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Jindal Stainless Leader in Specialized Products







#1
Stainless steel producer in India



Top Global producer Ex - China



3mtpaStainless steel capacity
Scaling up to 4.2mtpa



~₹ 379bnRevenue (Net)*



~₹ 39bn EBITDA*



0.2xNet Debt/Equity*



50+ Exports to countries



>120 grades
Diversified High End

Product Mix



> 24,000
Manpower (incl. contractual)

Diverse Product Portfolio Redefining Possibilities



Unleashing the spectrum of stainless steel solutions



SMS : Steel Melt Shop HSM: Hot strip Mill

HRAP: Hot Rolled Annealing Pickling CRAP: Cold Rolled Annealing Pickling







Stainless Steel At The Vanguard

JIN DAL STAINLESS

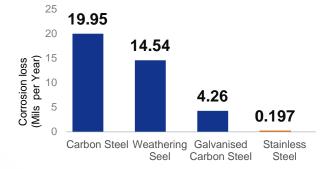
characteristics and popularity

Value - added & Sustainable Metal



GREEN WONDER METAL

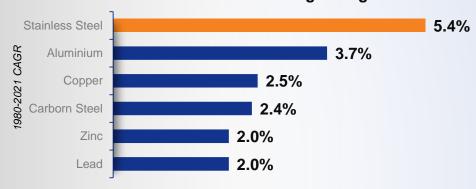
Corrosion resistance under wet /dry salt water environment



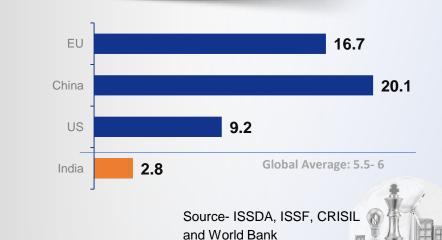
Mils per year unit calculates material loss/ weight loss of a metal surface Source- Industry 9

Favorable growth trajectory

...With stainless steel as the fastest growing metal

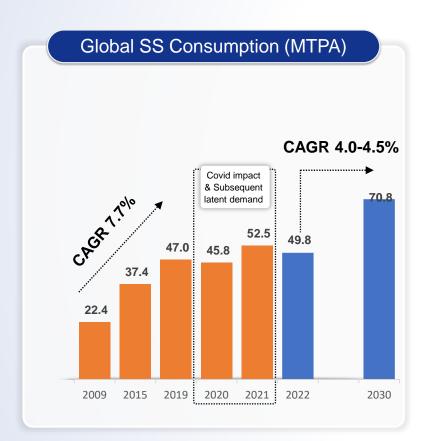


Per Capita Consumption (kg)

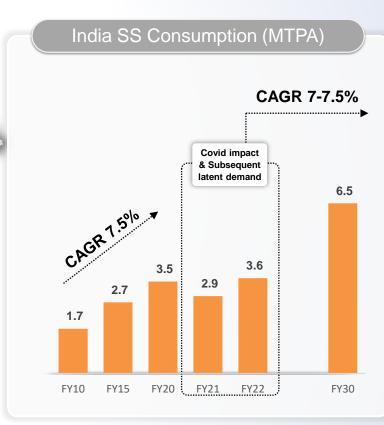


Stainless Steel's **Shining Surge**











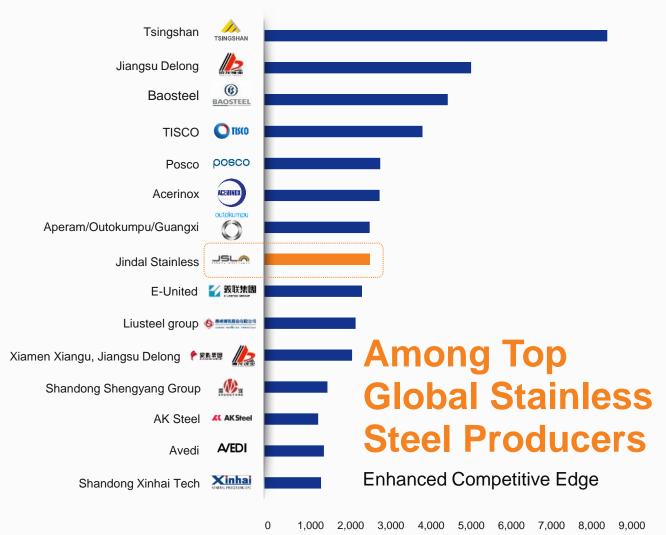
^{*} ISSF melt data converted to conversion by yield loss factor of 10%

