



**WE
DREAM
BIG.
WE BUILD BIG.**

**SHYAM
METALICS**
ORE TO METAL™



SHYAM METALICS feel extremely proud to be awarded as the Great Place To Work! We create and maintain an environment where everybody respects each other because they are all treated equally, use your most advanced skills, experiment and encourage to develop new ones.

Great
Place
To
Work.®

Certified
MAR 2023 - MAR 2024
INDIA

TM

A WORKPLACE where we engage cross functional team engagement and further create a space for improvement through multi-level communication resulting in positive employee experience in the day - to - day work. And finally a place where one would love to go to- when they get up in the morning, where they don't feel like they're working, but growing intellectually and as a human being. We're grateful to everyone who helped us earn this badge; let's keep striving for excellence together.



AT SHYAM METALICS,
WE ALWAYS **DREAM BIG FOR THE PEOPLE.**
AND BUILD BIG FOR THE NATION.

At Stryam Metals, we started with a dream – of becoming a self-reliant, self-sustaining driving force that shapes the nation with steel and iron. And we're building a reality as big as our dreams, with One to Metal integrated plants, a wide range of products across the steel value chain, business partnerships across the country as well as strong grassroots initiatives for healthier people and a happier society.



VISION TO DREAM. POWER TO BUILD.

Incorporated in 1991 by Mr. M. P. Agarwal & Mr. B. L. Agarwal, and currently under the dynamic leadership of Mr. Brij Bhushan Agarwal & Mr. Sanjay Agarwal, Shyam Metals is a leading integrated metal producing company based in India with a focus on Long Steel Products and Ferro Alloys.

We have a consistent track record of delivering operating profitability, and since the commencement of our operations in Fiscal 2005, we have delivered a positive

EBITDA in each of the Fiscals.

Our integrated manufacturing plants are fungible by design, which insulates us from price volatility and provides us with the ability to quickly adapt to changing market conditions. This also enables us to change our production plan as needed and optimise our operating margins.



For over three decades now, Shyam Metals is a name synonymous with sustained excellence in quality. From One to Most, we're adding new chapters to the journey of our growth every day.

And in June 2021, we got listed on both the Bombay Stock Exchange and the National Stock Exchange with huge success. This has led to increased awareness about the company and opening up of new avenues of growth.

With a group turnover of more than ₹10000 crores currently, I envision a future with a strong trajectory for the company and an even stronger ascent for the nation.

Mahabir Prasad Agarwal
Chairman



OUR PILLARS OF STRENGTH

Ore to Metal, backward and forward integrated steel plants with Captive Railway Siding

Leading Integrated Steel and Ferro Alloys producer in East India

Combined production capacity of 8.12 MTPA**

80% of power sourced from captive plants (267 MW installed capacity)

Presence across the value chain with de-risked revenue streams

Total employee strength of 15,000

Leading producer of Pellets

Flexible and diversified product mix

Strategically located plants with proximity to Mineral Belts, National Highways and Ports

AA / Stable CRISIL Credit Rating

Strong brand and distribution network

Fourth largest Sponge iron player in India

Sustainable manufacturing by using waste as productive inputs

Renewal Energy
Wind Power : 5.1 MW
Hydel Process : 6 MW
Solar Panel : 4 MW



*MWhrs/Tons Per Annum

A large industrial ladle is pouring molten metal into a mold. In the foreground, a heavy metal block is suspended by a chain. The background shows a large industrial facility with a corrugated metal roof and various structural elements.

Forging foundations.
Building dreams.

OUR MISSION

- To strengthen our manufacturing activity through productivity, value added products, management practices and cost excellence
- To reach the pinnacles of excellence through systems, values and technologies
- To achieve sustainable growth through a balance between resources, assets and social development

OUR VISION

To be the most admired name in the industry, creating value for stakeholders, customers, employees, investors and the society

OUR VALUES

Our values are what make us who we are, and drive us ever onwards towards always being true to ourselves



Integrity



Ownership



Collaboration



Commitment

OUR MANUFACTURING UNITS

We have three manufacturing units – one in Odisha and two in West Bengal – out of which two are One to Metal integrated. Efficient production and minimal wastage in all manufacturing processes ensure that we're contributing towards a stronger and healthier nation.

