



Established in 1973

AJANTA STEEL CORPORATION

Complete Iron and Steel Solutions

MAIN OFFICE & OPERATIONS

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New Delhi, Delhi – 110005, India

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VERIFIED EXCELLENCE

QUALITY POLICY

01. To strive for customer satisfaction by service and technological Integration throughout the supply chain.

02. To Train, Motivate and Encourage Employees in achieving Company's Goals and quality benchmarks.

03. All products pass through best quality systems for material control, testing, and verified traceability.

04. Continually improve our QMS to ensure we stay ahead of global competition and industrial standards.

THIRD PARTY INSPECTION

WE ENDORSE AND ACCEPT GLOBAL INSPECTION AGENCIES

DNV - GL

BUREAU VERITAS

LLOYD'S REGISTER

TUV SUD

ABS CONSULTING

SGS

IRS

EIL / PDIL

MANUFACTURING STANDARDS



CORPORATE PROFILE

EXCELLENCE IN METAL DISTRIBUTION SINCE
1973

OUR LEGACY & EVOLUTION

Ajanta Steel Corporation is a name synonymous with quality and trust. Founded in 1973 by **Mr. J.P. Rawat**, the company was established with a clear mission: to provide high-quality steel solutions under one roof. What began as a dedicated trading house has, over five decades, evolved into India's most comprehensive steel solutions provider and a dominant force in metal distribution.

Our journey of 52 years is built on a foundation of consistent quality and service excellence tailored specifically for the infrastructure, automotive, and heavy manufacturing sectors. Under the visionary leadership of our founder and the strategic operational excellence of our Managing Director, **Mr. Sanjay Rawat**, Ajanta Steel has expanded its footprint across major industrial hubs in India, serving a diverse clientele of over 10,000+ satisfied partners.

OUR MISSION

To supply the highest grade of iron and steel products with unmatched reliability, precision, and efficiency, ensuring our clients achieve superior project outcomes through our material excellence.

OUR VISION

To be the global benchmark for steel distribution and customer-centric metal solutions, fostering innovation in supply chain management and setting new standards in the metal industry.

CORE VALUES & COMMITMENTS

- 01 Quality Assurance:** Rigorous material testing and adherence to international standards for every batch supplied.
- 02 Operational Integrity:** Maintaining transparency and ethical business practices in all global and domestic trade.
- 03 Client Success:** Dedicated technical support and JIT delivery services to ensure project timelines are never compromised.
- 04 Sustainable Growth:** Investing in community development and skill-building as part of our corporate responsibility.

01 52+ Years Legacy

Over five decades of metallurgy expertise and trusted steel distribution across India and global markets.

02 One-Stop Steel Solutions

Wide range across all major steel categories — from structural to specialty grades, all under one roof.

03 OEM & EPC Approved Grades

Supplying certified materials to leading OEMs and EPC contractors for critical infrastructure and automotive projects.

04 Custom Processing & Fabrication

In-house precision cutting, bending, welding, and finishing services to deliver installation-ready components.

05 Pan-India Supply Capability

Strategic warehousing network ensuring Just-In-Time delivery to project sites across all major industrial corridors.

06 Full Traceability with MTCs

100% material traceability with Mill Test Certificates for every batch, ensuring complete quality documentation.

07 Custom Alloy Steel Sourcing

Ability to source custom alloy steels as per specific chemical composition requirements for specialized engineering applications.



OUR STEEL INVENTORY A-Z INDUSTRIAL METALS

01. STRUCTURAL STEEL

Beams, Channels, Angles & Flats.

02. REINFORCEMENT & CONSTRUCTION

TMT Bars & EQR Construction Steel.

03. SHEETS, PLATES & COILS

HR, CR, GP & Stainless Plates.

04. PIPES & TUBES

Seamless, ERW & Hollow Sections.

05. ALLOY, TOOL & SPRING STEEL

Tool Steel, HSS & Engineering Alloys.

06. AUTOMOTIVE GRADE STEEL

CRCA, HSLA & Deep Drawing Steel.

07. ELECTRICAL STEEL

CRGO & CRNO for Transformers.

08. RAILWAY GRADE STEEL

Rails, Fish Plates & Axle Steel.

09. WEATHERING STEEL

Self-Protecting Atmospheric Steel.

