



# COMPANY PROFILE



REVOLUTIONARY • RELIABLE • RESPONSIBLE



[www.rashmigroup.com](http://www.rashmigroup.com)

# ABOUT OUR COMPANY

## THE RASHMI GROUP

A Legacy of Reliability and Trust

The name Rashmi Group embodies genuine entrepreneurial spirit. It all commenced with Sajjan Kumar Patwari who took a plunge to contemplate the seemingly impossible, establishing the groundwork for a company destined to evolve into a global enterprise. This enterprise aspired to forge assets for a nation, sustain for future generations, and be an international standard for future corporations, while upholding work ethics that remain pertinent even in present times.

Rashmi Group is a global conglomerate with offerings in more than 29 countries, boasting a workforce of over 20,000 employees and a presence in over 10 nations. The group's revenue stands at USD 3.5 billion, with USD 0.96 Billion investment in its manufacturing facilities. It holds a prominent position as a global leader in various industries. The combined market capitalization of the 29 companies listed under the Rashmi Group amounts to USD 1.6 Billion.

Presently, we have established warehouses and sales & support centers at the following international locations:

- Singapore - Rashmi Aqua Pte.Ltd.
- United kingdom - Rashmi Metaliks UK Limited, (London)
- United Arab Emirates - Rashmi Pipes and Fittings Fzco, Jafza, Dubai.

This expansion reflects our commitment to fostering international relationships and embracing a truly global approach.



# THE SPIRIT OF ENTERPRISE OF THE RASHMI GROUP

“Our mission is to enhance the well-being of the communities we serve worldwide by fostering value, rooted in leadership with trust.”

Established by **Mr. Sajjan Kumar Patwari** in 1966, and headquartered in India, the Rashmi Group is a reliable global entity. Operating in over 29 countries spanning 3 continents, the Rashmi Group has, for more than half a century, been synonymous with robust governance and sustainable business practices. Fueled by a dynamic entrepreneurial spirit, the Rashmi Group has catalyzed the arrival of numerous globally significant industries, including **DI Pipes, TMT Bars, Pig Iron, Wire Rods, MS Billets, Sponge Iron, Sinter, Ferro Alloys, Pellet Plant, and Cement to Laptops, Notebooks, All-In-One PCs, Nitrile gloves, Bio Fuels, and even Dredging**, among others. A substantial portion of Rashmi Group of Companies are frontrunners on a global scale, influencing lives even in the remotest corners of the globe.

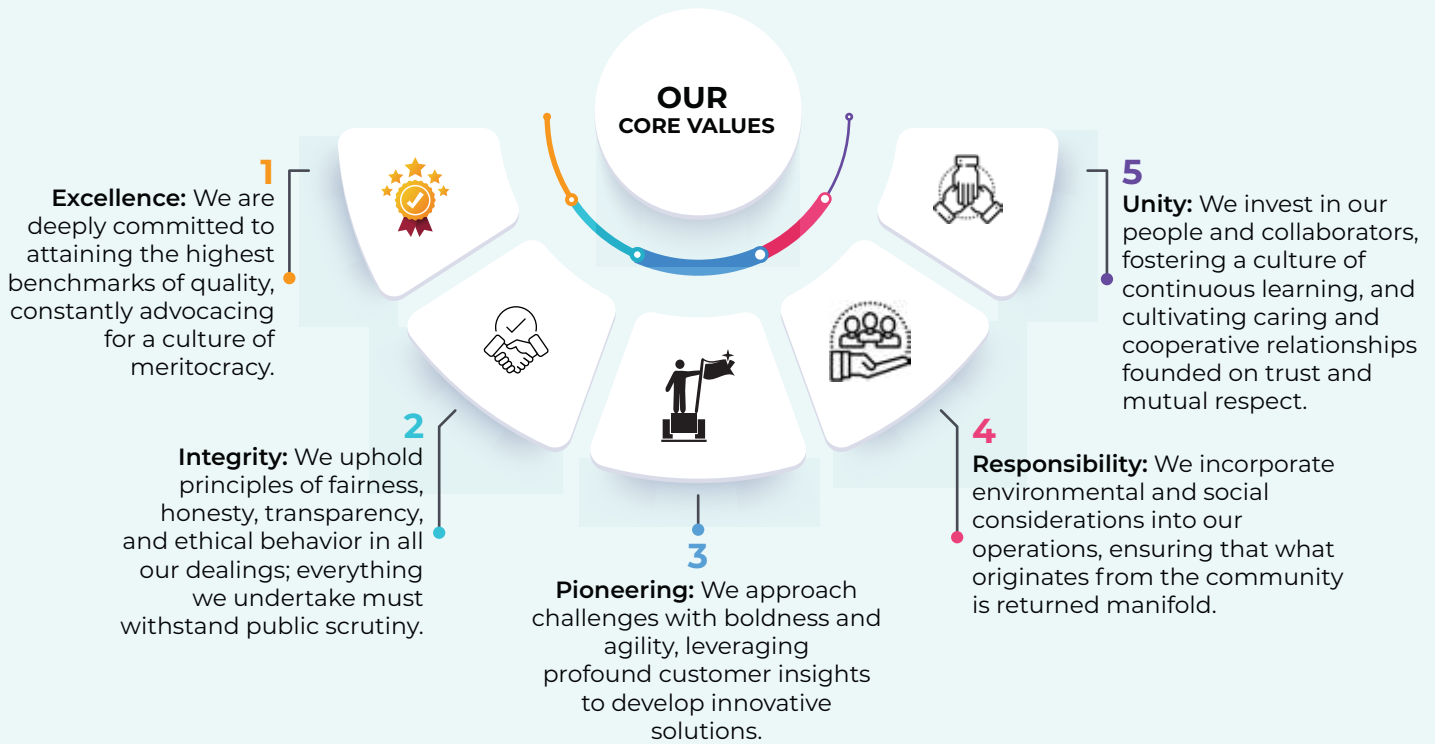
The realm of Rashmi Group knows no bounds – it grows, evolves, and confronts challenges daily. It is a realm that embraces diverse skills, constant innovation, financial investment, and the conscientious utilization of natural resources. This is the sphere where Rashmi Group aspires to excel, by delivering products of the highest quality and providing unparalleled service to its clientele.



## A FOUNDATION OF ENDURING VALUES

The Rashmi Group's value system is an inseparable part of our half-century-long legacy, and it continues to guide the progress and operations of its enterprises. Significant time, dedication, and resources are consistently devoted to shaping, refining, and instilling these values in anyone who becomes a part of the Rashmi Group community, be it an employee, partner, or customer.

### OUR CORE VALUES



### SIGNIFICANT ACHIEVEMENTS IN THE PURSUIT OF EXCELLENCE

The Rashmi Group has been at the forefront of revolutionizing industrial practices in India, undertaking groundbreaking initiatives that often preceded their time and have had a profound global influence.