JSL Shaping the Global Landscape



Setting new benchmarks in the global stainless steel market





Empowering Industries with an Extensive Product Portfolio



Offering a comprehensive selection of quality products for existing and new sectors

360

PRODUCT APPLICATIONS



Automobile Railway & Transport



Process & Engineering



Architecture Building Construction



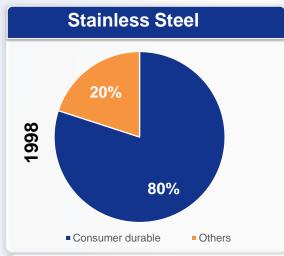
Consumer Durables

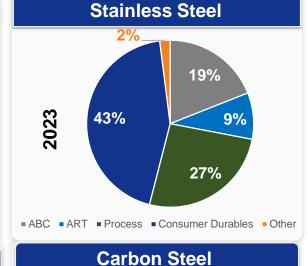


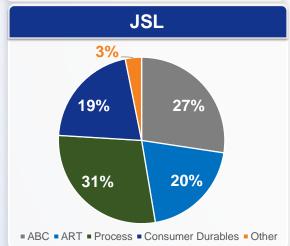
Diversified Consumption Pattern

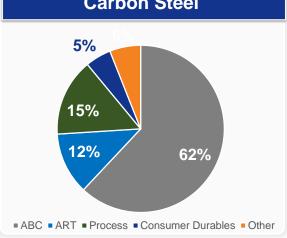


Evolution in Sectoral growth











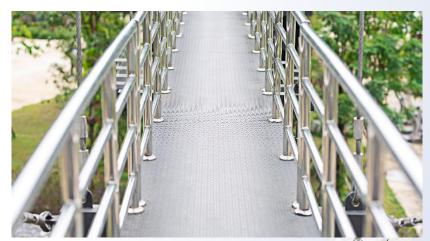
ABC - Architecture Building Construction | ART - Automobile Railway & Transport

Charting New Territories in Consumption Discover the latest market developments and stainless steel applications

Progressive Potential Market								
Particulars	Foot Over Bridge	Road Over Bridge	Flyovers	Underframes	Railway Station (ABC+Structurals)	Airport ABC+Structurals		
Consumption	100-150Mt/Bridge	250-350MT/ROB	2000-2500MT/Flyover	6.6 MT/coach	1500-2000MT/Station	2000-2500MT/Airport		
Why SS	Corrosion resistance, Weight reduction, Durability, Safety, Aesthetics, Low maintenance, Faster construction							
Potential	1000 FOB/Yr	300/Yr	1000 Bridges/Yr	8000 coaches	7700 (Redevelopment- 1275)	137 Airports		







Charting New Territories in Consumption Discover the latest market developments and stainless steel applications