10. TIN & COATED PRODUCTS

ETP, TFS & Colour Coated Sheets.

11. ARCHITECTURAL & DESIGNER STAINLESS STEEL

PVD Coated, Etched & Mirror Finishes for Luxury Interiors.



Global Supply, Local Precision

Extensive multi-location inventory ensuring immediate availability for projects of any scale.

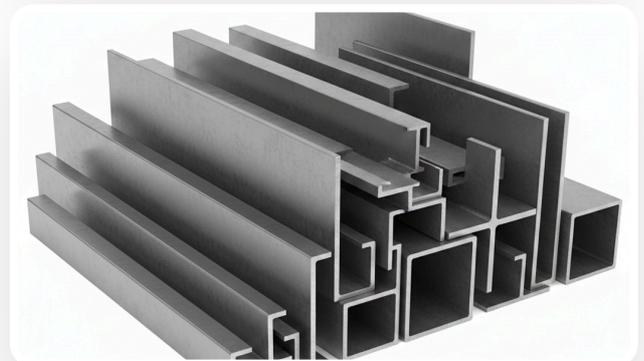
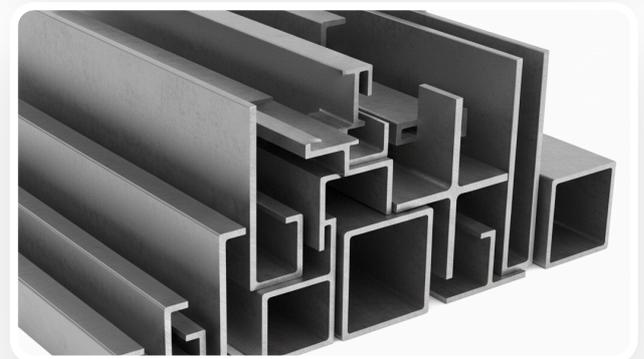


01. STRUCTURAL STEEL

Comprehensive range of Angles, Channels, Beams, and Flats. Known for exceptional strength, weldability, and durability for global infrastructure.

• **PREFERRED BY EPC CONTRACTORS FOR METRO AND INFRASTRUCTURE PROJECTS**

PRODUCT TYPES	I & H Beams, C & U Channels, Equal/Unequal Angles, Flat Bars
SIZE & DIMENSIONS	Beams: up to 600mm; Channels: up to 400mm; Angles: up to 200mm
MATERIAL GRADES	IS 2062 E250/E350, ASTM A36, S275JR, S355JR, SS 304/316
MECH. PROPERTIES	Tensile: 410-540 MPa, Yield: 250-350 MPa, Elongation: >23%
SURFACE & FINISH	Mill Finish, Hot-Dip Galvanized, Sandblasted, Primer Coated
TECHNICAL SPECS	6m/12m lengths; Custom cuts; C: 0.23% Max, Mn: 1.50% Max
QUALITY STANDARDS	IS 2062, IS 808, ASTM A6, EN 10025, JIS G3101



CHARACTERISTICS

- High Structural Integrity & Robustness
- Excellent Weldability & Fabrication
- Enhanced Corrosion Res. (Galvanized)
- High Durability and Static Strength

MAIN APPLICATIONS

- Large Scale Bridges & Infrastructure
- Shipbuilding & Heavy Marine Frames
- High-Tension Transmission Towers
- Civil Construction & Residential Framing



02. REINFORCEMENT STEEL

Premium quality TMT Bars & Earthquake-Resistant (EQR) Steel. Engineered for superior bond strength, ductility, and seismic resistance.

• PREFERRED BY EPC CONTRACTORS FOR METRO AND INFRASTRUCTURE PROJECTS



PRODUCT TYPES	FE 500/500D/550D TMT Bars, CRS (Corrosion Resistant), EQR Steel
SIZE & DIMENSIONS	Diameter: 6mm - 40mm; Sections: Round, Ribbed, Coiled, Pre-bent
MATERIAL GRADES	IS 1786:2008 Grade Fe 415/500/500D/550/550D/600
MECH. PROPERTIES	Yield: >520 MPa; Tensile/Yield Ratio: >1.15; Elongation: >16%
SURFACE & FINISH	Self-Protective Ribbed Pattern, CRS Coated, Clean Mill Surface
TECHNICAL SPECS	Tolerance: +/- 3-7%; C: 0.25%, S/P: 0.040% max; TMT Quenched
QUALITY STANDARDS	IS 1786:2008, ASTM A615, BS 4449 Grade 460/500