# RASHMI GROUP OF COMPANIES



# **RASHMI METALIKS**

## **Facilitating India's Progress With Pride**



## Guided by a Vision. Upheld by Principles.

Our vision is the product of a deep-rooted culture of integrity, a commitment to the highest standards of corporate governance, and a dedication to giving back to society. It is shaped by a heritage of sound and honest business practices, prioritizing the interests of shareholders, the well-being of employees, and recognizing the importance of the community and society in its existence. We aim to set the global standard for Value Creation and Corporate Citizenship in the Iron & Steel industry.

## We achieve this through:

- **Our People:** By fostering teamwork, nurturing talent, enhancing leadership capabilities, and acting with speed, pride, and passion.
- **Our Offer:** By becoming the preferred supplier, delivering premium products and services, and creating value for our customers.
- **Our Innovative Approach:** By pioneering cutting-edge solutions in technology, processes, and products.
- **Our Conduct:** By providing a safe work environment, respecting the environment, supporting our communities, and upholding high ethical standards.
- **Our Policy:** Policies aligned with the Rashmi Code of Conduct are integral to our operations, providing a set of active principles in various areas of operation to ensure consistency and clarity in the Company's approach.





Rashmi Metaliks, the flagship enterprise of the Rashmi Group, was established in 2004 in West Bengal, India.

## Today, Rashmi Metaliks proudly stands as India's largest and the world's second-largest manufacturer of Ductile Iron Pipes and Fittings.

Renowned for our exceptional Ductile Iron Pipes & Fittings Rashmi Metaliks is the preferred choice for water supply and pressure sewage applications. Our unwavering commitment to stringent standards and unwavering dedication to quality assurance have earned us a commanding position in the market. With an impressive Compound Annual Growth Rate (CAGR) of 62% over the past five years, Rashmi Metaliks has also expanded into the production of Ductile Iron Fittings.

Rashmi Metaliks has undertaken an ambitious project and increased its production capacity to 7,70,000 MT of DI Pipes and Fittings, annually. Its adoption of cutting-edge casting methodologies ensure precision in casting, with exact dimensional accuracy, ensuring a perfect fit. Furthermore, it offers a range of coating and lining options customized to external and internal conditions, enhancing the longevity of its products. At Rashmi Metaliks, we are dedicated to propelling the industry forward with innovation, quality, and reliability.





## Ductile Iron Pipes

*Ensuring Smooth Water Flows From Source to Taps*

Ductile Iron is an alloy of Iron, Carbon and Silicon, which is also known as Spheroidal Graphite Iron or Nodular Cast Iron. The process of manufacturing Ductile Iron involves adding magnesium to low-sulphur molten iron.

Due to the reaction with magnesium, the excess carbon (graphite) present in the iron forms multiple small nodules and the resultant product is known as Ductile Iron. Ductile Iron is preferred more when compared to Cast Iron because while it retains the corrosion resistance of Cast Iron and has double the tensile strength [Cast Iron- 180 MPa (min), Ductile Iron – 420 MPa (min)].

Rashmi Metaliks holds a firm position in the market of Ductile Iron Pipes, which makes the organization the leader in the area of water and waste water transportation. Our best-in-class manufacturing units cater to the ever-rising demand of DI pipes every year. We provide relevant, value-added services by an array of specialized internal and external Anti-Corrosion Coatings.

The Ductile Iron Pipes by Rashmi Metaliks, as per IS 8329:2000, has Tremendous Tensile Strength and Sustains external static or dynamic loading. The company's impeccable track record of quality assurance has placed it in a commanding position in the market.

Being the largest manufacturer of DI pipes & fittings in India, - Rashmi Metaliks has also enhanced the capacity of the project by upgrading it up to 7,70,000 MT of DI Pipes & Fittings. Pressure bearing ability, Great beam Strength, Corrosion resistance, High Impact Resistance, and High Bursting Strength are some of the best benefits of our DI Pipes.

## Production Facility



2 high-capacity blast furnaces of 7,70,000 MT per annum capacity



16 dedicated induction furnaces



16 horizontal centrifugal casting



5 specialized production units



3 dedicated lines for Zinc and Bitumen coating



7 meticulously designed Finishing Lines

## Ductile Iron Fittings

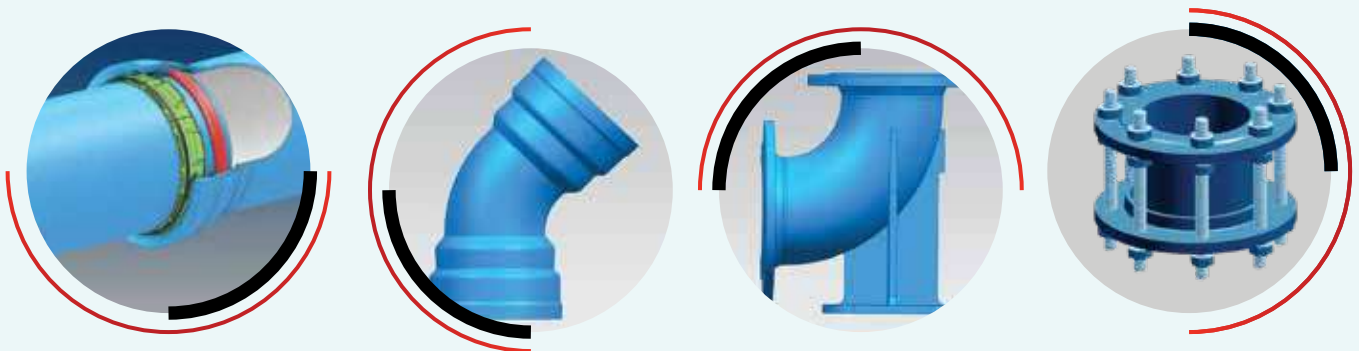
*The backbone of modern water systems*

Rashmi Metaliks is a leading manufacturer of Ductile Iron Fittings in India. Our fittings are crafted using advanced casting methods like VLFP (Vaccum Lost Foam Process). They provide durability and strength for water, sewerage, wastewater, and slurry applications. Our facilities boast top-notch machinery, finishing units, and testing labs.

We provide a wide range of fittings, ranging from DN 80 to DN 1600 mm, with an array of jointing systems, coatings, and linings. To guarantee top-notch performance even in challenging conditions, our fittings undergo an epoxy coating process, both internally and externally, ensuring a minimum thickness of 250µm. One can choose from WRAS-approved Blue (suitable for potable water) or Red (ideal for sewerage) options that comply with EN 545 / EN 598 and EN 14901 standards. Additionally, we can take orders of alternative coatings upon request.

## Range of Fittings

- **Push-On Joint Fittings:** Push-On joints consist of a lone rubber gasket, which is placed into a groove within the socket positioned at the bell end of the pipe.
- **Flanged Fittings:** A flanged joint is a type of connection achieved through bolts, where two equal flanges are joined and held together by tightening the bolts.
- **Mechanical Joint Fittings:** Mechanical joint fittings are usually furnished completely with a plain rubber gasket and tee-head alloy steel bolts with heavy hex nuts for each socket.
- **Restrained Joint Fittings (Rashmi-Lock):** The Rashmi-Lock Jointing system is a self-restrained, semi-flexible method for joining Ductile Iron Pipes. This system allows pipes to relate to a push-on joint that can deflect under pressure.
- **Screwed Flanged Pipes:** Flanges are tapped and drilled in screwed flanged pipes to be threaded onto ductile iron pipe.
- **Welded Flanged Pipes:** Flanges are welded on either or both ends of the barrel and are sometimes welded on the barrel at a point other than the ends which are called Puddle flanges.
- **Cast Flanged Pipes:** Cast Flanged Pipes are casted as a single unit advanced Lost Foam Casting technique based on the specific requirements.