Progressive Potential Market								
Particulars	Ethanol	Green Hydrogen	Water	Nuclear				
Consumption	per 100 klpd, 450-500 MT	5MMTA of hydrogen will use 70-80KT of SS	300-500 MT per 100 MLD treatment plant	Nuclear plant of 700-800 MW uses 7000-8000 MT SS				
Why SS	Corrosion resistant, Long LCC, Non-contaminated, Embrittlement resistance, better ductility at cryogenic temp., Hygiene, good weldability. Long lasting, easy to manufacture in different shapes							
Potential	Current capacity 1,380 cr litre and expected to reach 1,700 cr litre by 2025 and target of 20% ethanol blending by 2025,accelerating the usage	At least 5 MMT per year by 2030	1.5 trillion metric cube of water by 2030 with 38,000 MLD of WTP	Current capacity 8180 MW, 22,480 MW by 2032				
Applications	Fermentation tanks, Beer well, CO2 Column, Applications Analyzer column, Heavy molasses tank, Rectifier column	Hydro gen Electrolysers : Bi Polar Plate Hydrogen Generation Equipment: LP Piping, Buffer Tanks, Heat Exchanger, Driers, Cryogenic Storage	Water Treatment Plant: Trash rack equipment, Intake Screens, Weirs, Gates, Piping, Agitators. Treatment sections, Dryers etc	Super critical boilers, Piping. Fission Reactors, Tanks, chimneys				









PROJECT – FOB – Naupada – East Coast Railway

Application

All load Bearing Members including Girders, Columns, Cross Beams etc.









PROJECT – HIMALAYA FOB – CSMT, BMC, Mumbai

Application

All load Bearing Members including Girders, Columns, Cross Beams etc.









PROJECT – ROB – Kalyan Shilphata – Kalyan Patripool - MSRDC

Application

Foundations of Bridges, Columns etc.







India Growth & Infrastructure Push -Driving Demand

Leveraging sectoral opportunities



Auto Railways and Transport

400 new Vande Bharat trains to be introduced in the next three years, alongside a 14% rise in railway capital spending. The funds will be used for new lines, track doubling, and implementing the Kavach System.

Investment of ₹ 75,000 crores, including ₹ 15,000 crores from private sources, for 100 critical transport infrastructure projects, for last and first-mile connectivity for ports, coal, steel, fertilizer and food grains sectors.

Railways received ₹2.40 lakh crore for capital outlay, including a project to redevelop over 50 stations into multimodal transit facilities

100 PM GatiShakti Cargo terminals for multimodal logistics to be developed

Replacing old polluting government and municipal vehicles will boost the manufacturing sector, particularly the auto industry, and ultimately increase stainless steel demand in the country.

Infrastructure

Transforming 508 railway stations across the country under Amrit Bharat Station Scheme with an investment of ₹ 25,000 crore

An amount of ₹ 10,000 cr is expected to make available for creating urban infrastructure in Tier 2 and Tier 3 cities

Completion of 25,000km of national highways

50 additional airports and associated air connectivity

Completion of 8 million houses (under the Awas Yojna plan)

Process Industry

For achieving 280 GW of solar capacity by 2030, ₹ 19,500 crore is allocated for PLI for manufacturing units for solar modules

Four pilot projects for coal gasification and conversion of coal into chemicals required for the industry

Improved scientific management of dry and wet waste and modernized sewers with 100% mechanical desludging of septic tanks and sewers, transitioning from manhole to machine-hole mode.

Implementation of the Ken Betwa Link Project to beneficiate 910,000 hectares of farmland, providing drinking water to 6.2 million people



Government Notifications



Strong Regulatory Support for SS Adoption

With a view to strengthening the quality of infrastructure build-out in the country, the Government of India has issued several circulars directing the usage of Stainless Steel in key infrastructure sectors. This is providing a tailwind to the demand in the country



The Ministries of Road Transport and Railways now require stainless steel for reinforced bridges in marine government projects to prevent corrosion and maintain bridge strength.



Indian Railway Standard Code of Practice for General Bridge
Construction (2018) allows for the use of high-strength deformed stainless steel bars and wires as concrete reinforcement, especially in extreme conditions and coastal areas.



Ministry of Road Transport & Highways Circular: Stainless steel (IS:16651:2017) must be used for reinforced concrete bridges on National Highways in extreme environments.



In March 2023, **RDSO** issued alteration drawings requiring the use of anti-skid checkered plates (**IS 6911 compliant**) for gangways, troll refuges, man refuges, side pathways, etc. They also specified the use of recommended stainless steel grade fasteners by the manufacturer.