PROPERTIES

- Superior Concrete Bonding Interface
- Thermo-Mechanical Treatment (TMT)
- Optimized Seismic Energy Absorption
- Fire Resistance & High Thermal Stability

APPLICATIONS

- High-Rise Metro-City Skyscrapers
- Heavy Load Bridges & Metro Viaducts
- Dams, Tunnels & Strategic Foundations
- Residential Multi-Story Buildings

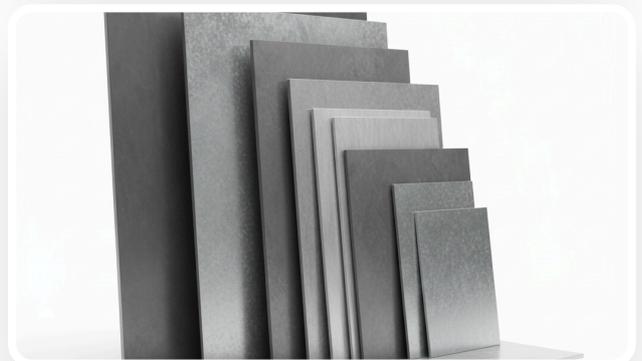
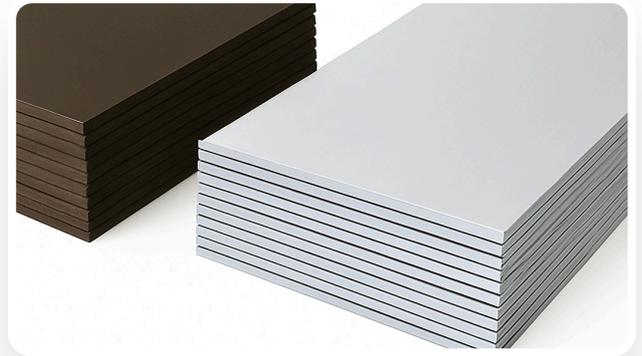


03. SHEETS, PLATES & COILS

Extensive range of HR, CR, Galvanized, and Stainless Steel Sheets and Plates suitable for precision engineering and heavy fabrication.

• **PREFERRED BY EPC CONTRACTORS FOR INDUSTRIAL AND INFRASTRUCTURE PROJECTS**

PRODUCT TYPES	Hot Rolled (HR), Cold Rolled (CR), Galvanized, SS Plates
SIZE & DIMENSIONS	Thick: 0.20-150mm; Width: 1000-2500mm; Length: up to 12m
MATERIAL GRADES	IS 2062, IS 513 (CRCA), IS 10748, ASTM A36, SS 304/316/310
MECH. PROPERTIES	Tensile: up to 550 MPa; Yield: up to 350 MPa; HR/CR optimized
SURFACE & FINISH	Mill Finish, Pickled & Oiled, 2B/BA, Zinc (90-275 gsm)
TECHNICAL SPECS	Normalizing, Stress Relieving, PVC Coating, Precision Slitting
QUALITY STANDARDS	IS 2062, IS 513, ASTM A240, JIS G3101, EN 10025



CHARACTERISTICS

- Excellent Formability and Cold Bending
- High Strength-to-Weight Optimization
- High Finish for Aesthetic Applications
- Precision Thickness Tolerances

APPLICATIONS

- Automotive Panels & BIW Components
- Industrial Storage Tanks & Boilers
- Pharma Equipment & Food Processing
- Roofing, Cladding & Façade Systems



04. PIPES & TUBES

High-quality ERW Pipes, Seamless Pipes, and Hollow Sections catering to essential fluid transport and structural needs.

