Wires, Tubes, Pipes, Steel Bars and S.S. Sheets Production with Ferrous Metal Casting &

Processing

(Hot Rolled Bars, Hot Rolled Bars, Mild Steel Bars, Seamless Tube and Pipe, Laser Beam Welding, Friction Welding, Spot TIG, Hot Wire TIG, Hot Wire MIG, Machine Reamer, Hand Reamers, Hand Reamers)



Introduction

Ferrous materials have made a major contribution to the development of modern technology; they span a tremendous range of properties and applications. Reflecting the industrial practices, the information provided here offers easy access to reliable processes involved in the manufacturing of Steel products like Steel Bars, Wires, Tubes, Pipes, Sheets etc. that proves to be the backbone of construction and automobile industries booming worldwide.



The work closes the gap in the treatment of steel and cast iron. Each chapter takes into account the gradual transitions between the two types of ferrous materials. It demonstrates that ferrous metal and steel are versatile and customizable materials which will continue to play a key role in the future and also covers the operations performed on ferrous metals for converting them into a commodity.



Market Outlook

Growth in Steel Consumption

2014 (in million tonne)			2015*	2016*
China		710.8	▼0.5	▼ 0.5
US		106.9	▼0.4	▲ 0.7
India	75.3		▲ 6.2	▲ 7.3
Japan	67.5		▼ 2.4	▲ 1.1
S Korea	55.4		▲ 2.7	▲ 2.0
Russia	43.1		▼6.7	▼ 1.6



India's crude steel production grew by 7.4 per cent yearon-year to 95.6 Million Tonnes (MT) in 2016. Total production of crude steel during February 2017 grew by 8.5 per cent year-on-year to 8.08 MT.

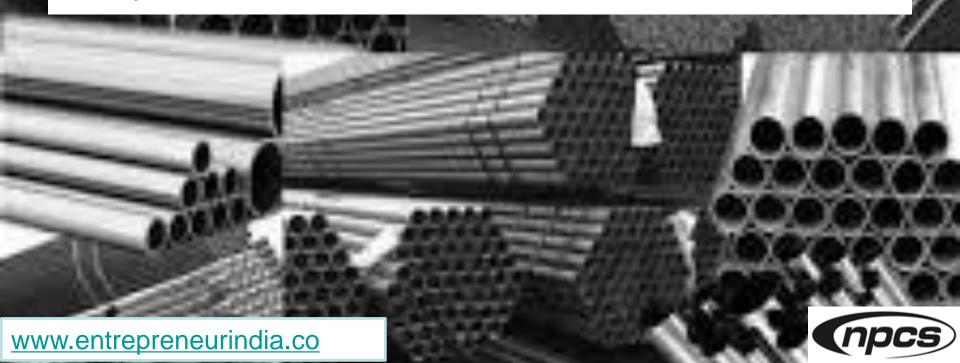
India's steel exports grew 150.0 per cent year-on-year to 0.75 MT in February 2017, while steel imports declined 46 per cent year-on-year to 0.49 MT. Total consumption of finished steel grew by 3.4 per cent year-on-year to 76.22 MT during April 2016-February 2017.



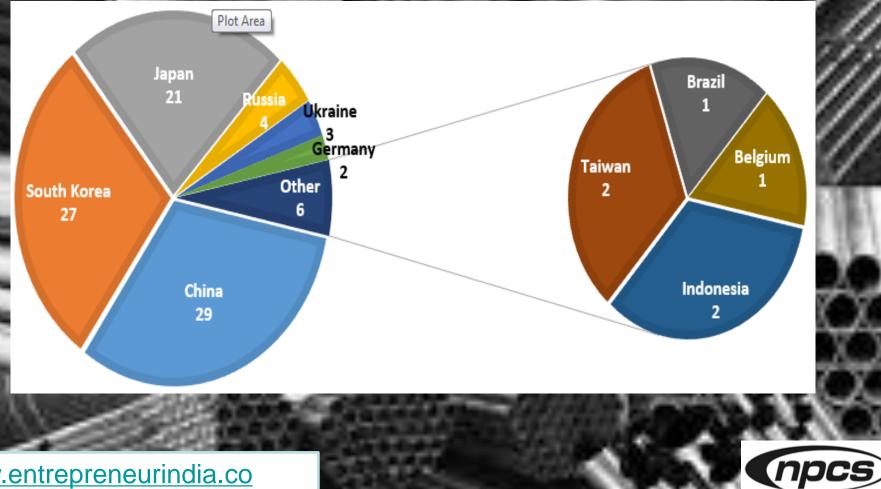
Consumption of Steel (in Million Tonnes)



In 2017, the world steel demand is expected to return to growth of 0.4 per cent to reach 1,494 MT. The Indian steel industry to grow at a CAGR of almost 7% by 2020.



India's Major Steel Import Markets



The global steel tubes market to grow at a CAGR of more than 6% by 2020.

Forecasts India's steel use to go up to 80 MT in 2015 and further to 85.8 MT in 2016 from 75.3 MT in 2014, up 2.2% from the previous year.