Stainless steel Durability earns the trust of Minister

Printed from THE TIMES OF INDIA

Need to make use of stainless steel mandatory in bridges close to the sea: Gadkari

NEW DELHI: Union road transport and highways minister, Nitin Gadkari on Tuesday hinted that the government may bring a policy making the use of stainless steel mandatory in bridges in areas that are close to the sea. The minister said this is necessary while flagging how corrosion is one of the major reasons for weakening the strength of bridges. Releasing a book titled "Building Bridges", which captures how his ministry undertook the task of setting up Indian Bridge Management System (IBMS), the minister said, "In localities like Mumbai and other areas close to the sea there is a common problem of rusting of the steel and that reduces strength of buildings and bridges. We may have to make a law that in areas within 30-50 km of a sea, we need to use only stainless steel. Rusting is a big problem. We also need to carry out more studies to find

solutions.

The minister also said there is a dire need to fix the life or expiry date of bridges; carry out timely repair, but that's possible only when there is data on the status of the bridge. "For this we need to have proper audit reports," Gadkari said.

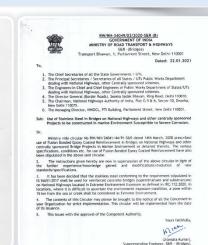
Circulars released by RDSO for Adoption of Stainless Steel checkered plates in Bridge Application





Letter Release by Indian Railways And MORTH for use of Stainless Steel Rebars







Solution Provider

Exploring the various solutions





One stop solution provider





Grade recommendation / customization



Quality Control



Ensures availability of all supportive components for implementation



Identifying implementation vendors



Dedicated JSL technical resource



Welder training



Consultancy in newer application



Fabrication support



Reaching New Horizons with our Presence



Extending our footprint worldwide, empowering growth and collaboration.





Nurturing Expertise & Brand Excellence

Building enduring partnerships with key customers

Branding & marketing

Initiatives to enhance overall market potential



Stainless Steel Pipes & Tubes campaign

Increased genuine Jindal Saathi Seal recognition among fabricators and retailers in 55 cities.

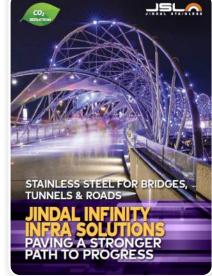




Jindal Infra

Jindal Infinity Infra Solutions

Unified separate entities under the Jindal Infinity Infra Solutions brand, offering comprehensive stainless steel solutions and services in the infrastructure sector.









The Stainless Academy Redefining Stainless Power



Stainless Academy (Awareness & Eco - system Development)

Stainless Education

Courses in 11 Leading institutes likes IITs

Introduction of SS courses in all the polytechnic of Odisha & Haryana

Workshops for hands-on trainings like Production Units of Indian Railways, FOB contractor welders,

Skill enhancement program across downstream MSME industries in partnership with NSDC

Fabrication Upskilling Under Skill India training program

18,000+ Fabricators trained under 200 programs conducted across 150 cities

Under Skill India training program, 41 trainings over 1300+ fabricators trained Supported by Ispati irada & Skill India















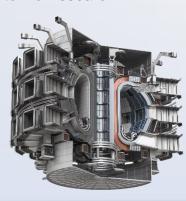
Empowering Our Nation: Safeguarding Security and Driving Growth



Nuclear Applications

We are one of the two companies globally to supply to the prestigious International Thermonuclear Experiment Reactor (ITER) project, ITER's Cryostat Project in France.

Also, supplied to nuclear power projects at Bhabha Atomic Research Centre and and Indira Gandhi Centre for Atomic Research.



Space Application

Suppling Critical special alloys including low alloy steel grade for the booster engine in satellite launch vehicles and Chandrayaan programs

Green Hydrogen

Supplied 40 Mt for 238 MT Storage capacity in LH2 approx. 10 % of 5MMT storage cap in LH2.Balance SS 316L in Low Pressure Piping, Buffer tanks, Heat Exchangers, Drier etc.