• **PREFERRED BY EPC CONTRACTORS FOR METRO AND INFRASTRUCTURE PROJECTS**

PRODUCT TYPES	Seamless, ERW, GI Pipes, Hollow Sections (SHS/RHS)
SIZE & DIMENSIONS	Dia: 1/2" to 24" NB; Walls: 1.2mm to 50mm (Sch 10-XXS)
MATERIAL GRADES	IS 1239, IS 3589, IS 4923, IS 3601, ASTM A106 Gr B, API 5L
MECH. PROPERTIES	Yield: >240 MPa (MS); Tensile: >415 MPa; Hydro-tested
SURFACE & FINISH	Black, Varnished, Hot-Dip Galvanized, Epoxy Coated, Threaded
TECHNICAL SPECS	OD Tol: +/- 1%; Wall Tol: +/- 10%; Beveled/Square Ends
QUALITY STANDARDS	Mill Test Cert (EN 10204 3.1); NABL Lab Tested; BIS Certified



CHARACTERISTICS

- Exceptional Pressure Handling Capacity
- Consistent Wall Thickness for Precision
- Smooth Internal Finish for Fluid Flow
- Durable Structural Weight Loading

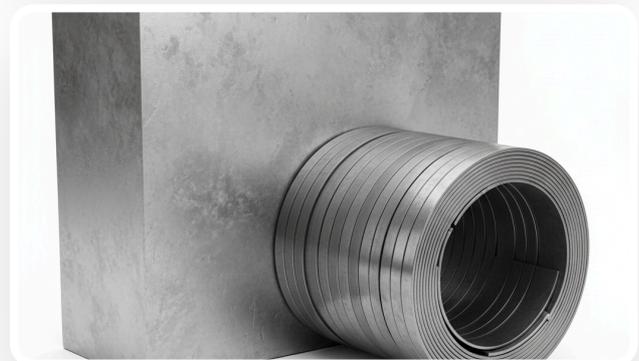
APPLICATIONS

- Oil, Gas & Water Transportation
- Industrial Scaffolding & Shed Frameworks
- Plumbing & Fire Protection Systems
- Industrial Systems & Pressure Lines



05. ALLOY, TOOL & SPRING STEEL

Tool Steel, HSS, Alloy Bars, and Armor Plates. Designed for heavy engineering, tools, gears, and defense applications.



PRODUCT TYPES	Tool Steel, Alloy Steel Round/Flat Bars, Die Steel, HSS
SIZE & DIMENSIONS	Rounds: 10-800mm Dia; Flats/Blocks: up to 600mm width
MATERIAL GRADES	D2, D3, H11, H13, P20, EN-8/9/19/24/31, SAE 4140
MECH. PROPERTIES	Tensile: 700-1200 MPa; High Fatigue and Impact Strength
SURFACE & FINISH	Annealed (200-250 HB), Hot Rolled, Peeled, Bright Ground
TECHNICAL SPECS	Nitriding, Vacuum Heat Treatment, Hardening (up to 62 HRC)
QUALITY STANDARDS	ASTM A681, DIN 17350, BS 4659, IS 3748

CHARACTERISTICS

- Exceptional Wear & Impact Resistance
- High Dimensional Stability after Hardening
- Superior Machinability in Annealed State
- Armor Grade Ballistic Resistance

APPLICATIONS

- High-Precision Dies, Punches & Moulds
- Automotive Transmission Gears & Shafts
- Cutting Tools, Milling Taps & Drills
- Defense & Armored Vehicles

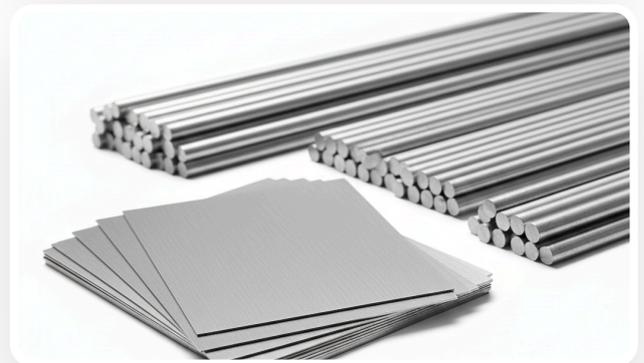
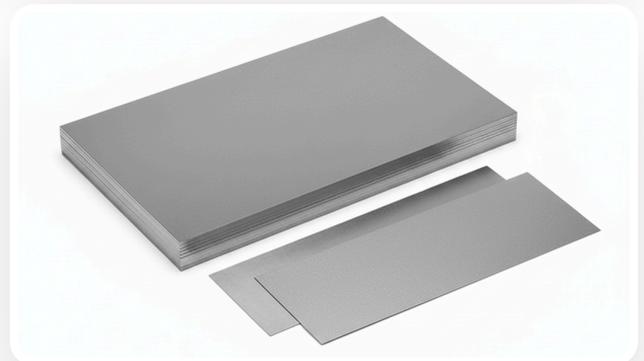


06. AUTOMOTIVE GRADE STEEL

Supplying CRCA, DP, IF, and HSLA Steel meeting OEM requirements for high-formability, safety, and vehicle weight optimization.