### Ductile Iron Double Flanged Pipes

Rashmi Metaliks is one of the leading manufacturers of Ductile Iron Double Flanged Pipes in India. These pipes have flanges at both ends and are connected using Nut Bolts. Ductile Iron Double Flanged Pipes are used for over-ground and exposed installations. They are also ideal for Water, Gas, and Sewage transport.

### Specifications

- **Size (Diameter):** DN 80 mm – DN 600 mm
- **Standard:** IS:8329 | ISO:2531
- **Class:** K-9 | C-40
- **Length:** Customizable within the range of 0.30 Mtr to 5.40 Mtr
- **Types:** Screwed Flanged Pipe | Welded Flanged Pipe
- **Rubber Gasket:** 3 mm thick Flange Rubber Gasket
- **Pressure Rating:** PN 10 | PN 16



### Key Features

- Impressive corrosion resistance
- Exceptional strength
- Ability to withstand high pressure levels
- Cement mortar lining
- Zinc and Bitumen coating



## Applications of Ductile Iron Double Flanged Pipes



Fire fighting



Ash handling systems



Elevated service



Chemical plants



Vertical Pipeline

Harnessing the capabilities of our state-of-the-art production facility, we manufacture a premium range of Ductile Iron Double Flanged Pipes, available in diverse specifications. These pipes are crafted using quality-certified ductile iron and cutting-edge technology. They find extensive application in areas where pipelines necessitate periodic disassembly for cleaning, such as in sewage treatment plants and pump houses. To ensure impeccable delivery to our clients, a team of adept quality inspectors rigorously assesses these pipes against stringent quality benchmarks.

With a legacy spanning over 3 decades, we have consistently set the benchmark for excellence in the industry. Our dedication to quality, durability, and customer satisfaction has earned us the esteemed reputation of being one of the foremost manufacturers of DI pipes in the nation.

As one of the leading manufacturers of Double Flanged DI Pipes in India, Rashmi Metaliks stand as a beacon of excellence, setting industry standards and driving innovation. With a commitment to quality, dedication to our customers, and a focus on social responsibility, we are poised to continue our legacy of excellence for years to come.

Jacking pipes are the latest addition to the range of pipes manufactured by Rashmi Metaliks. These pipes boast impressive strength, making them ideal for jacking installations. Our pipe design, tailored for jacking and microtunneling applications, capitalizes on the use of non-corrosive materials.

Jacking Pipes by Rashmi Metaliks feature a sleek external surface and water-resistant properties, ensuring minimal friction during the jacking process. Additionally, they possess exceptional compressive strength, enabling them to endure substantial jacking forces. These pipes find common use in projects involving jacking beneath highways and railroads, as well as in densely populated urban areas.

Our jacking pipes are meticulously engineered to fulfill the precise requirements of pipeline construction and rehabilitation through micro-tunneling and pipe-relining techniques. The jacking pipes are renowned for their resistance to corrosion, outstanding structural attributes, and their capacity to withstand the intense axial forces experienced during the pipe-jacking procedure.

### Applications:

Jacking pipes by Rashmi Metaliks are suitable for various uses, including pressure, non-pressure, and trenchless applications in potable, non-potable, industrial, drainage, and wastewater systems.

- Water systems
- Sewage and wastewater systems
- Pipe relining projects
- Road and rail culverts
- Asset encasement (e.g., protecting pressure pipelines)
- Duct installations



## Advantages of Jacking Pipes

Our jacking pipes have been designed to offer a range of features and advantages that make it well-suited for multiple applications:



### Range and properties:

- Diameters: DN300 – DN3000
- Ring Stiffness: SN20,000 – SN1,000,000
- Pipe lengths: 1m to 5.8m (standard length 2m)
- Ultimate Compressive Strength: 85N/mm<sup>2</sup>
- Jacking Force Safety Factor: 3.5



## “India’s Largest Manufacturer of Small Dia Seamless Pipes & Tubes”

Rashmi Green Hydrogen Steel Pvt. Ltd., a recent addition to the esteemed Rashmi Group of Companies, is dedicated to becoming the world's foremost producer of Seamless Pipes & Tubes.

Our company specializes in the production of a diverse range of Seamless Pipes and Tubes, serving various industrial sectors. These Seamless Pipes and Tubes are engineered for applications involving high pressure, temperatures, and critical conditions, ensuring optimal performance even in the most demanding environments.

### Industries We Cater



OIL & GAS REFINERIES



CHEMICAL INDUSTRIES



HEAVY MACHINERY & MINING



RAILWAY, INFRASTRUCTURE AND CONSTRUCTION



AUTOMOBILE & BEARING OEMS



POWER, BOILER & HEAT EXCHANGERS OEMS



PMC, EPC & DISTRIBUTION

What sets Rashmi Green Hydrogen Steel Pvt. Ltd. apart is the pioneering use of Synthesis Gas derived from Charcoal in our re-heating furnaces. We're proud to be the first in the world to employ this innovation in the Seamless Pipes & Tubes manufacturing process. Additionally, we're the first unit in India to power our boilers and generate hot air using Bio Pellets.

### Expansion Plan

As part of our expansion plan, we're currently in the process of constructing a 686 cubic meter Blast Furnace, slated for completion in December 2024. Upon its completion, Rashmi Green Hydrogen Steel Pvt. Ltd. will be the first manufacturer in India to produce Hot Rolled Round Billets from our own Converter & MBF.

Looking ahead to the next phase, Rashmi Green Hydrogen Steel Pvt. Ltd. aims to strengthen its presence by strategically manufacturing API Line Pipes and OCTG products, expanding our product range from 4-Inch NB to 7-Inch OD, with an additional capacity of 200,000 MTPA.

In the third phase, we're targeting an even broader size range, from 7-Inch OD to 24-Inch NB, with an additional capacity of 300,000 MTPA, serving global business segments and solidify our position as an adaptable and innovative market leader. With all these expansions, our combined Seamless Product capacity will reach an impressive 600,000 MTPA, establishing us as the largest manufacturing unit of Seamless Pipes & Tubes in India.



### Innovative Precast Solutions by Rashmi Group

Rashmi Group leads in sustainability, producing top-tier precast concrete products. Our stringent quality control ensures the use of the finest materials, crafting reliable precast elements.

