



**BUILDING TOMORROW; TODAY
YOUR PARTNER IN PROGRESS**

TMT REBARS



CEMENT

GALLANTT GROUP

Uttar Pradesh Unit

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Gujarat Unit

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 **9559767333
TOLL FREE**



MINES TO MILL INTEGRATED STEEL PLANT

Our mine-to-mill manufacturing process is a holistic system. Virgin iron ore fines are sourced directly from mines, transported through our company-owned railway racks, unloaded at our own railway sidings, and subsequently processed in our kilns. This integrated approach ensures the highest quality raw materials and finished TMT rebars that meet stringent industry standards for purity, strength, and reliability.

FORGING INDIA'S FUTURE WITH STEEL

FORGING EXCELLENCE

India's ascent is paved with steel and at Gallantt Group, we're not just manufacturers; we're active contributors to this remarkable journey. Our two state-of-the-art, fully-integrated plants in Uttar Pradesh and Gujarat operate as seamless units, transforming iron ore into the backbone of infrastructure, "GALLANTT ADVANCE" TMT Rebars.

Our expertise spans across the entire steel manufacturing spectrum with facilities boasting automatic steelmaking processes incorporating pellett plant, DRI plant, steel melt shop equipped with state of art Ladle refining furnace, coupled with captive power plant and rolling mill along with convenient railway siding under one premises. This integration under one roof ensures unmatched quality, efficiency, and control, empowering us to fulfill the diverse needs of prestigious government and corporate customers.

Our rapid growth isn't just a market share statistic, it's a reflection of our commitment to excellence. Led by astute industry professionals and a veteran advisory board, our team of over 5,000+ individuals fosters a culture of innovation and dedication.

Every "GALLANTT ADVANCE" TMT Rebar we produce contributes to roads, bridges, and structures that connect lives and fuel progress. We believe in the power of steel to build more than structures, it builds dreams, aspirations, and a brighter future for all. By choosing Gallantt, you choose a partner in nation-building, leaving a lasting impact.

Serving prestigious government and corporate customers across the nation.

CRAFTING EXCELLENCE TOGETHER

adani

Reliance
Industries Limited



ESSAR



TATA MOTORS



Uttar Pradesh
Rajkiya Nirman Nigam
U.P. Government Undertaking



Shapoorji Pallonji

MANUFACTURING PROWESS

Our state-of-the-art manufacturing facility embodies unparalleled prowess, integrating a sponge iron unit, steel melt shop, rolling mill, pellet plant, and captive power plant. With precision engineering and cutting-edge technology, we ensure seamless production, delivering high-quality steel products while optimizing energy efficiency and maintaining environmental sustainability.

5000+ EMPLOYEES

20 BILLION INR ASSETS

40 BILLION INR ANNUAL SALES

Units	Total Group Capacity (TPA)
Sponge Iron	1035000
Pellet Plant	792000
Steel Melt Shop	957000
Rolling Mill	950900
Captive Power Plant	129 MW



Steel Making

10 LAC TONS PER ANNUM

PRODUCTS



TMT Bars



Captive power



Cement

INFRASTRUCTURE AT A GLANCE

Fully Automated Steel Making

Captive Power Plant

Company owned railway racks

Railway Siding

Wagon tippler

Sponge Iron Kilns

Pellet Plant

Steel Melt Shop

Ladle Refining Furnace

Rolling Mill

Quenched Tempered In Line Steel Making

Online Real Time Quality Monitoring

Automatic Bar Bending , bundling & Loading

Internationally Acclaimed Labs

Cement Plant

MESSAGE FROM THE CMD

From Vision to Reality: A Leadership Journey

Building on trust, Shaping the future

Gallantt Group's 'Pioneer Mindset' has contributed immensely towards India's growing steel requirement

Gallantt Group is embarking on a journey of innovation, constantly pushing the boundaries of steel technology to create the materials of tomorrow.

Since 1984, Gallantt Group has embarked on a mission to shape India's future, guided by the unwavering tenets of reliability, honesty, and performance. With every single bar we produce, we lay a foundation of trust, contributing not only to national progress but also generating significant economic value. Today, we stand tall as a leading TMT rebar and cement producer, boasting a robust production capacity of 1 million TPA of TMT Rebars and .5 million TPA of cement across our strategic locations in Gujarat and Uttar Pradesh. Our revenue exceeding 40 billion INR is a testament to our commitment to excellence.

This remarkable journey wouldn't have been possible without the unwavering support of our valued stakeholders and dedicated team of over 5000 employees across India, whose tireless efforts and ingenuity fuel our success.

To our esteemed shareholders, thank you for believing in our vision and partnering in our growth trajectory. Your trust is a reflection of our honesty, and we remain committed to delivering sustainable value, upholding this core value in every decision we make.