• **WIDELY USED IN OEM-APPROVED AUTOMOTIVE SUPPLY CHAINS**

PRODUCT TYPES	IF/EDD Steel (Stamping), AHSS (Safety), HSLA (Structural)
SIZE & DIMENSIONS	Thick: 0.60 - 4.0mm; Width: up to 1850mm; Slit Coils
MATERIAL GRADES	IS 513 CR1-CR4, DP 600/800, SAPH 440, SPCC/SPCD/SPCE
MECH. PROPERTIES	Deep Drawing ($r > 1.8$); Yield: 140-800 MPa; AHSS Optimized
SURFACE & FINISH	Class A/B Finish, Skin Passed, Non-Oiling/Oiled option
TECHNICAL SPECS	Ultrasonic Tested, Profile Control, 100% Surface Inspection
QUALITY STANDARDS	Compliant with MS, TATA, Mahindra, and Toyota Standards



CHARACTERISTICS

- High Strength-to-Weight Optimization
- Exceptional Deep Drawing Properties
- Advanced Welding Compatibility (BIW)
- Premium Surface for Paint Adhesion

MAIN APPLICATIONS

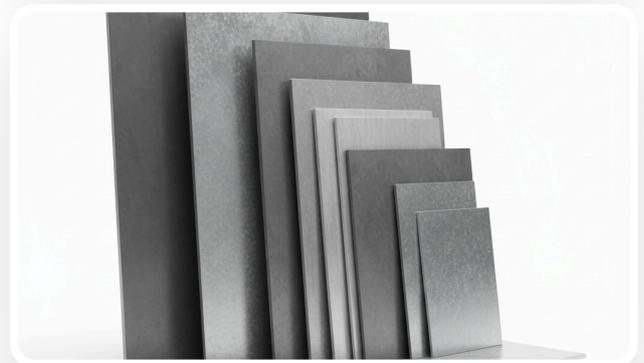
- Body-in-White (BIW) Panels & Roofs
- Structural Chassis & Cross-Members
- High-Stress Suspension components
- Reinforcements & Safety Cage Parts



07. ELECTRICAL STEEL

Premium CRGO and CRNO steel essential for energy-efficient transformers, motors, and electrical infrastructure.

PRODUCT TYPES	Cold Rolled Grain Oriented (CRGO), Non-Oriented (CRNO)
SIZE & DIMENSIONS	0.23-0.30mm (CRGO); 0.35-0.65mm (CRNO); Precision Slit
MATERIAL GRADES	M-Grades (M3-M6), HiB Grades, Laser Scribed CRGO
MECH. PROPERTIES	Core Loss: <0.90 W/kg @ 1.7T (CRGO); High Permeability
SURFACE & FINISH	Phosphate-based Insulation (Cr-free options); Burr-free Edges
TECHNICAL SPECS	Stacking Factor: >97%; Stress-relief Annealed (CRNO option)
QUALITY STANDARDS	IS 3024, IS 648, IEC 60404, ASTM A677



EFFICIENCY FACTORS

- Minimized Eddy Current Core Loss
- Optimized Magnetic Flux Density
- Strong Mechanical Resilience
- Zero Interlaminar Short Circuits