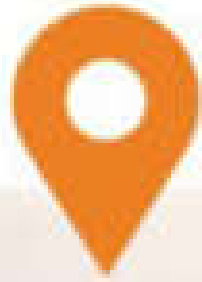
We follow an integrated operation process in both One to Metal plants, which makes us production efficient and effective in meeting the changing demands over time.



SAMBALPUR,
Odisha

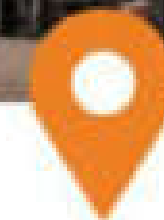
One To Metal integrated plant
Capacity - 3.75 MTPA





JAMURIA
West Bengal

One To Metal integrated plant
Capacity – 4.15 MTPA



MANGALPUR
West Bengal

Capacity
0.10 MTPA

A LEGACY OF STRENGTHENING THE NATION

Ever since our inception, our journey has been one of constant innovation and expansion, as we pursue new landmarks and bigger goals that accelerate the pace of development. And while we achieve new successes every day, we always keep an ever-watchful eye on environmental, economic and social sustainability of our processes.



1991

Incorporation of
Shyam SEL and Power Ltd

2002

Mangalpur Plant

- Commercial production started at Sponge Iron plant, with 0.08 MTPA capacity



2013

Sambalpur Plant

- Commercial production started at Sponge Iron plant, with 0.3 MTPA capacity

Jamuria Plant

- Commercial production started at Iron Pellets, Billets and Sponge Iron plant, with 0.08 MTPA capacity
- Expanded capacity of Sponge Iron plant

2014

Sambalpur Plant

- Boosted the capacity of Ferro Alloy products, and the Sponge Iron plant by 0.13 MTPA

Jamuria Plant

- Established Captive Railway Siding



2015

Sambalpur plant

- Captive railway siding operationalised
- ### Jamuria plant
- Another Captive Power plant commissioned
 - Growth in capacity of Sponge Iron and Billets plant by 0.38 MTPA, and Ferro Alloys products by 0.13 MTPA

2016

Sambalpur plant

- Increased aggregate capacity of Billets by 0.27 MTPA

Jamuria plant

- Boosted the capacity of Iron Pellets and Billets plant by 0.80 MTPA



2019

Sambalpur Plant

- Expanded capacity of Sponge Iron, Billets, TMT and Wire Rods by 1.81 MTPA

Jamuria Plant

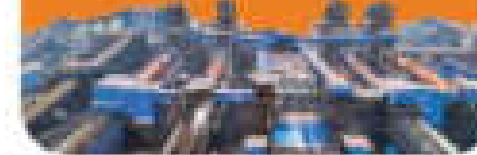
- Increased capacity of Sponge Iron, Billets, Long products and Ferro Alloy products by 1.09 MTPA
- Expanded the capacity of Captive Power Plant by 94 MW

2017

Sambalpur Plant

- Expanded capacity of Sponge Iron and Billets plant by 0.48 MTPA

- Annual capacity including all intermediate products reached 2.50 MTPA



2021

- Expanded capacity of TMT and Wire Rods further
- Annual capacity, including all intermediate products, reached 5.71 MTPA
- Shyam Metals launched its IPO & got listed on both National Stock Exchange and Bombay Stock Exchange in June 2021.

