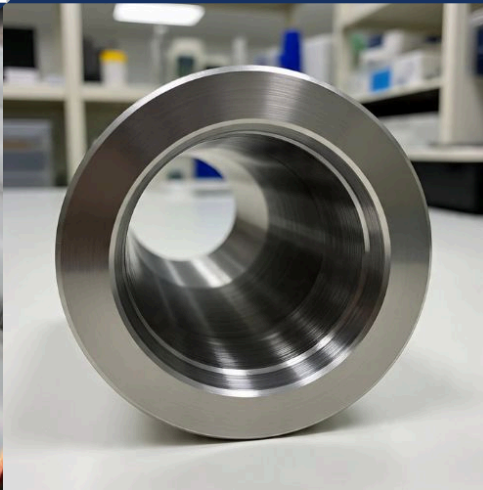




PRECISION ENGINEERED SEAMLESS TUBES & PIPES

Serving Global Industries With Excellence,
Reliability And Innovation.





INTRODUCING FERRUM TUBES

Ferrum Tubes Pvt. Ltd. Is A Premier Organisation Dedicated To The Manufacturing, Supplying And Exporting Of High- Quality Seamless Steel Pipes And Tubes. Built On A Foundation Of Passionate Innovation And A Pursuit Of Excellence, We Take Pride In Serving Leading Brands Across Diverse Industries Worldwide.

Our State-Of-The-Art Facility, Spread Over 13 Acres, Brings Hot-Finish And Cold- Processed Under One Roof To Ensure Unparalleled Precision And Consistency — Extending Decades Of Manufacturing Excellence To High-Quality Seamless Pipes & Tubes.

Combining Sophisticated Infrastructure — Continuous Hot Rolling Mills, Induction, Piercing, Sizing And Cold-Processed Seamless Tubing — With Best-In-Class Testing Equipment, We Deliver Precision Products Engineered To Meet International Standards. We Also Customise Products To Client Specifications To Meet The Evolving Demands Of Global Industry.

Our In-House R&D Laboratory Enables Rigorous Testing At Every Stage Of Manufacturing — From Planning To Execution — Upholding The Highest Standards Of Quality And Accountability.

OUR EXTENSIVE RANGE INCLUDES

Line Pipes

Marine-Grade Pipes

Machining Tubes

Blast Furnace Tap Hole Rod & Bits

Mechanical & Automotive Tubing

Bakelite Coated PGC Tubes For Coke Ovens

Blast Furnace

Oxygen Lance Pipes For LD Converter

Mechanical & Automotive Tubing

Self Drilling Anchor Rods (SDA)

High-Pressure Boiler Tubes

Air Break Pipes For Railway Wagons

High-Strengt H Oil Pipelines



VISION

To be a global leader in the steel tubing industry — recognised for an unwavering commitment to quality, innovation and the delivery of precision-engineered steel products.

MISSION

To provide high-performance seamless steel solutions that exceed customer expectations through advanced manufacturing, a customer-centric approach and dedication to global quality standards.

VALUES

- Premium Raw Material
- Precision Engineering
- Rigorous Quality Control
- Advanced Manufacturing
- On-Time Delivery

ASTM DIN EN JIS IS BS

"Character Determines Product Quality. **Everything Else Is Secondary.**"



WHY INDUSTRY LEADERS CHOOSE FERRUM



INTEGRATED MANUFACTURING

Hot Finished And Cold Processed
Production Under One Roof.



PRECISION ENGINEERING

Advanced Machinery Delivering
Superior Dimensional Accuracy.



GLOBAL STANDARDS

Manufactured As Per ASTM, DIN,
EN, JIS, IS And BS Standards.



QUALITY ASSURANCE

Testing And Inspection At Every
Stage Of Production.