APPLICATIONS

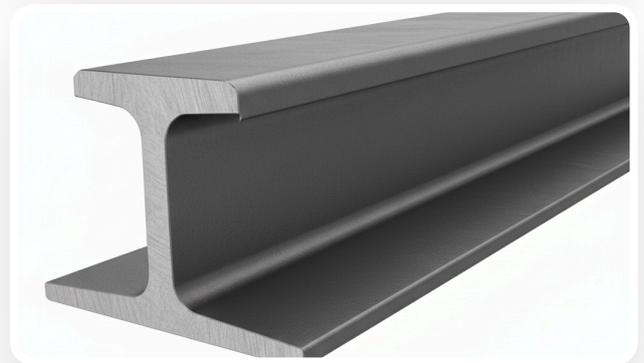
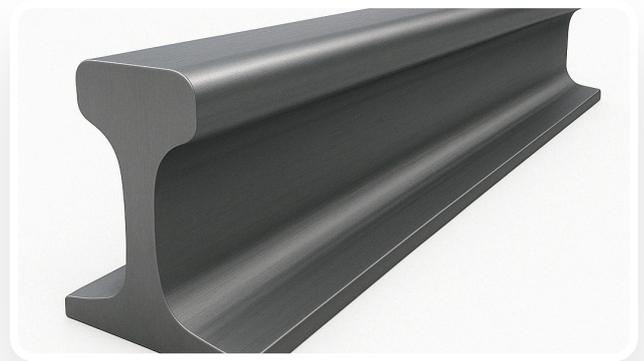
- Power & Distribution Transformers
- Industrial & Consumer Motors
- Generators & Wind Turbines
- High-Frequency Conversion Hardware



08. RAILWAY GRADE STEEL

High-grade Rails, Wheels, and Bogies manufactured for modern heavy load and high-fatigue resistance.

PRODUCT TYPES	Railway Rails (Flat Bottom), Locomotive Axles, Wheels
SIZE & DIMENSIONS	52 Kg/m, 60 Kg/m (UIC 60), R65 Grade; Lengths up to 26m
MATERIAL GRADES	880 Grade, 1080 HH (Head Hardened), IRS T-12:2009 Spec
MECH. PROPERTIES	Hardness: 260-400 HB; Tensile: 880 to 1180 MPa
SURFACE & FINISH	Precision Straightened, Decarburization-free, Mill Finish
TECHNICAL SPECS	Ultrasonic/Eddy Current Inspection, Vacuum Degassed
QUALITY STANDARDS	IRS, UIC, EN 13674-1, AREMA Standards Compliance



DURABILITY FACTORS

- Heavy Vertical Load Capacity
- Long-term Wear Resistance
- Profile Accuracy for High-Speed
- Resistance to Thermal Stress

MAJOR CLIENTS

- National Railway Networks
- Metro Rail Corporations
- Dedicated Freight Corridors
- Locomotive Manufacturers



09. WEATHERING STEEL

Corten Steel develops a protective rust-like patina, combining High durability with a striking industrial aesthetic.

PRODUCT TYPES	Corten A, Corten B (Weather Resistant), Plates/Sections
SIZE & DIMENSIONS	Thick: 2.0mm to 100mm; Sheets, Plates, Angles, Channels
MATERIAL GRADES	S355J0WP, S355J2W, ASTM A588, ASTM A242, JIS G3114
MECH. PROPERTIES	Yield: >345 MPa; Tensile: 485-630 MPa; Elongation: >21%
SURFACE & FINISH	Natural Patina Finish (develops protective orange-brown)
TECHNICAL SPECS	Cu-Cr-Ni Alloyed for self-protection; Mill Finish available
QUALITY STANDARDS	ASTM A588, ASTM A242, EN 10025-5, JIS G3114



UNIQUE FEATURES

- Zero Maintenance Requirement
- Naturally Evolving Patina Look
- Extreme Corrosion Barrier
- High Structural Load Bearing

APPLICATIONS

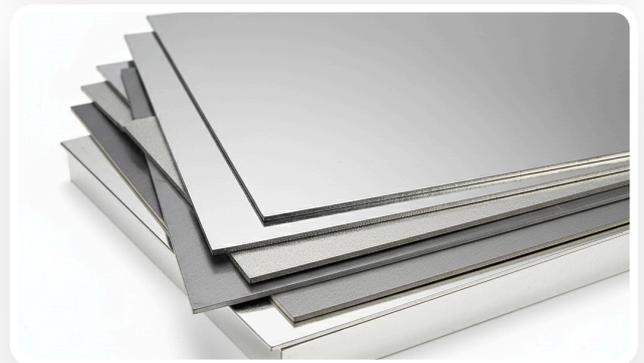
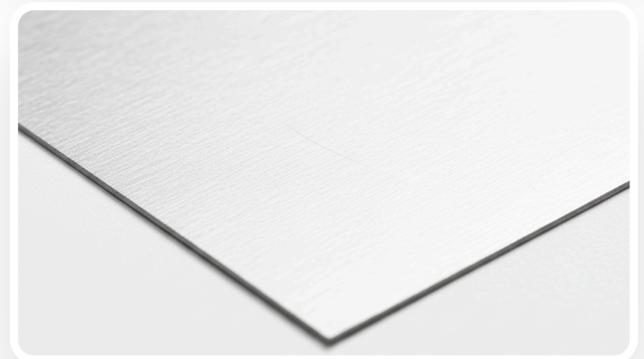
- Architectural Facade Cladding
- Public Sculptures & Monuments
- Highway Bridges & Signage
- Urban Landscaping & Retaining Walls



