

ENDLESS SUSTAINABLE STAINLESS STEEL SOLUTIONS



A STAINLESS LEGACY

India's leading stainless steel manufacturer, Jindal Stainless, achieved a consolidated annual turnover of INR 38,562 crore (USD 4.7 billion) in FY24. The company is expanding its facilities to reach 4.2 million tonnes of annual melt capacity by 2026. Jindal Stainless operates 16 manufacturing and processing facilities across India, Spain, and Indonesia, with a global network of 12 locations as of March 2024.

Jindal Stainless remains focused on a greener, sustainable future, fuelled by environmental responsibility. The company manufactures stainless steel using scrap in an electric arc furnace, which involves lower greenhouse gas emissions and enables recyclability with no reduction in quality. The company aims to reduce carbon emission intensity by 50% well before FY35 and achieve Net Zero by 2050.

STAINLESS STEEL ADVANTAGES:



**Corrosion
Resistance**



**Strength
& Durability**



**Low
Maintenance**



**Better
Aesthetics**



**Light
Weight**



**Increased
Service Life**



**Low Carbon
Footprint**



**Design
Flexibility**



**Lower
Lifecycle Cost**

STAINLESS STEEL INFRASTRUCTURE THAT LAST FOR CENTURIES

Jindal Stainless offers unmatched design flexibility, strength, and resistance to corrosion and fire, making it ideal for public and industrial buildings. Be it for innovative architecture or for durable infrastructure, Jindal Stainless Steel is the answer.

Applications:

- Decorative and color-coated Stainless Steel
- Street furniture and art
- Escalators and elevators
- Claddings
- Railings
- Airport/railway station & public space infrastructure
- SS roofing sheets
- Rebars
- Plumbing

ASSURING SAFETY IN RAILWAYS & MOBILITY

Jindal Stainless Steel's strength, corrosion resistance, and durability ensure long-lasting vehicle and railway components. Its low maintenance and aesthetic appeal suit automotive designs, while impact and fire resistance make it vital for safe, durable, and energy-efficient railway infrastructure.

Applications:

- Bus bodies and components thereof
- E-rickshaw
- Auto chassis, trims, suspension parts, fuel tanks, catalytic convertors, disc brakes, etc. (BSVI Compliance)
- Railway wagons and coaches, & components like water tanks, luggage racks, toilets, foot stairs, etc.
- Metro coaches
- Fish trawlers, pontoons

ENGINEERING AHEAD - PROCESS AND ENGINEERING

Jindal Stainless Steel offers superior corrosion resistance, chemical inertness, and easy sterilization. It withstands the demands of preparing and storing, ensuring durability. Hence, it's ideal for various applications from food processing to marine applications.

Applications:

- Nuclear grade SS for fuel containment & waste handling
- Super critical boilers in power plants
- Desalination applications
- Sugar, food and beverage industry, oil and gas
- Space applications
- Structural applications
- Marine applications
- Chemical, fertiliser and other highly corrosive industries

SOLUTIONS FOR EVERYONE - CONSUMER CENTRIC AND SPECIALIZED USAGES

Jindal Stainless, via JSL Lifestyle Limited, is a global leader in stainless steel grades and lifestyle products. Its Specialty Products Division produces ultra-thin stainless steel strips (0.05 mm) and razor blade steel (0.074 mm) with advanced precision equipment. For nearly two decades, Jindal Stainless has also been a trusted global supplier of coin blanks, with a 10,000-tonne annual capacity serving Indian and international mints.

Applications:

- Razor blades
- Coin blanks
- Surgical instruments
- Special alloys for aerospace, defence & other strategic applications
- Manufacturing of white goods & their components
- Kitchenware and similar applications like tableware, cookware, cutlery, gas stoves, sinks, etc.



STAINLESS SOLUTIONS FOR A BRIGHTER FUTURE



SLAB

A slab has a rectangular cross-section where its width is quite greater than its thickness and typically thickness can be greater than 150mm.



BLOOMS

Blooms are a semi-finished stainless steel in square or rectangular cross-section with a thickness of about 120mm or above and the width is comparable with its thickness.



HOT ROLLED COILS

Hot rolling primarily involves deforming the slab/bloom at high temperature & roll pressure. The rolling temperatures vary from 900 to 1200 °C, which is above the recrystallization temperature for most stainless steels.