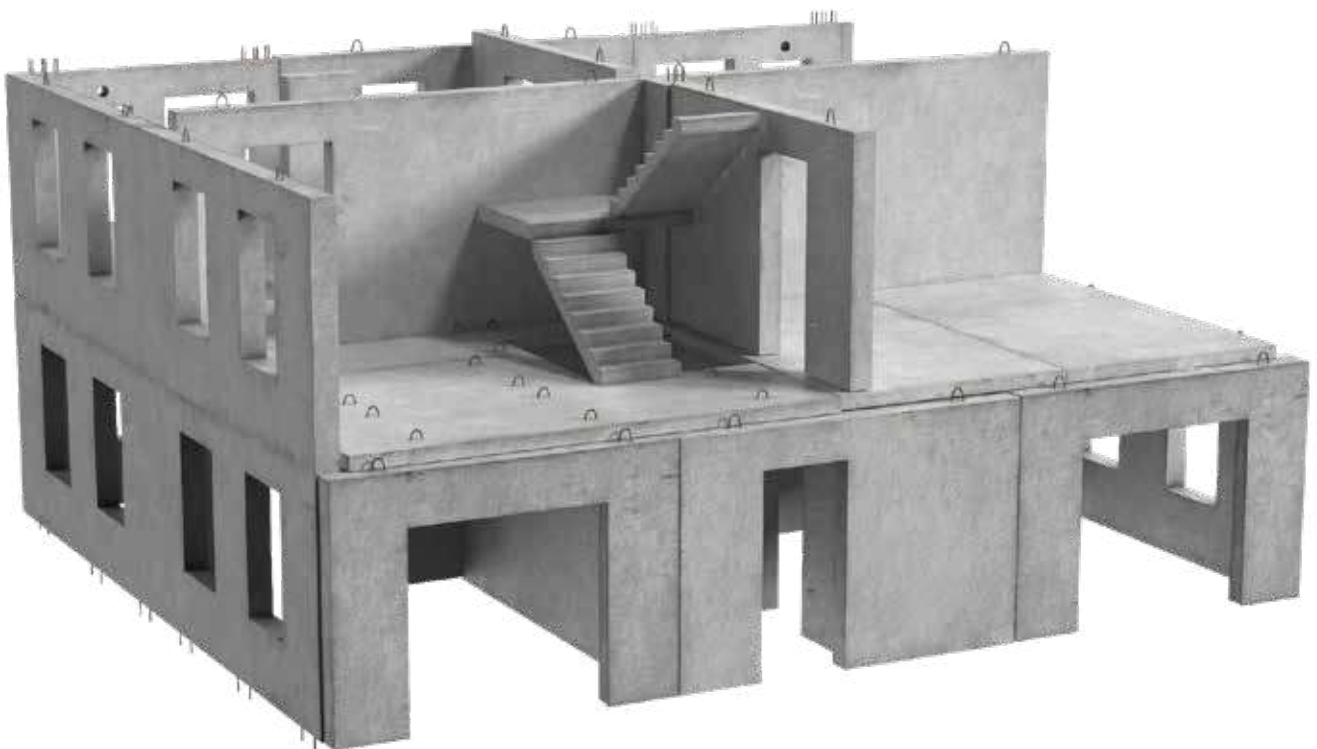
### Paving the way for a greener and more eco-conscious future in the construction industry.

Rashmi Precast is the choice for efficient and sustainable construction, paving the way to a greener future. We utilize cutting-edge tech like 3D models and pressure point analysis, enhancing our designs for both aesthetics and structural integrity.

#### Advantages of Rashmi Precast:

- **Speed and Efficiency:** A major facility meeting tight timelines.
- **Quality Assurance:** Controlled manufacturing for high-quality and defect-free products.
- **Design Flexibility:** Diverse design options, including intricate architectural details.
- **Sustainability:** Eco-friendly processes promoting recyclability.
- **Durability:** Utilizing high-quality raw materials for strength and longevity.

Rashmi Precast embraces sustainable materials and digital design technologies, promoting efficiency and reducing environmental impact while meeting the global demand for urban infrastructure.





### India's largest Inland dredging company

Established in 2010 as an integral subsidiary company of the esteemed Rashmi Group, Reach Dredging Limited (RDL) has emerged as a prominent leader in the Dredging and Reclamation sector. Reach Dredging Limited specializes in providing a comprehensive suite of services tailored for rivers, lakes, canals, and ports, adeptly addressing navigational and reclamation challenges with cutting-edge solutions.

Reach Dredging Limited takes immense pride in its formidable fleet of 15 state-of-the-art dredgers, featuring a diverse range of advanced dredging equipment and machinery. This distinction firmly establishes Reach Dredging Limited as the owner of India's largest capacity for cutter suction dredgers.

Reach Dredging Limited is exceptionally equipped to undertake projects with unparalleled precision and efficiency, consistently upholding the highest standards of excellence. Our commitment revolves around delivering exceptional service to its esteemed clientele.



Our comprehensive suite of dredging and land reclamation services includes:

- **Capital Dredging:** Capital dredging involves land remediation and waterbed remediation for providing better access to large ships and building additional port facilities.
- **Maintenance Dredging:** Maintenance dredging consists of the restoration of waterways depth and harbors by removing silt, sand, and other accumulated sediments for the creation of wave-reducing islands, beach replenishment along with the construction of flood barriers.
- **Inland Dredging:** Inland dredging consists of dredging in rivers, canals, lakes, and other inland water bodies to increase the capacity of silted ponds and remove polluted sediments.
- **De Siltation Of Lakes, Ponds & Barrages:** Desilting is the removal of fine silt and sediment that has been collected in lakes, ponds, and barrages to restore its natural capacity.
- **Sand Mining/Sand Extraction From Rivers:** River sand mining is the extraction of sand and gravel from the drainage network of a river that involves sand capping and compacting contaminated soil.
- **Dredging For River Navigational Channels:** Dredging for navigational channels plays a crucial role in ecosystem preservation by effectively eliminating waste, sludge, decaying vegetation, and other debris.
- **Dredging For Land Reclamation/Development:** Reclamation dredging involves capital dredging and is the raising of land levels and creation of land.

We are dedicated to nurturing our workforce, ensuring they possess the skills and expertise needed for cutting-edge projects. On the technical front, we are investing heavily in research and development, embracing emerging technologies like AI and automation to enhance our fleet's capabilities and environmental sustainability. Our enthusiastic team of highly qualified experts is wholeheartedly dedicated to carving a prominent niche for Reach Dredging Limited within the private sector, solidifying its position as a major force in the dredging industry.

Reach Dredging Limited is committed to a strategic expansion plan that encompasses both corporate and technical aspects, positioning us for continued growth and success in the dynamic dredging industry. From a corporate perspective, we aim to strengthen our market presence through strategic partnerships and mergers, fostering collaboration with other industry leaders to access new markets and diversify our service offerings.





Rashmi 6 Paradigm Limited is the latest venture of Rashmi Group, one of the fastest growing Business Conglomerates in the Eastern region of India, pioneers in the manufacturing of integrated Iron & Steel Products, Cement, Power and Ferro Alloys. Led by Mr. Sunil Kumar Patwari, the group has its corporate office at Kolkata, and factories located at Kharagpur and Jhargram respectively.