Ballistic And Blast Protection

Various grades for the both ballistic and blast application. The material has been used in various OEMs in India for bullet proof vehicles in India Materials for space application

Marine Application

Super duplex alloy for the submarine rocket launcher system

Missile Application

Stainless steel for various parts: high ductility low alloy steel for the missile launcher and booster engine, martensitic steel for missile and launcher components, spring steel for wing locks and missile wings, and low alloy steel grade for the missile canister.













Harnessing Technology for Customer Experience



Unlocking efficiency and connectivity through digitization



Real time data & amp; powerful data analytics



Presales/Sales mobility on cloud



Personalized reports and dashboards



360 degree customer view

Material Auctioning

Visibility to order and payment status



Higher market share & amp; avoid channel conflict



Higher customer satisfaction & amp; staff efficiency



Increase logistics visibility with improved transportation



Increased dispatch & amp; on-time delivery



Reduction in Logistics and Demurrage charges



Online vendor boarding streaming tenders and Po's order



Automated deal creation with reduction in time and operational cost



Seamless post purchase collaboration with suppliers



Greater compliance with low touch catalogue procurement



JINDAL STAINLESS

Fueling **Innovation** and **Advancement** through R&D

R&D division plays a pivotal role in retaining and consolidating JSL's leadership position providing agility to alter product and geographical mix with market dynamics

Developing new R&D center in Odisha

Key focus areas for innovation



Advance R&D division - a key factor driving new customer additions

Successfully developed high-value specialty products to serve niche markets



New grades and variants developed for Nuclear, green hydrogen, lift, and elevator, Auto, metro, railways, foot-over bridge, among others



Efficiently catering to the on-going requirements of existing customers through customization

Quality upgradation of existing products to cater to all and newly evolving end-user segments

Close interaction with reputed national & international laboratories /scientific institutions / universities for critical investigations







Planning, operations, sales, and sourcing underwent a complete overhaul; Adoption of Theory of Constraints (ToC) More than Five decades of experience supported by data analytics helped in transforming the production from Made to Order (MTO) to Made to Anticipation (MTA).

70% shift to MTA resulting in a reduction in lead time by more than one-third, thereby yielding significant productivity improvement

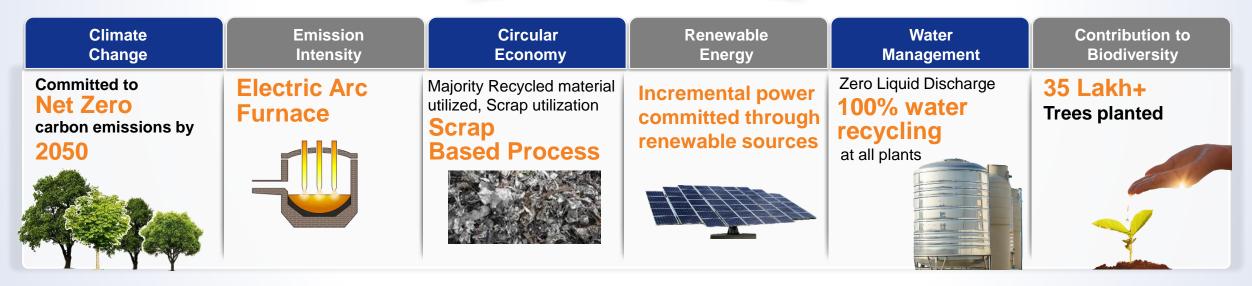
Drastic shift in raw material procurement moved to domestic sources – switch from far off to near by shores to further shorten the supply chain, suppliers' yards moved closer to the factories

Reduced inventory pipeline, releasing working capital.
Debtor days also reduced, strengthening cash flows and balance sheets