To our loyal customers, who choose "Brand Gallantt" for their projects, we express our sincere appreciation. Your trust reinforces our unwavering commitment to quality and customer satisfaction, reflecting our core values of reliability and performance. We strive to consistently deliver products that meet your expectations, building trust with every bar and foundation.

To our reliable suppliers, who ensure the smooth flow of resources, we extend our thanks for your partnership. Your collaboration, built on mutual trust and performance, is vital to our operations and continued success. We value your commitment to shared goals.

We sincerely thank our esteemed architects & engineers for their invaluable trust in our company. Your unwavering confidence and contributions not only shape our shared vision but also drive us towards unprecedented excellence in every endeavor.

And to the communities where we operate, we acknowledge the importance of our social responsibility. Thank you for allowing us to be part of your progress, and we remain committed to making a positive impact, guided by our values of

honesty and integrity.

The strong performance of Gallantt Ispat Ltd stocks, listed on both NSE and BSE, reflects our growing profitability and the trust we've instilled. But it's just the beginning. We remain committed to continuous innovation, expanding our footprint, and creating sustainable value for all, staying true to our core values – the cornerstone of our success.

Join us on this journey of progress. Together, let's build a stronger, more resilient India, brick by brick, foundation by foundation.

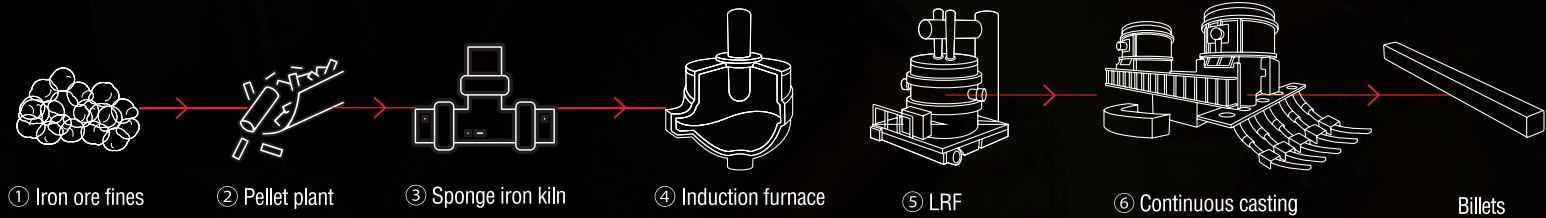
C.P. Agarwal
Chairman & Managing Director
Gallantt Group



REFINING EXCELLENCE: CRAFTING THE CLEANEST AND PUREST STEEL WITH LRF

TMT Bars form the backbone of every construction, be it foundation, column, beam or the slab in any RCC structure across both in commercial and residential projects. TMT bars are used all projects as a prime element providing the required shape, strength, ductility and durability to every civil structure.

Our unwavering commitment to crafting the cleanest, purest steel possible is why we've invested in cutting-edge ladle refining furnace technology. This innovative process meticulously removes impurities by de-sulphurisation and de-phosphorisation, lowering of gas contents, and adjusting temperature for tapping and alloying, resulting in rebar with 20% higher tensile strength and excellent ductility.