**“Rashmi 6 Paradigm Pvt Ltd was founded on the bedrock of a visionary idea - the transformation of agricultural waste into clean and efficient bio-fuels. The company embarked on its journey with the purpose of addressing two pressing issues - environmental degradation and the need for sustainable energy sources.”**

Rashmi 6 Paradigm Limited is a leading producer of Biomass pellets, Activated carbon and Charcoal products, committed to sustainable and environmentally friendly solutions. With a strong focus on carbon neutrality, we strive to provide high-quality, renewable energy alternatives to traditional fossil fuels. Our state-of-the-art facilities and advanced production methods enable us to meet the growing demand for clean energy sources, while minimizing our carbon footprint. We are dedicated to creating a greener future by harnessing the power of biomass and offering sustainable solutions to our customers.







Let's Keep The Environment Clean  
& Make The Earth Green

## Advantages of Bio Mass Pellets

Sustainable

Economical

Renewable

Efficient

Eco-Friendly

Clean



## Specifications of Bio Pellets

COMPARATIVE of Technical parameters of R6PL's Bio-mass Pellets

	TECHNICAL PARAMETER	R6PL BIO MASS PELLETS	GUARANTEED VALUE RANGE AS ADVISED BY CEA, SEP 2018
1	Base material	Agricultural & Wood Waste	Agro/Crop Residue
2	Diameter	8 mm	Not more than 25 mm
3	Length	25-30 mm	Not more than 50 mm
4	Bulk density	600 kg/m <sup>3</sup>	Not more than 600 kg/m <sup>3</sup>
5	Fines% (length<3mm)(ARB)	Less than 3% by weight	Fines ≤5%
6	Gross calorific value (ARB)	Non Torrefied: 4000± 200 kcal/kg	Non Torrefied pellets: 3500 ±100 Torrefied pellets: 4500 ± 100
7	Moisture (ARB)	Less than 9%	Not more than 9%
8	Ash (ARB)	Less than 5% by weight	Not more than 20%

## India's First Integrated Manufacturer of Nitrile Powder Free Gloves

Koove IoT Pvt. Ltd., a sister company of the esteemed Rashmi Group, a prominent and rapidly expanding conglomerate in India with an impressive annual turnover of 3.5 Billion USD, holds the top position of being the first manufacturer of integrated Powder-Free Disposable Nitrile Gloves in India, backed by a robust vision to meet global demands by producing high-quality gloves that adhere to international quality benchmarks.

**In a world where the demand for high-quality personal protective equipment is growing every day, 1st Glove has emerged as a beacon of excellence.**

Situated in Kharagpur, West Bengal, India, Koove IoT Pvt. Ltd. operates a state-of-the-art manufacturing facility. The establishment of this cutting-edge manufacturing facility further solidifies the commitment of Koove IoT Pvt. Ltd. to quality. This facility operates within a tightly controlled environment, ensuring the highest standards of safety and protection for the end-users.

Our flagship brand, "1st Glove", represents a groundbreaking achievement. It is a latex-free nitrile glove composed of a copolymer derived from the combination of butadiene and acrylonitrile, making them the first of its kind that is manufactured in India. Its widespread availability in diverse sizes, weights, and textures positions it as the top preference for industries prioritizing both personal and client safety.



The ascent to the pinnacle of nitrile glove manufacturing has not been without its challenges. Overcoming obstacles such as stringent quality control, resource management, and fierce competition, 1st Glove has persevered to deliver the best possible gloves to its customers.

By implementing meticulous quality control, the products of Koove IoT Pvt. Ltd. have been serving both domestic and international markets since inception. Committed to excellence and delivering premium quality to our clients, we have successfully met the ASTM D6319-19 Standards of production, along with obtaining certifications from the highest-rated industries globally.

## Future Outlook

Koove IoT Pvt. Ltd. envisions a trajectory of innovation and growth that aligns seamlessly with its legacy. Looking ahead, Koove IoT Pvt Ltd is eager to continue its journey of innovation. While the company currently employs robotic glove stripping methods, it is actively exploring opportunities to implement more automated technologies in its production processes. This forward-thinking approach positions Koove IoT Pvt Ltd to stay at the forefront of nitrile glove manufacturing and continue to provide world-class protection to industries around the globe.



Medical Examination



Cosmetics & Tattoo



Research & Labs



Paint Industry



Veterinary Clinics



Automobile Industry



## EMS oriented communication equipment manufacturer

Established in 2019, Ehoome IoT Pvt. Ltd., an esteemed company of the Rashmi Group of Companies, proudly holds the position as India's premier manufacturer of communication equipment, with a primary focus on Electronic Manufacturing Services (EMS). In 2021, eHoome IoT also launched its proprietary brand, Maxxtek.

At eHoome IoT, we embarked on a journey fuelled by innovation and a commitment to revolutionize the way the world connects. Since our inception, we have strived to be at the forefront of the IoT (Internet of Things) revolution, bringing seamless connectivity to homes and businesses alike.

eHoome IoT was founded with a clear vision - to empower individuals and organizations with cutting-edge connectivity solutions. We recognized the potential of IoT technology to enhance lives, boost efficiency, and drive progress. Over the years, we have evolved and expanded our product portfolio to encompass a wide range of advanced connectivity solutions:

- **EPON/GPON OLT:** Our EPON/GPON Optical Line Terminals are designed to provide lightning-fast internet access with unmatched reliability.
- **ONU (Optical Network Unit):** eHoome's ONU devices ensure seamless data transmission and high-speed internet connectivity at the customer's end.
- **WLAN Solutions:** We have developed robust Wireless Local Area Network solutions, enhancing connectivity within homes and businesses.
- **4G/5G CPE (Customer Premises Equipment):** Our CPE devices are engineered to harness the power of 4G and 5G networks, offering ultra-fast and stable internet connectivity.
- **SWITCH:** eHoome's SWITCH series guarantees efficient data management and network control.
- **SFR SOHO ROUTER:** Our SFR SOHO ROUTER is a testament to our commitment to providing reliable connectivity solutions for small offices and home offices.



**Industrial Switch**



**Router**



**4G/5G CPE**



**ACCESS POINT**



**GPON OLT**



**ONU**

Our expansive manufacturing facility, covering an impressive 5,000 square meters, exhibits a monthly production capacity of 450,000 units. Strategically located in the cutting-edge industrial hub of Noida, Uttar Pradesh, India, it is outfitted with state-of-the-art machinery sourced from renowned manufacturers such as Fuji and Panasonic. This enables our factory to proficiently produce 5G-enabled devices.

Throughout our journey, we have continuously pushed the boundaries of technology. We have invested heavily in research and development, allowing us to stay ahead in a rapidly evolving industry. Our commitment to innovation has resulted in breakthroughs that have redefined the connectivity landscape.

Our products have reached customers around the world, establishing eHoome IoT as a global leader in the IoT and connectivity sector. Our global presence has allowed us to understand diverse market needs and tailor our solutions accordingly.

## Looking Ahead

As we reflect on our journey so far, we see a future filled with exciting possibilities. We remain dedicated to staying at the forefront of technology, anticipating the needs of tomorrow, and continuing to shape the world of connectivity. Together, we'll build a future where connectivity knows no bounds.



**e Hoome IoT**

A House of OEM/ODM solutions

EPON/GPON OLT, ONU, WLAN,  
4G/5GCPE, SWITCH, SFP, SOHO  
ROUTER etc.