Aligned to National & International Frameworks













Community Development

4.5 Lakh+ **Beneficiaries**

through our intensive **CSR** programs to date **Safety management**

Continuous safety programs

Implemented several safety measure & rolled out "Accident free steel" a program which necessitates safe working procedures on site

Training and development

E-learning modules for workers in local language. All employees participate in Toolbox Talks (TBT) which serve as an informal platform to consult all levels of workmen regarding safe work practices

Learning & Development

PARIVARTAN a high potential development program. **AROHAN**

Customized skill upgradation. Aspire & Achieve, Being Better, Masterful Management-Individual **Development Programmes**

Engaging Activities at Plants

International Labour Day, International Women's Day, Safety Celebration Week

Aligned to National & International Frameworks













Policies

Jindal Stainless have formulated several policies within the Company's Corporate Governance framework. These policies help foster an organizational culture that results in transparent, ethical, and responsible operations of the group. Some of the policies and codes adopted by the Company are as featured below:

Whistle blower policy

Policy on disclosure of material event information

Dividend distribution policy

Investor & Shareholder Grievance policy

Remuneration policy

Policy on material subsidiaries

Anti Bribery & Anti corruption policy

Human Right policy

CSR policy

Related party policy

POSH policy

Forex Risk management

Equal Opportunity policy

Product Stewardship

R&D lab at both plants implemented a laboratory management system as per ISO 17025:2017 and certification by NABL to ensure compliance of products as per required specifications.

IATF certification as per IATF 16949:2016 obtained which enforces best practices under Total Preventive Maintenance (TPM).

Stakeholder engagement

The process of identifying stakeholders and engaging with them is based on four elements:

Identification

Open and interactive

Inclusive and proactive

Transparent

Aligned to National & International Frameworks













For incremental energy requirement of 1MTPA expansion in Odisha, signed MoU with M/s Renew Power-~300 MW Wind-Solar Hybrid Renewable project to ensure ~100 MW RTC

Jindal Stainless imports RE power through Open Access to comply the RPO by SERC To increase the Renewable Energy Portfolio into the Energy mix. 21 MWp rooftop solar project is underway Floating Solar
Project (Installed capacity =
7.3MWp, 25 years project; 225,364
MWh energy generation &
2.2 Lakh tCO2 abatement potential

Partnered with Hygenco India Private Itd.