2020

Sambalpur Plant

- Boosted the capacity of Pellets by 1.2 MTPA
- Expanded capacity of Captive Power Plant by 118 MW

Jamuria Plant

- Further improved the capacity of Pellets, Sponge Iron, Billets and Long Products by 2.84 MTPA
- Combined annual capacity of - 6.71 MTPA reached

2022

- Aggregate implemented capacity post IPO launch is 8.12 MTPA
- Launched S-E-L Tiger TMT Re-Bars
- Launched the S-E-L Tiger Grille N Steels range of Light Structural Steel solutions

New Product :

- Aluminium Foil - 40,000 TPA

Capacity Enhancement Plan :

- Pellet : 12,00,000 TPA
- Sponge Iron : 7,16,100 TPA
- Billet : 52,800 TPA
- TMT, Structural, WRM, WDM : 2,04,000 TPA
- Captive Power Plant : 40 MW

Proposed Capacity Enhancement Plan

2023 :

Sponge Iron : 7,92,000 TPA
Billet : 10,81,840 TPA
TMT, Structural, WRM, WDM : 10,50,000 TPA
Ferro Alloys : 14,000 TPA
Captive Power Plant : 90 MW

2024 :

Pellet : 24,00,000 TPA
Blast Furnace : 6,00,000 TPA
Coke Oven : 4,50,000 TPA

2025 :

Ductile : 2,00,000 TPA

A RANGE OF PRODUCTS TO

FORGE THE FUTURE



We have a wide range of products across the steel value chain, all of which are produced from Heat Treated Steel in Integrated Steel Plants and used in a variety of industries that are together driving the march of our nation.



All our products go through a wide range of quality tests and processes, which make them apt for a wide variety of constructions like residential, commercial, infrastructural and other projects. This is also aided by the fact that our products are manufactured using high quality raw materials like iron ore, coal and dolomite sourced from mines directly. We strictly maintain chemical composition of steel through spectrometer, and uniformity in its design of TMTs as well as finishing quality of other products through CNC.





Iron Pellets

Total production capacity
3.6 MTPA

Iron Pellets – a type of agglomerated iron ore fines – has better tumbler index when compared to the parent iron ore and can be used as a substitute of lump ore for the production of Sponge Iron and in blast furnaces for the production of hot metal. Our Pellets are produced with Cold Churning Strength (CCS) of 210+ and porosity of 24+ which helps to maintain grade in DR term – 90+, and their Mean Particle Size (MPS) is approx. 4.5–10 which assists in reducing oxygen in kiln and maintaining the consistency in grade.

Apart from using Pellets as inputs for our finished products, we also sell them in Chhattisgarh, Jharkhand, Maharashtra, Odisha and West Bengal.