10. TIN & COATED STEEL PRODUCTS

Electro-Galvanized, Tin Plate, and Colour-Coated Sheets (PPGI) for packaging and industrial applications.

PRODUCT TYPES	Electrolytic Tin Plate (ETP), TFS/ECCS, PPGI/PPGL
SIZE & DIMENSIONS	0.13-0.50mm (Tin); 0.30-1.50mm (Color Coated); Coils/Sheets
MATERIAL GRADES	Temper T-1 to T-4; DR-8/DR-9; G3303 Stand.; Food-Grade
MECH. PROPERTIES	Tin Coat: 1.1-11.2 g/m ² ; Zinc: to 275 gsm; Paint: 20-30μ
SURFACE & FINISH	Bright, Stone, Matte, Silver, Wood-Grain, Textured Finish
TECHNICAL SPECS	Batch/Continuous Annealed; Slitted Reels, Scroll Cut Sheets
QUALITY STANDARDS	ASTM A623, IS 1993, JIS G3303, EN 10202



PERFORMANCE

- Highest Surface Quality Control
- Striking Industrial Aesthetic Finish
- Weldable & Fabrication Friendly
- Food-Grade Safety (Tin Plate)

APPLICATIONS

- Food Packaging & Industrial Cans
- White Goods & Home Appliances
- Roofing, Gutters & Wall Panels
- Car Internal Parts & Heat Shields



11. DESIGNER STAINLESS STEEL

Premium SS304 and SS316 grades with modern finishes for elevators, luxury facades, and high-hygiene hardware.

PRODUCT TYPES	SS Designer Sheets, PVD Color Sheets, Etched/Embossed
SIZE & DIMENSIONS	1219x2438mm (4'x8'), 1219x3048mm (4'x10'); Custom cuts
MATERIAL GRADES	SS 304, SS 316L (Marine Grade), SS 430, SS 201 (Interior)
MECH. PROPERTIES	High-Grade Lamination; Zero Porosity Hygiene Surface
SURFACE & FINISH	Mirror (No.8), Hairline, Satin, Vibration, Bead-Blasted
TECHNICAL SPECS	PVD Color (Gold/Rose/Black); 100µ Laser PVC Protection
QUALITY STANDARDS	ASTM A480, ISO 9001, RoHS Compliant Premium Finishes



VALUE ADD

- Superior Aesthetic Mirror Appeal
- Hygienic Surface (Zero Porosity)
- Zero Lifetime Maintenance
- Heat and Flame Resistance

APPLICATIONS

- Luxury Elevator & Cab Interiors
- Staircase Handrails & Balustrades
- Modern Architectural Facades
- Hospital & Medical Equipment

VALUE-ADDED SERVICES

PRECISION PROCESSING &
FABRICATION

From raw steel to installation-ready components — delivered with precision.

Ajanta Steel Corporation integrates advanced manufacturing capabilities to deliver **Project-Ready Steel**. We transform bulk materials into precision components using state-of-the-art machinery and rigorous quality control protocols.



01. PROCESSING

- Precision Slitting & Shearing
- High-Speed Laser Cutting
- CNC Hydraulic Bending
- Custom Cut-to-Length

02. FABRICATION

- Professional MIG/TIG Welding
- Precision Drilling & Punching
- Sub-Assembly Fabrication
- Advanced Plate Forming

03. FINISHING

- Industrial Hot-Dip Galvanizing
- Anti-Rust Coating & Priming
- PVC Surface Protection
- Seaworthy Export Packing

ENGINEERING & TECHNICAL SUPPORT

Our in-house precision engineering team converts complex CAD blueprints into ready-to-manufacture steel components with zero margin for error.