Green Hydrogen to replace fossil fuels

Expected Carbon abatement tCO2/yr 2700 MT per annum

First Green hydrogen plant, catalyze our transition to thermal to clean energy















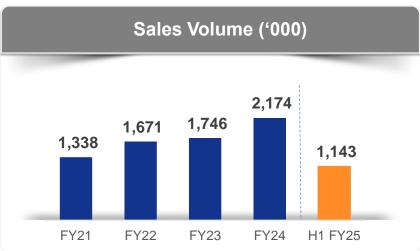


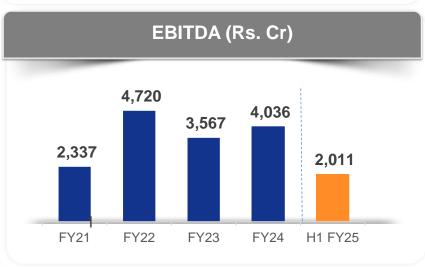


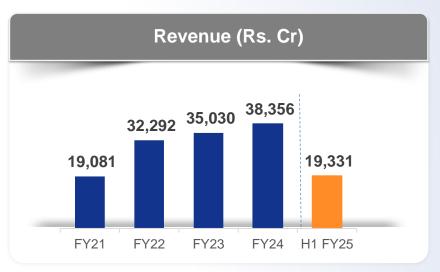
JSL's Stellar Performance

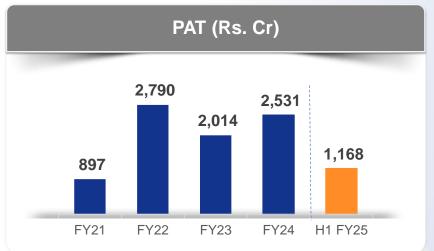














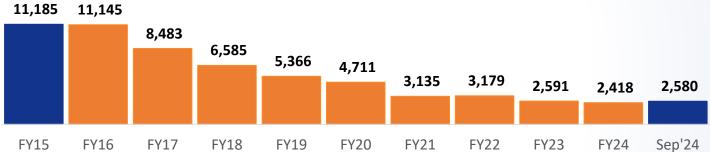
Strengthening Financial Position

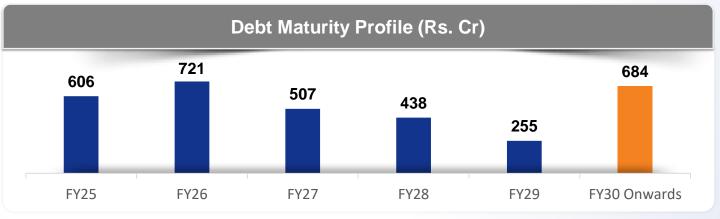


Charting the path for De-leveraging





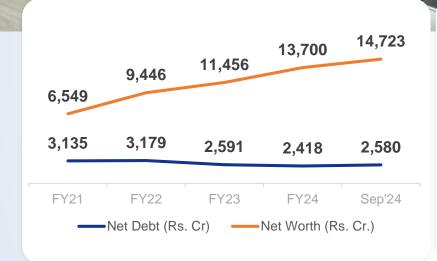




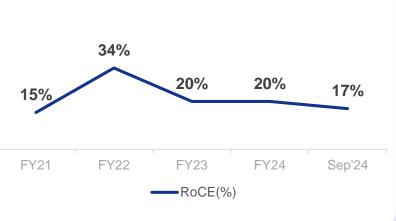
Financial Metrics



Cultivating value through streamlined operations and improved financial performance







Business Gpaph



Growth Roadmap



Strategic Expansion Plan - Upstream and Downstream Augmentation

Three-pronged investment strategy ~INR 5,700 crore to achieve global leadership in stainless steel

~1,618 Cr	Chromeni acquisition (100%) 0.6 MTPA Cold Rolling in Gujarat With landbank of ~400 acre
~710 Cr	JV with 49% stake in Indonesia 1.2 MTPA Melt Shop
~1,900 Cr	Downstream HRAP & CRAP Augmentation
~1200 Cr	Upgradation of Infrastructure facilities and ESG projects
~250 Cr	Speciality Steel ESR Furnance & Forging in Hisar





Noteworthy **Acquisition**

Significant progress and milestones in JSL's journey





Rathi Super Steel Ltd Product Diversification

In November 2022, Jindal Stainless Ltd achieved a successful acquisition of Rathi Super Steel Ltd, adding wire rod and re-bars rolling capacity of 0.16 million tons.

Approach towards product diversification, adds long product (Wire rods & Rebars) in existing product portfolio.



JUSL Integrating the Operations

JUSL acquisition completed on July 20, 2023, with JSL acquiring balanced 74% equity stake for a cash consideration of INR 958 crores.

This acquisition would result in improved synergies between both the companies and a preferred governance structure, thereby enhancing value for all stakeholders.



Stake in NPI Facility Enhancing Raw Material Security

The company has entered into a collaboration agreement with New Yaking Pte Ltd to acquire a 49% stake in a Nickel Pig Iron (NPI) smelter facility in Indonesia.

This strategic partnership aims to strengthen the company's raw material security.

The stake acquisition in the NPI facility marks a significant step towards achieving greater operational efficiency and sustainability.