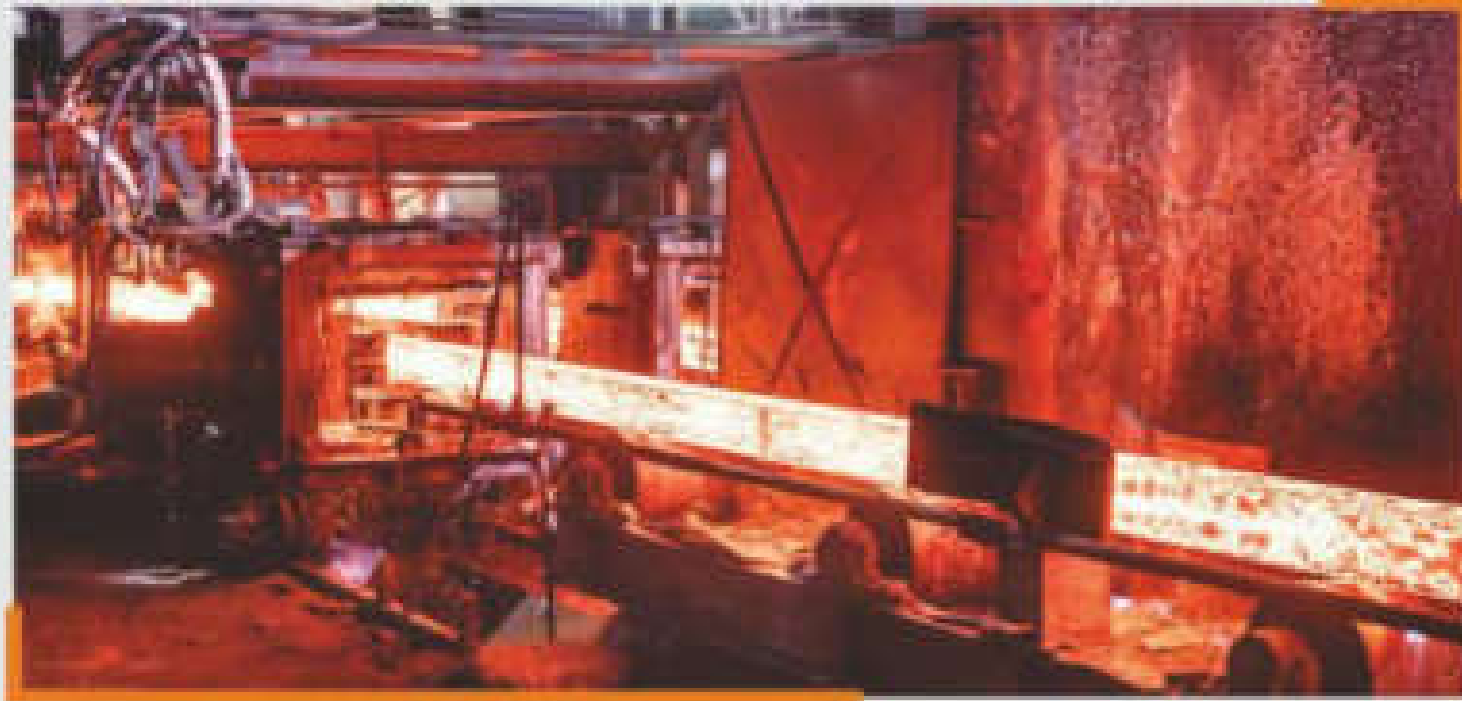


Sponge Iron

Total production capacity
2.30 MTPA

Sponge Iron, a metallic product which is a spongy mass of iron, is produced through direct reduction of iron ore pellet in the solid state by the removal of oxygen. It's a substitute for scrap and is mainly used in making steel through the secondary route, as well as various other steel items like TMT Re-bars, GI pipes and so on.

We are the fourth largest Sponge Iron manufacturer in India, and as an intermediate product, our Sponge Iron is sold across the country in Assam, Bihar, Chhattisgarh, Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Meghalaya, Rajasthan, West Bengal and Uttarakhand.



Billets

Total production capacity
Approx. 0.94 MTPA
IS:2831:2012 licensed

Typically cast in a rectangular or square cross section compatible with secondary processing, Billets are created directly through continuous casting, extrusion or indirectly through hot rolling an ingot or bloom. They are used as raw material for manufacturing TMT Bars and Structural products.

Apart from using our Billets as input for our finished products, we also sell them as intermediate products in Chhattisgarh, Maharashtra, Punjab, Rajasthan and Uttar Pradesh, along with exporting them to Bangladesh and Nepal.

Sizes: 100 x 100, 120 x 120, 150 x 150 and 180 x 180



Ferro Alloys

Total production capacity
Approx. 0.25 MTPA

Ferro Alloy refers to various alloys of iron with a high proportion of one or more other elements like Manganese, Aluminium or Silicon that impart distinctive qualities to steel and cast iron or serve important functions during production. At a group level, we are India's largest manufacturer of Ferro Alloys and we produce Ferro Chrome, Ferro Manganese, Ferro Silicon and Silicon Manganese. These are used as raw materials for the manufacture of stainless steel products.

We sell Ferro Alloys of various grades as well as specialised Ferro Alloys (low and medium carbon) to steel companies in Haryana, Jharkhand, Karnataka, Odisha, Rajasthan and Uttar Pradesh, along with exporting them to Indonesia, Japan, New Zealand, South Korea, Taiwan, Thailand and United Kingdom.