VERIFIED STANDARD

ISO 9001:2015



Infrastructure & Construction

Supplying high-tensile TMT bars, structural beams, and heavy sections for smart cities, bridges, and metro rail projects across industrial corridors.

Automotive & Engineering

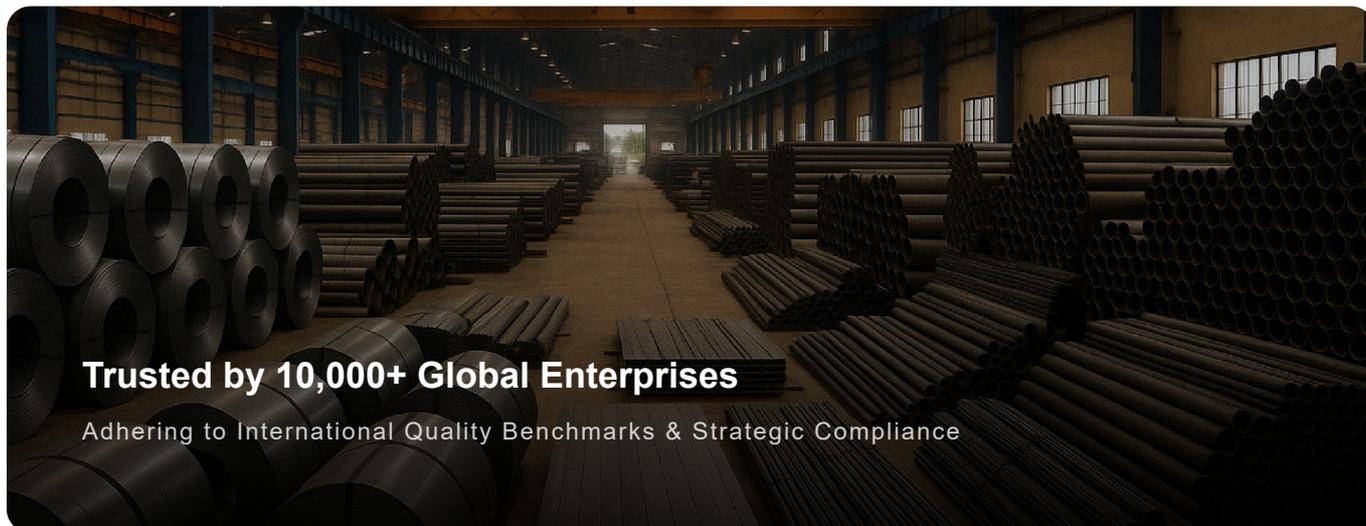
Critical partner for OEMs, providing precision-grade sheets, specialized alloy tubes, and coated steels for high-performance vehicle manufacturing.

Energy & Power Sector

Supplying CRGO/CRNO electrical steels and heavy plates for transformer cores, wind turbines, and oil & gas pipeline infrastructure.

Capital Goods & Fabrication

Empowering heavy engineering firms and fabricators with tailored raw materials and high-precision steel components for machinery production.



01. Technical Authority

52+ years of metallurgy expertise ensuring we provide not just metal, but engineered solutions tailored to your specific project needs.

02. Inventory Depth

Massive, ready-to-ship stock levels across 40+ product categories, ensuring zero lead time for critical project requirements.

03. Logistics Excellence

Strategic warehousing near major industrial hubs allows for Just-In-Time (JIT) delivery, reducing your project's storage and carrying costs.

04. Certified Sourcing

100% material traceability with MTCs provided for every batch. Sourced globally from Tier-1 mills with ISO-certified quality control.

Looking for a technically compliant steel partner for your next project?

Our sales engineers are ready to audit your requirements and deliver a precise quote.

INFO@AJANTASTEELCORP.COM

Application Industries

- Infrastructure & Construction
- Automobile Engineering
- Heavy Manufacturing
- PEB & Structural Fabrication
- Oil & Gas Industries
- Petro-Chemical
- Cement Industries
- Chemical & Pharma
- Food Processing
- Nuclear Power
- Railway Grade Projects
- Water Piping Systems



AJANTA STEEL

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Authorized Distributor, Processor & Exporter of Structural, Industrial & Automotive Grade Steel