### Global Leading EMS Manufacturing & Service Industry

Rashmi Rare Earth Limited, with its headquarters located in Noida, Uttar Pradesh, stands as a prominent player in the realm of Electronic Manufacturing Services (EMS). The company has carved a niche for itself by specializing in the production of mobile phones and a wide array of electronic accessories, including chargers and batteries.

**Rashmi Rare Earth Limited is committed to supporting the Government of India's flagship programs, "Digital India" and "Make in India," with the aim of transforming India into a digitally empowered society.**

Rashmi Rare Earth Limited has solutions to suit any and all requirements for - ONU devices, Mobile Devices, Set-Top Boxes (STB), IT Peripherals, Smart Meters, and Mobile Device Chargers. Through smart digitisation solutions and services, RREL ensures cybersecurity, physical safety and information security, providing customers with complete regulatory control. Rashmi Rare Earth Limited is staying ahead of the curve by incorporating advanced technology such as integrated systems and delivering comprehensive support.

With a vast working space exceeding 50,000 square feet, Rashmi Rare Earth Limited boasts a state-of-the-art infrastructure that includes a clean room, SMT Machine, quality laboratory, and assembly conveyor for testing equipment. The company has also ventured into contract manufacturing of mobile phones, Set-Top boxes and various other electronic products. To uphold the highest standards, each device crafted by Rashmi Rare Earth Limited undergoes meticulous quality assessments in accordance with our advanced Quality Management System, MES.

## “Fuel Your Devices At The Speed Of Light With India’s Best Charger”





Our stringent quality assurance and product robustness have propelled RREL to emerge as India's premier Electronic Manufacturing Services (EMS) firm, renowned for delivering world-class products.

### Future Outlook

Looking ahead, Rashmi Rare Earth Limited is poised for continued growth and innovation in the Electronic Manufacturing Services (EMS) sector. We will continually invest in research and development to innovate and refine our manufacturing processes. We will also collaborate with leading technology partners to integrate the most advanced components, materials, and production methods, ensuring that our products are not only technologically superior but also environmentally responsible. With a steadfast commitment to quality and technology, we anticipate expanding our product portfolio, entering new markets, and forging partnerships to remain at the forefront of the rapidly evolving electronics industry.



Rashmi Cement Ltd. stands as a global exemplar in both efficiency and sustainability, representing itself as a stalwart in the industry. Among India's burgeoning economy, Rashmi Cement Ltd. has strategically targeted the perfect niche. Established in 1991, Rashmi Cement Limited has a plant at Jhargram in West Midnapore district of West Bengal. The group started the manufacturing unit with a capacity of 1.0 MTPA of Cement production, which was rapidly expanded to 2.0 MTPA.

At its core, this company embraces a culture steeped in innovation, vigilant cost management, and unmatched operational efficiency, steadily advancing towards a future where success is built by one step at a time. This symbolism signifies innovation and progress within the realm of construction, a testament to their unwavering commitment to advancing the industry.

With a rich history spanning over three decades, Rashmi Cement has established itself as a stalwart in the industry, distinguished by its utilization of premium limestone and active silica. This unique combination guarantees the production of exceptionally refined and top-tier cement. This commitment to quality control has firmly positioned Rashmi Cement as the preferred choice for a wide range of projects, including general RCC work in construction, large-scale concreting for structures such as dams, underground construction, and specialized applications like grouting.



## SUPERIOR PORTLAND SLAG CEMENT:

Superior Portland Slag Cement is commonly known as PSC and is a special blended cement, produced in state-of-the-art manufacturing facilities with superior quality slag, produced at our manufacturing plant.



## ORDINARY PORTLAND CEMENT:

Ordinary Portland Cement is commonly known as OPC and can be used in concrete construction projects that do not involve exposure to sulphates either in the soil or groundwater.



## SUPREMO:

Supremo is a cement product specially manufactured for building stronger and longer-lasting roofs and foundations. The usage of Rashmi Cement Supremo protects you from common roofing and foundation repair issues caused due to rain, humidity, and many other factors.



## PORTLAND POZZOLANA CEMENT:

Portland Pozzolana Cement is commonly known as PPC cement and is manufactured, using Fly ash as the main constituent which is obtained from thermal power plants. rain, humidity, and many other factors.

The company's dedication to excellence has been officially recognized, as it has earned ISO:9001 certification from DNV in the Netherlands. Rashmi Cement Ltd. offers an array of blending options tailored to meet the specific requirements of diverse projects.

### The Outlook Towards Shaping a Resilient Future

Rashmi Cement Ltd. continues to chart an ambitious and promising path towards a prosperous future in the dynamic world of the cement industry. As we stand on the cusp of a new era, our commitment to sustainability positions us favorably to capitalize on emerging opportunities and overcome challenges on the horizon.

Rashmi Cement Ltd. aims to allocate substantial sum of investments towards an additional capacities, hence looking forward to representing a sharp increase. Achieving this goal necessitates not only the establishment of new manufacturing facilities but also the procurement of sufficient land, assurance of raw material sources, and the recruitment of additional skilled personnel.

Looking ahead, Rashmi Cement Ltd. is poised for geographical expansion and diversification of product offerings. We are strategically exploring new markets and regions, leveraging our expertise to cater to evolving customer demands. With a keen eye on market trends, we are well-positioned to adapt and thrive in an ever-changing business landscape.





## Rashmi TMT Bars

From its inception as a Pig Iron & Sinter Plant in 2007, with an initial capacity of 400,000 MTPA, Rashmi TMT Bars has grown in leaps and bounds. Rashmi TMT Bars proudly leads the industry, boasting a rich heritage of excellence and an unwavering commitment to innovation. The state-of-the-art TMT (Thermo-Mechanically Treated) bar manufacturing facility stands as a testament to our dedication to top-notch quality, precision, and sustainability.

We've overcome obstacles along the way, expanding our capabilities. In 2009, we introduced a specialized Steel Melting Shop for Billet production, and in 2010, we established a Rolling Mill dedicated to TMT Bar production, boasting a capacity of 1.18 MTPA.

Today, our state-of-the-art TMT bar manufacturing facility, with an impressive annual production capacity of 1.7 million MT, stands as a testament to our unwavering dedication to top-notch quality, precision, and sustainability. Our comprehensive range of TMT bars, including various grades like TMT Fe 415, TMT Fe 415D, TMT Fe 500, Rashmi TMT Fe 500D, and Rashmi TMT Fe 550 EQCR, cater to a wide spectrum of construction needs. These bars, available in sizes ranging from 5.5mm to 32mm, demonstrate our adaptability for diverse applications.



# RASHMI TMT FE 550 EQCR

- Maximum tremor resistance
- Superior strength & ductility
- Corrosion preventive
- Higher thermal sustenance



[www.rashmigroup.com](http://www.rashmigroup.com)

Driven by a strong vision to become the most dependable TMT bar manufacturer and an innovative producer of Iron and Steel, we are resolute in our commitment to supply top-quality steel products, offer related services and solutions, and ultimately, meet the expectations of our end consumers through our network of partners.