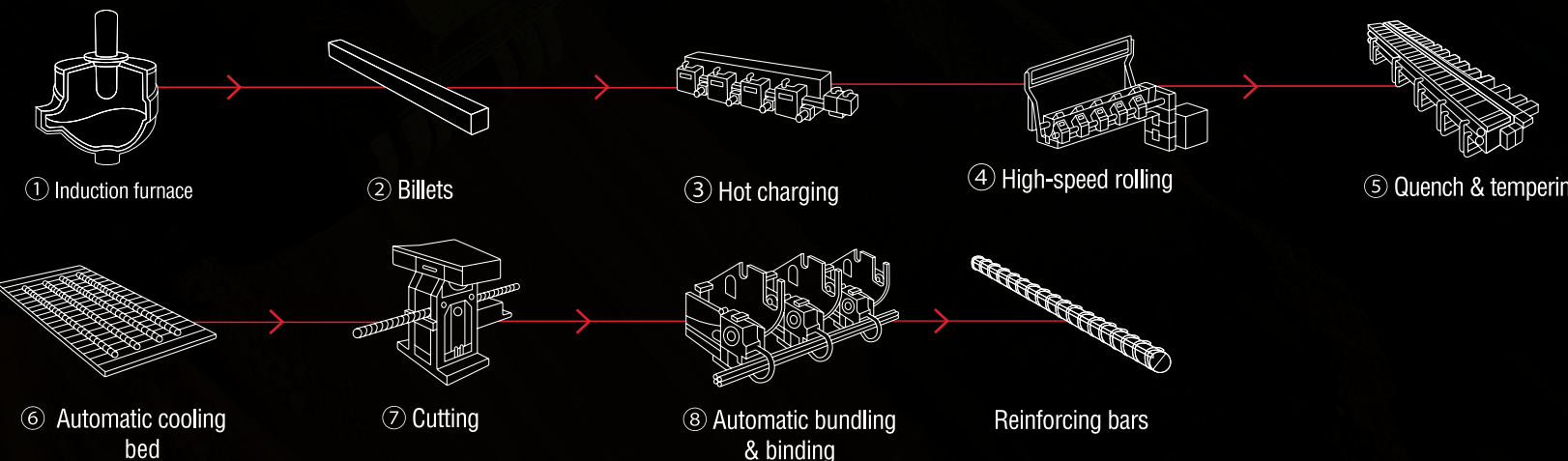


PURITY BEYOND STANDARDS

SYNERGIZING ORE INTO REFINED STEEL

UNVEILING PRECISION: ORE TO REFINEMENT EXCELLENCE

At our cutting-edge manufacturing facility, we facilitate the production of the premium "Gallantt Advance" TMT rebars using Quench Tempered technology. In this modern & advanced plant, we manufacture steel Rebars that boast superior strength with a flawlessly balanced soft ductile core. Our Fe550D grade TMT rebars are ideal for construction projects ranging from small residences to national pride megastructures. We firmly believe that superior processing facilities are essential for crafting exceptional products.





360° GRIP REDEFINED STRUCTURAL STRENGTH

THE POWER OF PRECISION: AMPLIFYING BOND STRENGTH WITH DOUBLE M RIBS

Embarking on a groundbreaking journey, our latest Fe550D TMT Rebars proudly feature the innovative 360° riblock technology with Double M Ribs, setting a new standard in reinforcement technology. This unique rib pattern, strategically designed with double M-shaped ribs along the bar's surface, offers unparalleled grip and a robust Riblock connection with RCC structures. The Double M Ribs create an intricate interlocking mechanism, enhancing the TMT bar's ability to securely grip the concrete matrix. This results in superior load transfer, minimizing the risk of slippage, and fortifying the structural integrity of reinforced concrete elements. The M-Grip, with its distinctive Double M Ribs, not only represents a leap forward in engineering but also signifies our commitment to providing construction solutions that redefine strength, durability, and reliability in every structure we reinforce.

UNVEILING THE DUCTILITY ADVANTAGE: Fe550D REBAR'S UNSUNG ROLE IN SEISMIC RESILIENCE

Navigating the complexities of seismic design, every element plays a crucial role in ensuring structural integrity beyond brute strength. While Fe500 and Fe550 rebar offer adequate strength, Fe550D rebar surpasses them in the crucial aspect of ductility. This inherent flexibility, measured by its capacity for elongation under stress, allows the rebar to bend without breaking during seismic events.



BEST IN CLASS
COMPOSITION

Chemical Properties			
Constituent (Max)	BIS Fe 550	BIS Fe 550 D	Gallantt Advance Fe 550 D