COLD ROLLED COILS

Cold rolling reduces thickness to desired dimensions (0.4 mm to 5 mm). Annealing follows to relieve stresses from cold rolling and improve ductility. Coiling facilitates storage and transportation, while additional processing like pickling, surface grinding, or bright annealing enhances the surface finish as needed.



PLATES

Plates are manufactured through continuous casting and subsequent hot rolling of slabs after annealing and pickling, or by cutting hot rolled annealed pickled coils to desired length.

SPECIALITY PRODUCTS



PRECISION STRIPS

Precision strips are cold-rolled for micron-level control, ultra-thin sheets down to 50 microns, and flawless surface finish, ensuring minimal variation across grades for specific applications.



COIN BLANKS

Jindal Stainless produces high-quality stainless steel and non-ferrous coin blanks for Indian and international mints, with a 10,000 metric tonne annual capacity. The process involves blanking, rimming, deburring, cleaning, annealing, polishing, and rigorous inspections before shipping.



RAZOR BLADES STRIP

The Special Products Division at Hisar produces razor blade cold rolled strips as thin as 0.076 mm, supplied to leading Indian and international manufacturers.

FINISH PRODUCTS INCLUDE:



Rebars

High strength deformed stainless steel bars and wires as per IS 16651:2017



Girders

Jindal Stainless offers welded stainless-steel I-beams, H-beams and hollow section tubes for structural members.



Wire Rods

Superior corrosion resistance and high yield strength for application in various industries



Bridge Components

Structural stainless steel grade IRS 350CR/IRS 450CR has been adopted for foot over bridges and road over bridges.



Chequered Sheets

Chequered sheets are made of grade 409M stainless steel, known for its high wear resistance.



Pipes & Tubes

The segment is pivotal within Jindal Stainless Limited, being the first to launch a co-branding scheme in the sector.

ALWAYS AT YOUR SERVICE

The domestic Jindal Stainless service center network, offers convenient, customized, just-in-time deliveries to the doorsteps of its customers.



Customized Sizes



Just-In-Time Deliveries



Inventory Management



Technical Support



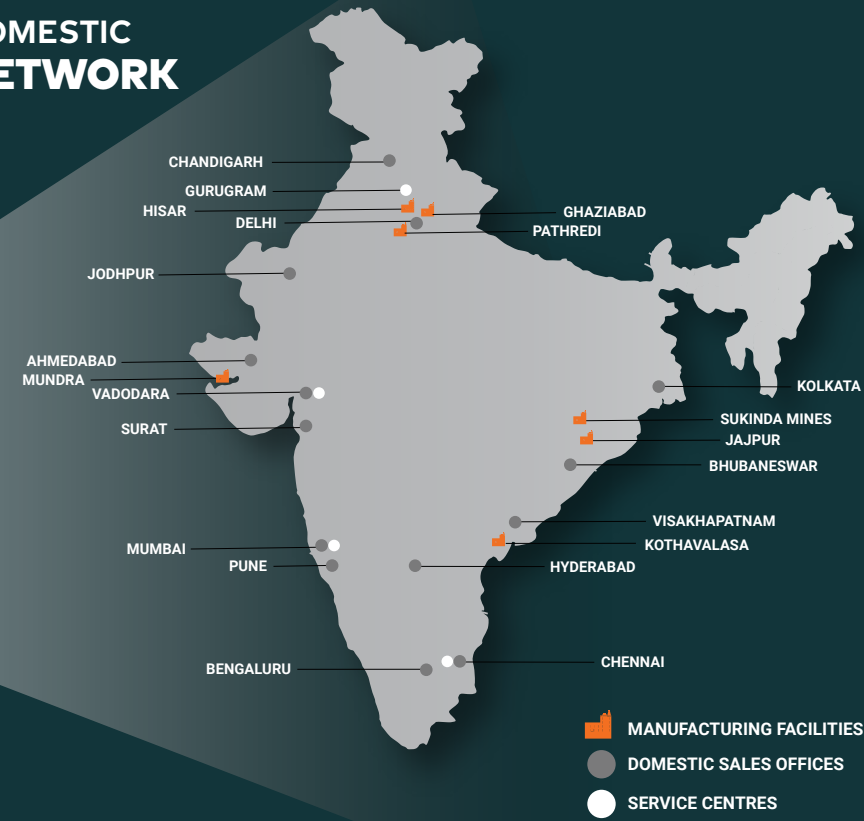
Quality Assurance



GLOBAL NETWORK



DOMESTIC NETWORK





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