Our mission at Rashmi TMT Bar is to become India's most trusted steel brand, offering a comprehensive range of steel solutions under one roof. We are deeply committed to delivering uncompromising quality to our end customers and creating value for all our stakeholders and channel partners in Kolkata, West Bengal.

### Future Outlook

The future at Rashmi TMT Bar is marked by a strategy aimed at strengthening our position as an industry frontrunner in TMT bar manufacturing while delivering unparalleled value. We are committed to staying at the technological forefront, with investments in automation, digitalization, and sustainable practices. The incorporation of micro-alloying elements like vanadium, niobium, and titanium, adoption of advanced thermomechanical techniques like quenching and self-tempering (QST), along with thermo-chemical treatments such as nitriding and boronizing, paves a path for the creation of ultra-high-strength TMT bars.

Diversifying our product range to meet evolving industry needs and expanding our geographic presence beyond Kolkata, West Bengal, we look forward to integrating more green technologies and energy-efficient practices. Additionally, we will continue to invest in research and development, nurture a customer-centric approach, empower our workforce, engage with local communities, and seek strategic collaborations for mutual advancement.



Rashmi Metaliks takes immense pride in holding the distinguished position of being the largest Sponge Iron manufacturer in India, boasting an exceptional capacity of 3.19 million metric tons per annum. Rashmi Metaliks's journey as a sponge iron manufacturer has been a remarkable odyssey of innovation, dedication, and growth. We embarked on this path with a vision to contribute to the iron and steel industry's evolution and sustainability.

We follow a unique and advanced Sponge Iron production process that enables us to deliver a superior product. To maintain this quality, we have robust quality control measures in place, including testing, monitoring, employee training, and adherence to industry standards. This combination of advanced processes and quality control measures is what sets us apart from our competitors in the Sponge Iron industry.

### Future Outlook

As we look ahead, our journey as a sponge iron manufacturer continues to be marked by innovation, sustainability, and a relentless pursuit of growth. We are excited to shape the future of the industry and remain a trusted partner for our clients worldwide.





In 2007, Rashmi Metaliks embarked on a transformative journey in the steel manufacturing industry. Recognizing that iron ore, the fundamental raw material for steel production, requires a refined process before becoming a valuable asset in blast furnaces, the group made a strategic move. The establishment of our state-of-the-art Sinter Plant marked a pivotal moment in our evolution.

Our Sinter Plant represents a precise amalgamation of fine-grained iron ore, iron-rich materials, and fluxes. This innovative facility is designed to control and enhance the quality of materials essential to the steel manufacturing process.

### Future Outlook

Our company's journey from raw iron ore to high-quality sinters is a testament to our success in terms of being an industry leader. By investing in cutting-edge technology and processes, we continue to play a pivotal role in shaping the steel manufacturing industry, providing our clients with materials that meet and exceed industry standards.



Rashmi Metaliks's journey in the Billets production sector of Eastern India has been one of the pioneering leaderships and commitments to industrial benchmarks. With an annual capacity of 1.6 million metric tons, we have emerged as the foremost industry leader in the region, setting the standard for excellence.

Our success is underpinned by cutting-edge technology and relentless innovation. We employ state-of-the-art processes to create billets that consistently surpass industry benchmarks. Quality assurance is at the core of our operations. Rigorous property evaluations are conducted in our advanced laboratory, and stringent compliance checks are aligned with IS: 2830 & 2831 standards, ensuring that our billets meet the highest industry standards.

Rashmi Billets are distinguished by their precise dimensions, remarkable tensile strength, resistance to high temperatures, and corrosion resistance. These qualities make them indispensable across a wide range of industrial and commercial sectors, reaffirming our position as a trusted supplier and partner in the world of billets production.

### Future Outlook

Our future endeavors include expanding our capacity, exploring new markets, and further enhancing the eco-friendliness of our operations. We aspire to not only maintain our position as a leader but to also set new standards for excellence in the industry.





Rashmi Metaliks has been a trailblazer in industrial advancement in West Bengal. Our journey took a significant leap with the establishment of a Pellet Plant, a momentous milestone in the region's industrial history. This pioneering achievement opened the doors to a remarkable trajectory of growth for Rashmi Metaliks. The commencement of commercial pellet production marked a turning point in our evolution.

Iron Ore Pellets are the cornerstone of the iron and steel industry. These compact, spherical formations represent a concentrated form of iron ore fines and serve as a vital raw material in steel production. Today, Rashmi Metaliks proudly stands as a leading manufacturer of Iron Ore Pellets in eastern India. Our state-of-the-art plant boasts an impressive capacity of 9 million metric tons per annum and the capability to produce diverse grades of Iron Ore Pellets.

### Future Outlook

Iron Ore Pellets manufactured at Rashmi Metaliks play a pivotal role in securing the sustainability and competitiveness of the iron and steel industry. Our commitment to excellence and innovation continues to drive our journey, positioning us at the forefront of industrial progress in the region and beyond.





At Rashmi Metaliks, our journey began with a vision to provide top-quality wire rods tailored to the unique needs of various industries. We set out to source premium raw materials from trusted manufacturers, ensuring the foundation of our products to be of the highest quality.

From the outset, we focused on precision and quality. Our wire rods are meticulously manufactured, maintaining the highest standards of dimensional accuracy. Over the years, we've expanded our product portfolio to offer wire rods in various conditions, including hot rolled, hot rolled annealed & pickled, with or without coatings, encompassing all AISI 200, 300, and 400 Series. Our diameters range from 5.5mm to 25mm, with coil weights spanning from 500 to 1250 KGS.

Our wire rods have found their way into a myriad of applications across industries. They serve as essential components in fasteners, bolts, screws, spindles, gears, and various automobile components like sockets, connecting rods, shafts, rivets, and engine shafts. Additionally, our wire rods are instrumental in the manufacturing of wire ropes, barbed wire, welded wire mesh, and reinforcement wire. Our success has been built on understanding the unique requirements of our clients. We offer a diverse range of dimensions and sizes, ensuring our wire rods are suitable for a wide spectrum of applications.

### Future Outlook

We are poised to remain at the forefront of the wire rod industry, delivering top-tier products to meet the evolving needs of our customers. We look forward to many more years of growth and success in the world of wire rod manufacturing.



Established in Jhargram, West Bengal, Rashmi Metaliks has embarked on a journey spanning over 30 years, emerging as a leading producer of Ferro Alloys in India. Rashmi Metaliks's journey began in the heart of Jhargram, West Bengal, where the company's dedication to Ferro Alloys manufacturing was initiated. Located in a region rich with potential, Rashmi Metaliks set its sights on enhancing the properties of steel through the production of essential Ferro Alloys.

From its inception, Rashmi Metaliks was committed to upholding the highest standards of quality and innovation in Ferro Alloys production. A forward-thinking approach and the incorporation of modern technologies has propelled Rashmi Metaliks to the forefront of the Ferro Alloys industry. With state-of-the-art 9MVA submerged ARC furnaces, the company boasts an impressive production capacity of over 84,000 MT per annum.

Rashmi Metaliks's way forward to quality and sustainability has solidified its position as the market leader in Ferro Alloys production. These vital materials, crucial for enhancing steel's tensile strength, ductility, hardness, and corrosion resistance, underscore the company's commitment to shaping the future of the steel industry.