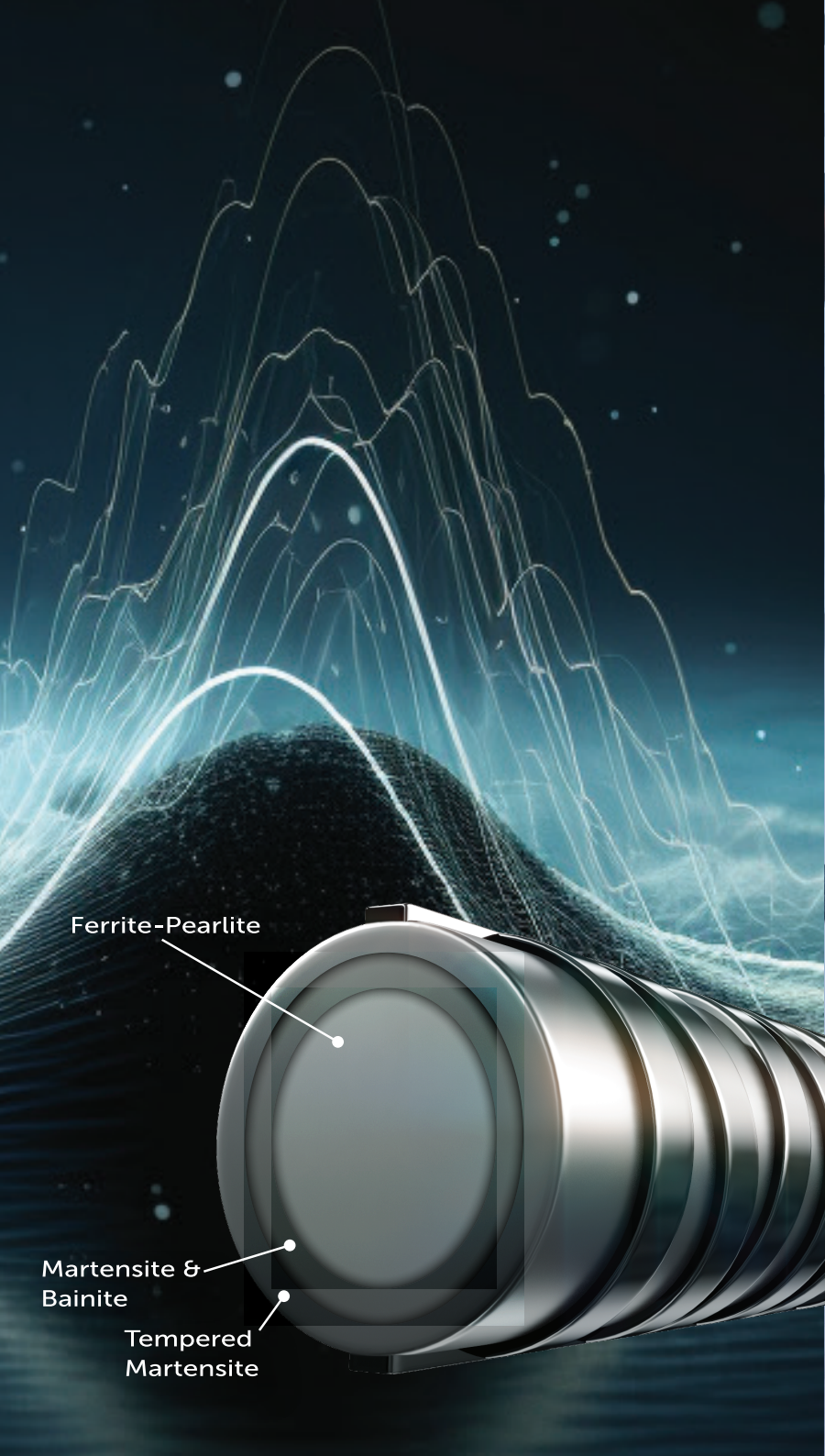
Carbon	0.30	0.25	0.23
Sulphur	0.055	0.04	0.035
Phosphorus	0.055	0.04	0.035
Manganese			> = 0.60
Sulphur+ Phosphorus	0.1	0.075	0.07

Mechanical Properties			
Parameter (MIN)	BIS Fe 550	BIS Fe 550 D	Gallantt Advance Fe 550 D

Yield strength (N/mm2)	550	550	575
Ultimate Tensile Strength (N/mm2)	585	600	650
Elongation (%)	10	14.5	18
UT/YS Ratio	1.06	1.08	1.15

Weight Tolerance as per 1786:2008

Size MM	BIS Standard Kg/Mtr.		Gallantt Advance Kg/Mtr.	
	Tolerance	AVG	Tolerance	AVG
8	±7	0.395	±3	0.382
10	±7	0.617	±3	0.587
12	±5	0.888	±2	0.864
16	±5	1.580	±2	1.541
20	±3	2.470	±1	2.433
25	±3	3.856	±1	3.810
32	±3	6.310	±1	6.212



UNLOCKING THE PERFORMANCE: OPTIMIZING
YOUR PROJECT CHOICE

Feature	Fe550D	Fe550
Yield Strength	600 MPa	550 MPa
Ductility	18%	14%
Earthquake Resistance	Superior due to higher strength and ductility	Good, but less resistant compared to Fe550D
Sustainability	Requires less steel for same strength (Potential Steel Savings: 7-10%)	Requires more steel, leading to higher carbon footprint
Weldability	Excellent weldability	Good weldability
Potential Cost Savings	Higher initial cost due to manufacturing, offset by potential steel savings (Project-specific calculation needed)	Lower initial cost
Fire Resistance	High fire resistance due to superior micro-alloying technology	Moderate fire resistance
Design Optimization	Allows for lighter structures and potentially reduced concrete usage due to higher strength	May require thicker member sections due to lower strength
Bond Strength	Superior bond strength due to double M rib pattern for better grip with concrete	Standard bond strength with traditional rib patterns



FORGING TOMORROW'S ARCHITECTURAL LANDSCAPE

Architects & Engineers our Partners in Progress

At Gallantt, we believe in exceeding the role of a TMT rebar manufacturer. We see ourselves as partners in progress, collaborating with visionary architects and structural engineers like you. Your expertise serves as the compass guiding construction's course, inspiring us to continuously enhance the quality and performance of our TMT rebars to meet the evolving needs of modern architecture.

Together, we strive to create structures that embodies exceptional safety, cutting-edge innovation, and unwavering commitment to sustainability. This collaboration isn't just an advantage; it's the very foundation of our mission - shaping a future where innovation thrives alongside collaboration, leaving a lasting and impactful legacy on the built environment.

We extend our sincere appreciation to you, the architects and engineers whose profound insights propel progress and visionary designs shapes the future.