Rabirun Vinimay Pvt Ltd Product Diversification

In December 2023, Jindal Stainless Ltd achieved a successful acquisition of Rabirun Vinimay Pvt Ltd,

Pipe & tubes capacity of 50KTPA The plant is located at Vidyasagar Industrial Park, Kharagpur, West Bengal in ~ 60 acres of land area



Strategic Capital Allocation for Sustainable Growth



Optimizing returns through resource optimization



Capital Expenditure

Organic & inorganic Capex
Growth projects ensure IRR ~15%

Sustaining Capex for cost and operational efficiencies

Dividend

Target a dividend pay-out upto 20% of the PAT, in any financial year, on progressive basis in future

Optimize Leverage Ratio

Strong balance sheet with controlled leverage: Net Debt/EBITDA <1.5X





Leading the Way



Strong Growth and Sustainable Practices in the Value-Added Stainless Steel Sector

Market Leader with continuous focus on the growth and capacity expansion – To be #1 player ex - China

The state of the s

Strong and deleveraged balance sheet/ capital structure

Robust supply chain for higher efficiencies and wide spread distribution network



ESG Commitment, EAF manufacturing ~72% scrap utilization adding to circular economy

Diversified Product offerings with Flat & Long product - >120 grade

Integrated State-of-art facilities along with innovation and operation efficiency



Contact Us





India's leading stainless steel manufacturer, Jindal Stainless, has an annual turnover of ~INR 386 bn (US \$4.7 billion) in FY24, and is ramping up its facilities to reach 4.2 million tonnes of annual melt capacity. It has seven stainless steel manufacturing and processing facilities in India and abroad, including in Spain and Indonesia, and a world wide network in 15 countries. In India, there are 10 sales offices and six service centers. The Company's product range includes stainless steel slabs, blooms, coils, plates, sheets, precision strips, blade steel, and coin blanks.

Integrated operations have given Jindal Stainless the edge in cost competitiveness and operational efficiency, making it one of the world's top five stainless steel players (ex-China). Founded in 1970, Jindal Stainless continues to be inspired by a vision for innovation and enriching lives and is committed to social responsibility. The Company boasts of an excellent workforce, value-driven business operations, customer centricity and the best safety practices in the industry.

JSL remains committed to a greener, sustainable future, fueled by environmental responsibility. The company manufactures stainless steel using scrap in an electric arc furnace, the least greenhouse gas emission route since it enables 100% recyclability with no reduction in quality, thereby achieving a circular economy. The company aims to reduce carbon emission intensity by 50% until FY 2035 and achieve Net Zero by 2050.

Shreya Sharma

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JUSL Snapshot





FY24 H1 FY25



Sep'24

FY22

FY24 H1 FY25

FY22

FY22

FY23

FY24 H1 FY25

Accolades of Distinction

Recognitions and certifications highlighting industry leadership



Quality

Best Raw Material Supplier Award given to Stainless by Honda Motorcycle & Scooter India

Supplier **Excellence Award** by Whirlpool

Supplier Excellence Award by Sulzer **Excellence Award**



Safety

International Safety Award 2021 to JSHL by British Safety Council



Learning & Development

Young L&D Leader of the year (30-40) at the 5th Edition L&D Vision & Innovation Summit & Award 2022



Environment Management

22ND GREENTECH **Environment Award** 2022 given to JINDAL STAINLESS in the Metal & Mining Sector

Fame Environment Excellence Award 2022 (Platinum) Given To JINDAL Stainless In The Metal & Mining Sector By Foundation For **Accelerated Mass Empowerment**



Platinum Award in "The Energy & Environment Foundation Global Award-2022



Energy Efficiency

Golden Peacock Award for Energy Efficiency for the year 2022 by the institute of Directors

SEEM National Energy Management Awards (Platinum category steel sector)







2nd prize in State level Energy **Conservation Award** 2020 by HAREDA



JSHL awarded Winner of Golden Peacock Award for Energy Efficiency 2021



JSHL awarded Winner of Golden Peacock Award for Energy Efficiency 2022



Platinum Award in "The **Energy & Environment** Foundation Global Award-2021



'Excellent Energy Efficient Unit' Award in **CII National Energy** Management Award-2021



Platinum Award in "Iron & Steel Sector" in SEEM -2020 held on 26th June 2021.



Winner under large Scale Deployment



Shareholding Pattern