Wire Rods

Total production capacity
Approx. 0.48 MTPA

We produce high-quality Wire Rods 6.3 mm, 8 mm, 8.5 mm, 7 mm, 9 mm, 9 mm, 10 mm and 12 mm and HD Wire (6-14 SWG) in an efficient and cost-effective manner at both our Jamnala and Sambalpur plants. This is because of the availability of superior technology as well as the in-house manufacture of all required raw materials like Power, Sponge Iron, Pellets, Ferro Alloys and Billets.



Moulding products.
Catalysing industries.



Aluminium Foil

Total production capacity
Approx. 0.04 MTPA*

Our Aluminium Foil plant is a world-class rolling facility which uses FES technology in partnership with the globally renowned Achenbach company from Germany. The plant's energy consumption is focussed on renewability through the usage of eco-friendly infrastructure like rooftop solar panels. And it is any time auditable for contamination-free produce.

Additionally, while others in the same area of production recycle aluminium, we manufacture it from ore.



The plant, process, products and employees are aligned with the principle of Total Quality Management (TQM) and shall conform to BIS (domestic market) and Food Safety Management System (FSMS) certification of ISO 22000 integrated with Quality Management System of ISO 9001 on the fundamentals of GMP ISO 15378 guidelines (international market).

Our aluminium products are marketed in the domestic market and exported to developed countries as well. We comply with all EHS, Pollution and Local laws of the land in our operational areas.



*Million Tons Per Annum

Commissioning Shortly



Blast Furnace



Coke Oven



Sinter



Cold Rolling Mill



S-E-L Tiger TMT Re-Bars

Total production capacity
Approx. 0.30 MTPA



Our S-E-L Tiger TMT Re-Bars are produced from Heat Treated Steel in Integrated Steel Plants, and each bar passes through stringent quality checks. The advanced rib design of each bar gives it maximum Rib Area (AR) Value, ensuring a strong and lasting Tiger Bond with cement (concrete).



Tiger Bond with RCC

The unique rib design of each bar gives it maximum Rib Area (AR) Value, ensuring a strong, long-lasting Tiger Bond with concrete.

Size	As per BIS (Minimum)	Ordinary TMT Rib Area (AR) Value	S-E-L TIGER 550D Rib Area (AR) Value
8	0.96	1.18	1.85
10	1.20	1.46	2.20
12	1.80	2.02	3.48
16	2.40	3.01	5.28
20	3.40	3.96	6.01
25	4.25	4.98	6.42
28	4.76	5.56	7.05
32	5.44	5.92	7.86



Higher Strength and Superior Ductility

S-E-L Tiger TMT Re-Bars have a combination of different microstructures and are manufactured using advanced processes, which give them high strength and ductility.



Strongest Grade in TMT

The combination of Higher Strength and Superior Ductility make S-E-L Tiger TMT Re-Bar 550D the strongest TMT grade.



Fire & Corrosion Resistant

The combined chemistry of steel and advanced quenching process of S-E-L Tiger TMT Re-Bars makes them resistant to fire and corrosion.



Earthquake Resistant

The balanced proportion of Carbon and Manganese in S-E-L Tiger TMT Re-Bars help them meet the Ultimate Tensile Strength to Yield Strength (UTS/YSD) ratio and have a high percentage of elongation, which combine to give them better bondability to resist earthquakes.

S-E-L Tiger TMT Re-Bars come in a variety of sizes for different requirements.

