, but in other countries too. We are in the industry from last 1.5 decade. Our service begins with the moment you start talking to us continuing for initial enquiry to fulfillment of your order, we customize product as per customers need, provide installation & training and serve throughout the life of your product.

SERVICE BRANCHES

Mumbai (H.O.) | Ahmedabad | Delhi |
Hyderabad | Chennai | Bengaluru | Lucknow | Kolkata

GET IN TOUCH WITH US



Plot No.: 4, Poman Village Road, Near Universal College of Engineering, Kaman
Bhiwandi Main Road, Off HP Petrol Pump, Behind Vasai Frozen Foods, Vasai
East - 401208, Mumbai, Maharashtra

MANAGING DIRECTOR

+91 96995 50124 / +91 91686 26224

SALES

+91 91686 26222 / +91 96657 69998 / +91 93721 79891 / +91 72767 37049

E-MAIL

sales@rajeshindiamfg.com / management@rajeshindiamfg.com

CUSTOMER CARE

+91 70288 87124 / +91 96071 82333 / +91 99705 55697

FEEDBACK E-MAIL

customercare@rajeshindiamfg.com

WEBSITES

www.goldrefineryunits.com / www.rajeshindiamfg.com