On May 2007, Rashmi Metaliks embarked in its journey with a strong commitment to producing top-tier Pig Iron, adhering to rigorous product and quality standards. Our state-of-the-art plant in Kharagpur is equipped with a 215 m<sup>3</sup> MBF of TRF design from Brazil. This world-class facility empowers us to manufacture customer-specific Pig Iron with an impressive annual production capacity of 630,000 TPA.

Our low sulfur and low phosphorus grades of Pig Iron have earned us distinction as a leading supplier in Eastern India and across the nation. These variants are particularly well-suited for ductile castings used in various industries, including precision castings, automobile components, rolling mill rolls, gears, railway equipment, and machine tools.

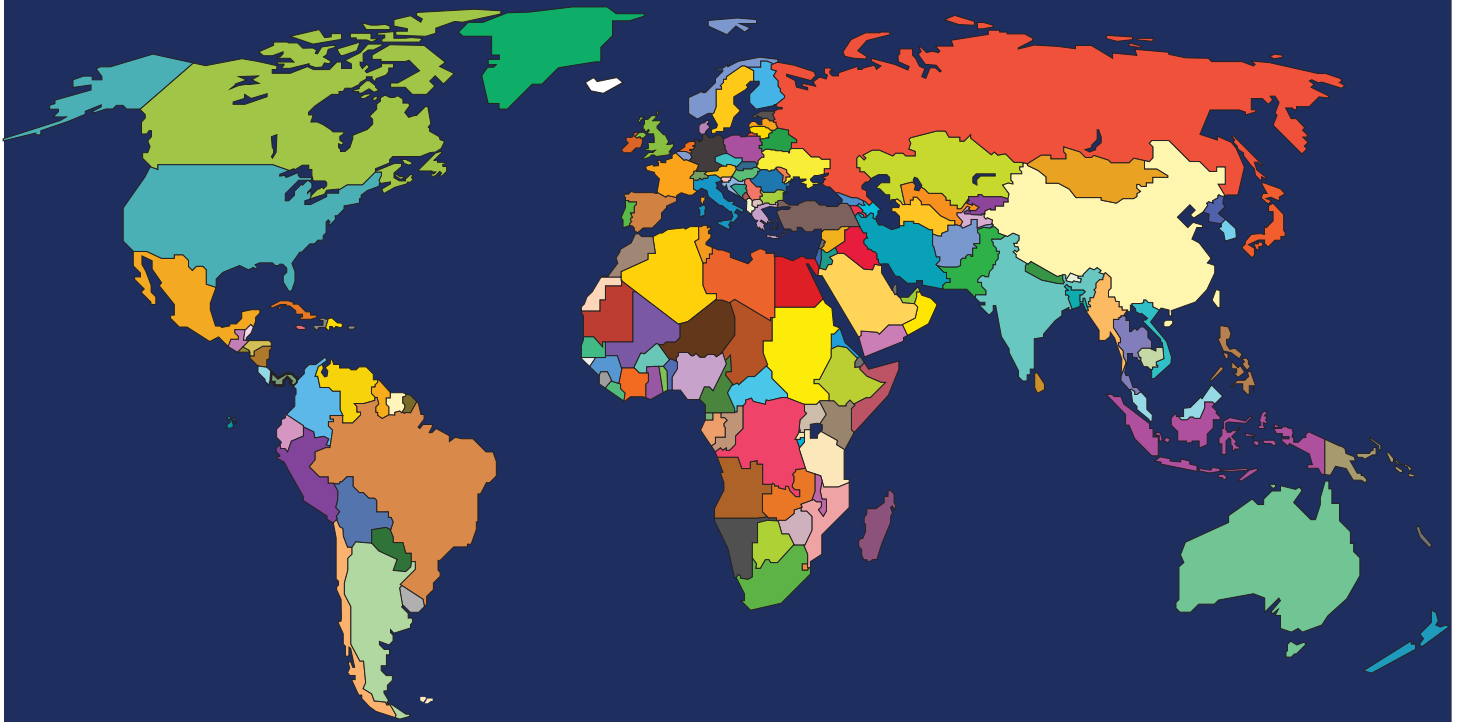
### Future Outlook

Rashmi Metaliks' journey is one of dedication, innovation, and a relentless pursuit of quality, making us a trusted name in the Pig Iron industry, serving a wide array of applications across the nation. In the coming years, we look forward to using recycled raw materials in conjunction with clean, renewable sources to further represent a promising path towards decarbonization. Ongoing efforts are underway to facilitate multiple cycles of recycle and reuse, all while preventing the introduction of undesirable elements. Our future initiatives will aim to expand the capacity of the pig-iron-making process to manufacture greater quantities and be a key player in the globe.

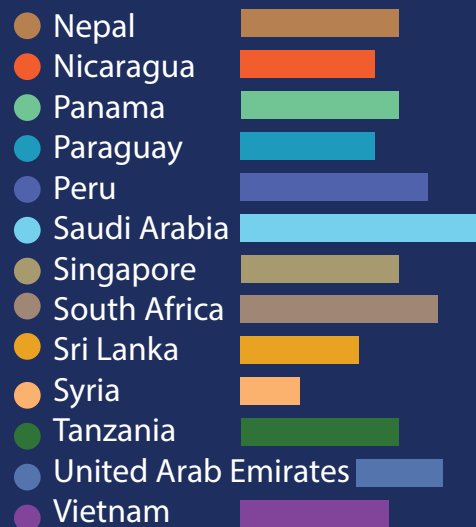
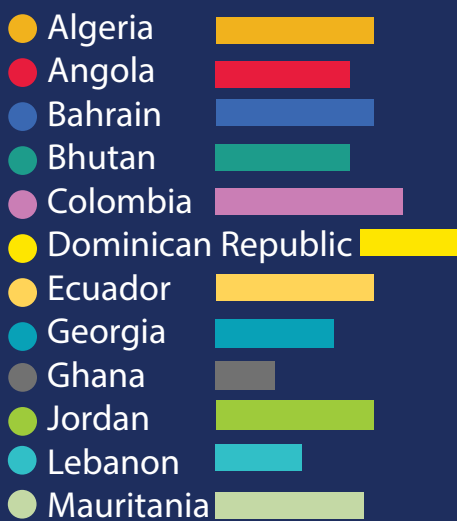




# Global Presence



## SUPPLY COUNTRY



# Get in touch

## Registered Office

Premata Building 39, Shakespeare Sarani, Kolkata 700017.

Phone: +91 33-22895200

Fax: 91 33-22894254

Email: info@rashmigroup.com

## Corporate Office

First Floor, Ideal Center, 9, A. J. C. Bose Road, Kolkata, West Bengal 700017, India

Phone: +91 33 4023 7200

## Factories

**Plant 1** Gokulpur, PO : Shyamraipur, Dist : West Midnapore, West Bengal, India.

Phone: +91 32222 234533

**Plant 2** Jhargram-721507, West Midnapore, West Bengal, India.

Phone: +91 32222 28622

## WE THANK YOU

For your interest in Rashmi Group



Find US



www.rashmigroup.com