5.5/6 mm

12 mm

25 mm

8 mm

16 mm

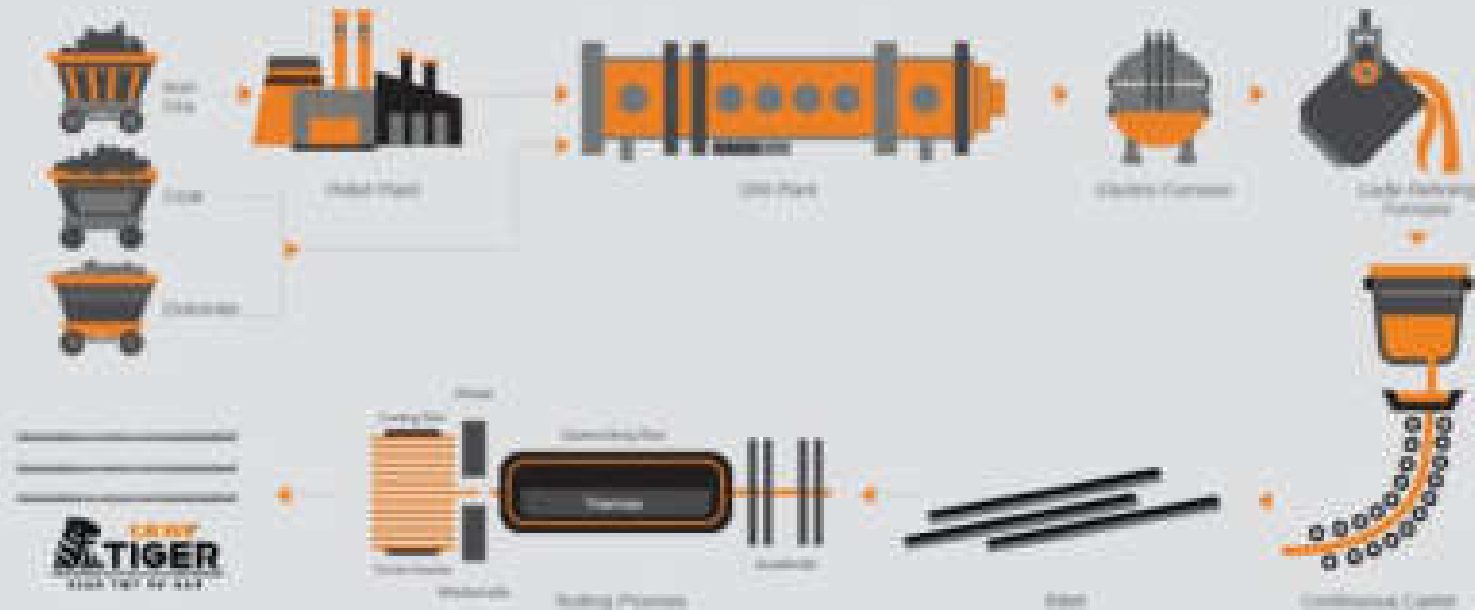
28 mm

10 mm

20 mm

32 mm

S-E-L Tiger TMT Re-Bars are produced through an advanced, quality-controlled manufacturing process, right from extraction of ore to the finished product.



S-E-L Tiger TMT Re-Bars adhere to strict standards of quality, and all processes also comply with the local environmental, health & safety certifications.

ISO 9001:2015 For QMS | ISO 14001:2015 For EMS | OHSMS 45001:2018 | IS 1791:2008 For HCSS TMT Re-Bars



S-E-L Tiger Stirrups

A stirrup is a closed loop of reinforcement bar embedded in any concrete structure to hold the main Re-Bars together. Stirrups play an important part in the making of any infrastructure, as they prevent columns and beams from collapsing under severe stress.

Each S-E-L Tiger Stirrup ensures consistency, quality and an exact 90-degree angle of rigidity, which provides good seismic resistant to the reinforcement.



Uniform & Precise Design

Since S-E-L Tiger Stirrups are machine-made, the exact size and diameter are always accurate as per standard, with equal open ends.



Accurate Dimension

S-E-L Tiger Stirrups maintain their exact dimensions for accurate binding of highest strength for highly ductile TMT Re-Bars.



Variety of Shapes

S-E-L Tiger Stirrups come in various shapes like Square, Circular, Polygonal and U-type or Crossed, and can be used as per precise construction requirements.



Zero Defect and Zero Wastage

S-E-L Tiger Stirrups ensure zero wastage through zero defects – no cracking, bending, twisting or any other deformations.



Easy to Use

S-E-L Tiger Stirrups are ready-to-use, and therefore easy to install without involvement of any labour at the site.