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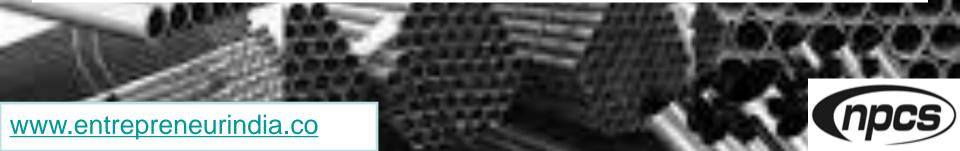


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Tags

Production of Steel Bars, Steel Bars Manufacturing, Manufacturing Process of Steel Bars, Steel Bars Manufacturing Process, Steel Bar Production Process, Steel Bar Production, Steel Making Process, Steel Production Process, Iron and Steel Manufacturing Process, Steel Bars Manufacturing Plant, Manufacturing of Steel, Production of Wires and Steel Bars, Manufacture of Steel Bars, Steel Making Industry, Ferrous Castings, Casting Ferrous Metals, Sand Casting, Shell-Mold Casting, Expendable-Pattern Casting (Lost Foam Process), Plaster Mold Casting, Ceramic Mold Casting, Investment Casting (Lost Wax Process), Vacuum Casting, Permanent Mold Casting, Metal Stamping, Sheet Metal Stamping, Ferrous Metal Stampings, Forming and Casting of Ferrous Metals, Metal Forming Process, Heat Treatment Process for Ferrous Metals, Ferrous Metal Production, Forming Process of Ferrous Metals, Machining Process of Ferrous Metals, Joining Process of Ferrous Metals, Stainless Steel Wire Manufacturing, Production of Stainless Steel Wires, SS Wire Manufacture in India, Steel Wire Manufacturing Process, Method of Drawing Stainless Steel Wire, Stainless Steel Wire Production Process, Process of Stainless Steel Wire Drawing, Steel Tube and Pipe Manufacturing Process, Stainless Steel Pipe and Tube Manufacturing Process, Methods of Manufacturing Steel Tubes and Pipe, Tube and Pipe Production, Manufacturing Process and Products of Steel Pipes and Tubes, Steel Pipe Manufacturing, Manufacturing of Steel Tubes, Steel Pipes Manufacturing Process,





Tags

Stainless Steel Tube and Pipe Making Machine, Steel Tubing and Pipe Manufacturing Plant, Steel Tube Production Line, Manufacture of Tubes and Pipes, Spiral Pipe Production, Laser Beam Welding, Friction Welding, Spiral Pipe Manufacturing Process, Spiral Welded Pipe Manufacturing Process, Spiral Pipe Manufacturing, Spiral Pipe Manufacturing Machine, Spiral Pipe Production Line, Spiral Steel Pipe Production Process, Production of Spiral Pipes, Method for Manufacturing Spiral Pipes, Manufacturing Process for Stainless Steel Sheets, SS Sheet Manufacture, Stainless Steel Manufacturing Process, Process for Making Stainless Steel Sheet, Stainless Steel Products, Tube Manufacturing Business, Seamless Tube and Pipe Manufacturing, Seamless Tube Production Line, Seamless Pipe Manufacturing Process, NPCS, Niir, Process Technology Books, Business Business Consultant, Project Identification and Consultancy, Selection. Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, Best Small and Cottage Scale Industries, Startup India, Stand Up India, Small Scale Industries, New Small Scale Ideas for Steel Production Industry, Steel Bars Manufacturing Business Ideas You Can Start On Your Own, Indian Ferrous Metal Production Industry, Small Scale Stainless Steel Wire Manufacturing, Guide to Starting and Operating Small Business,





Tags

Business Ideas for Steel Tube Production, How to Start Tube Manufacturing Business, Starting Steel Wire Production, Start Your Own Steel Tube Production Business, Steel Pipe Production Business Plan, Business Plan for Steel Bars Production, Small Scale Industries in India, Steel Tube Production Based Small Business Ideas in India, Small Scale Industry You Can Start on Your Own, Business Plan for Small Scale Industries, Set Up Spiral Pipe Manufacturing, Profitable Small Scale Manufacturing, How to Start Small Business in India, Free Manufacturing Business Plans, Small and Medium Scale Manufacturing, Profitable Small Business Industries Ideas, Business Ideas for Startup



Niir Project Consultancy Services (NPCS) can provide Process Technology Book on

Wires, Tubes, Pipes, Steel Bars and S.S. Sheets

Production with Ferrous Metal Casting &

Processing

(Hot Rolled Bars, Hot Rolled Bars, Mild Steel Bars, Seamless Tube and Pipe, Laser Beam Welding, Friction Welding, Spot TIG, Hot Wire TIG, Hot Wire MIG, Machine Reamer, Hand Reamers, Hand Reamers)

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- We use authentic & reliable sources to ensure business precision



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



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- O Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- O Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct



- Copper & Copper Based Projects
- Dairy/Milk Processing
- O Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing



- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
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- Ginger & Ginger Based Projects
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- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries



- Infrastructure Projects
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- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- *Maize Processing(Wet Milling) & Maize Based Projects*
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.



- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.



- Potato And Potato Based Projects
- Printing And Packaging
- *Real Estate, Leisure And Hospitality*
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals



- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable



Contact us

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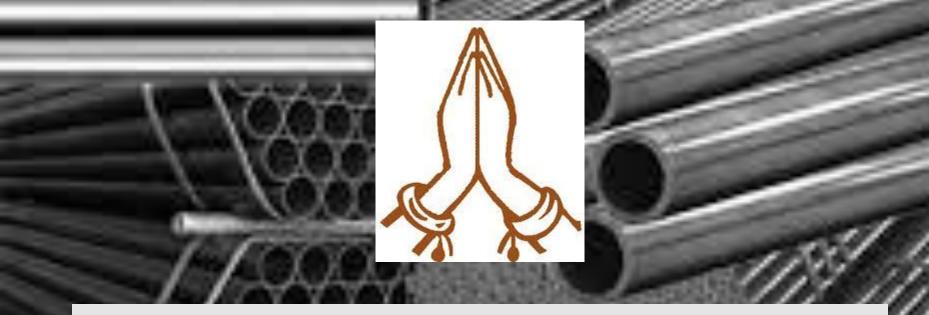
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