Diameter & Size as per need

The diameter of the bar used for S-E-L Tiger Stirrups is 8 mm. They also come in a variety of sizes (7x7 mm, 7x9 mm, 7x11 mm), and in bundles of 25 pieces.

Structural Steel

Total production capacity – Approx. 0.21 MTPA
IS: 2062:2011 licensed

Our Heavy Structural Steel products are sold under the brand name MS.

These are hot rolled products of special form like beams, channels, angles, flats, rounds and window sections that lend more flexibility to designers and are cost effective options for project owners.

They give strength and shape to buildings, bridges, flyovers, industrial sheds and other such structures. Simpler direct bolting of connections of Ranges are possible with tapered washers. And the availability of high tensile steel grades offers further cutting down on steel tonnage for designers or users.



Our Light Structural Steel products are sold under the brand name S-E-L Tiger Grills&Steels. They integrate aesthetics with strength to create a steel range of superior quality. The intricate manufacturing procedure used makes this range perfect for shaping into any design.



MS FLAT

Perfect for the outer edges/boundaries and grill sections.



MS SQUARE

Steel suited for grill cross sections.



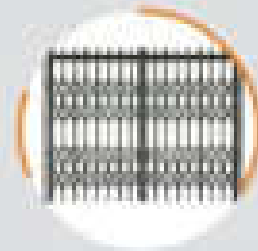
MS ANGLE

Perfectly suited for frame sections.



L ANGLE

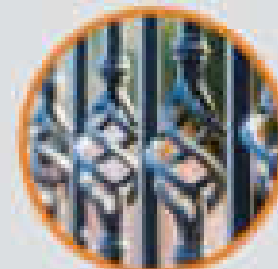
Perfect for the joining section in glass windows or door panels.



WIDE CHANNEL

Best applicable for the frame areas of collapsible sections.

S-E-L Tiger Grills&Steels provides benefits to both fabricators as well as home owners.



Superior malleability



Smooth surface



Uniform length



Wide range of structures

A wide-angle photograph of a steel mill interior. In the center-left, a large furnace or ladle contains bright orange molten metal, with thick white steam or smoke rising from it. To the right, a continuous casting machine is visible, with a bright yellow-orange stream of molten metal being poured into a mold. The background is filled with complex industrial machinery, pipes, and structural steel beams. The ceiling is high with a network of steel trusses and several bright overhead lights. The overall atmosphere is industrial and intense, with a mix of dark metallic tones and the bright colors of the molten metal.

Manufacturing steel.
Driving the nation.

CATALYSING THE NATION'S GROWTH

With a booming business all over the country with a large number of Govt. and private clients, our steel products are providing impetus to the growth stories of a multitude of industries.



Andhra Pradesh	
Arunachal Pradesh	
Assam	
Bihar	
Chhattisgarh	
Haryana	
Himachal Pradesh	Nagaland
Jammu & Kashmir	Odisha
Karnataka	Rajasthan
Madhya Pradesh	Telangana
Maharashtra	Tripura
Manipur	Uttarakhand
Meghalaya	Uttar Pradesh
Mizoram	West Bengal

 Operational areas



China	
Vietnam	
United States	Bangladesh
Rwanda	Nepal
Dubai	Myanmar
Oman	
South Korea	
Taiwan	

MAKING A MARK ON FOREIGN SHORES

At Shyam Metals, we pride ourselves for our global network of clients, and we always strive to deliver the best to them. We export our products to international clients in various countries.



Powering today.
Fuelling tomorrow.

STRONGER TOGETHER



Trips



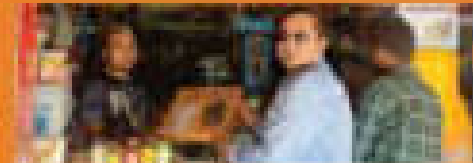
Schemes and Incentives



Dealer Conferences



Plant Visits



Festive Celebrations



Influencer Connect

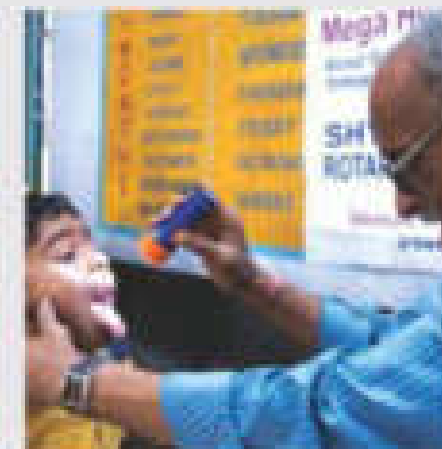
Dealer partners are a very integral part of our business and growth, and we interact and collaborate with them regularly through various initiatives, rewards and celebrations.

We believe that sustainable community development is essential for healthier people and a happier society. And through our Shyam Meridian Care unit, we make a positive contribution to society by supporting a range of local economic, educational, developmental and health initiatives.

SHAPING SOCIETIES, RESPONSIBLY



Sewing Centre for Women



Rural Health Checkups



Healthcare Initiatives



Contributions to nature



Covid-19 Vaccination Centres



Computer Training for Women

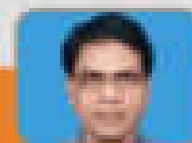
PARTNERING FOR PROGRESS

Over time, our commitment to building big for the nation has led to the forging of strong partnerships with Government bodies and private organisations across the country, some of which are listed here.



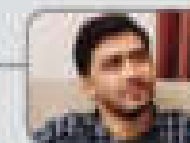
THE TRUST OF PATRONS

Our large pool of satisfied customers is ever-growing, with both our professionalism as well as our products appreciated equally.



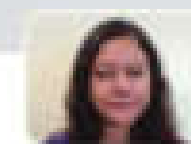
I have been using S.E.L. Tiger TMT Re-Bars at my site and have found the product to be very good, especially the super strong and long lasting Tiger Brand they form with cement. The brand's representatives are also highly knowledgeable. They have my complete faith, and I'm recommending the brand to others as well.

Arshinda Das
Architect & Urban Planner, Shudhinagar



I've been associated with constructions for many years, and I've worked with various TMT brands. I also have knowledge of quite a few mega-projects, and I've noticed that S.E.L. Tiger TMT Bars have been used in many of those. The brand is well-known as being great for various construction needs.

Karan Choudhary
Architect, Rajasthan



As part of my job profile, I draw up plans for buildings. I have recommended S.E.L. Tiger TMT Re-Bars in all my ongoing projects, because I know for a fact that these bars are fire, earthquake and corrosion-resistant. The fact that they are made from 100% pure steel also ensure that they do a great job in strengthening every building.

Aditi Das
Engineer, West Bengal



I'm using S.E.L. Tiger TMT since last year, and I'm extremely satisfied with its performance. It has the highest R₀ Area value among all TMTs because of its unique rib design. I have used previously, and I also got an in-depth understanding of their stringent quality control measures on visiting their plant.

R. Maheswara Reddy
Civil Engineer, Andhra Pradesh

FORGING THE FUTURE

As we surge into a future of possibilities, we're dreaming big for the people who have believed in us, invested in us and partnered with us. And building big for the nation with our purest form of steel.

Every step of the way from
Ore to Metal.



**TODAY'S STRENGTH
FOR TOMORROW'S DREAMS**

**ORE TO
METAL**

Backward and Forward
Integrated

**8.12
MTPA***

Combined Production
Capacity

AA / Stable

CRISIL Credit Rating

*Million Tons Per Annum

Our Offices :

S.S. Chambers, 5 C.R.
Avenue, 2nd & 3rd Floor,
Kolkata - 700072
West Bengal, India

Viswakarma Building, North
West Block, 1st, 2nd & 3rd Floor
86C, Topsia Road, Kolkata- 700 046
West Bengal

Trinity Towers
83 Topsia Road, 7th floor
Kolkata: 700046
West Bengal, India

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