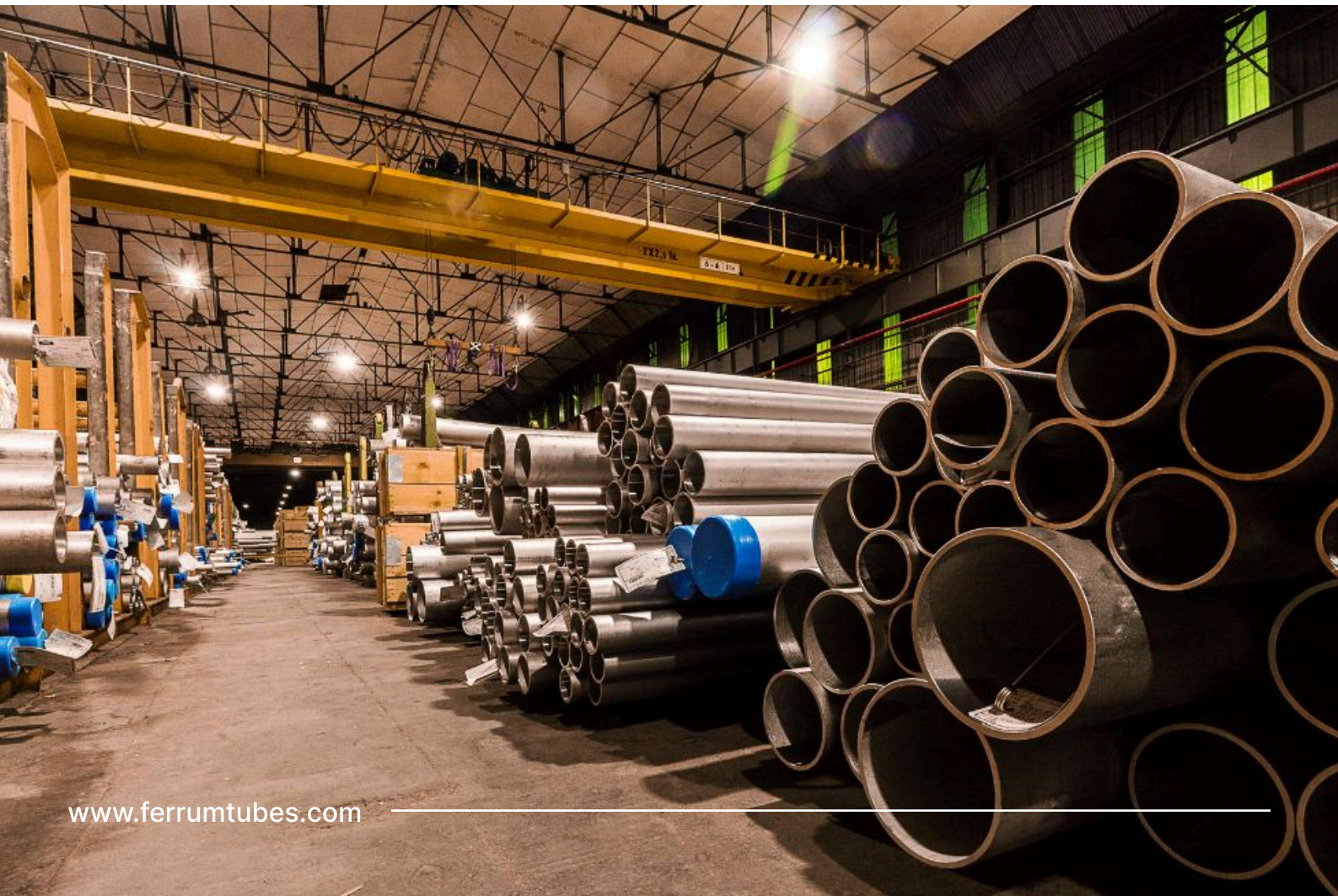
CUSTOMER-CENTRIC APPROACH

Customised Solutions Based On
Client Requirements.



RELIABLE DELIVERY

Efficient Production And Logistics
Systems.



ENGINEERING EXCELLENCE IN STEEL SOLUTIONS



13-ACRE

Integrated manufacturing campus with hot & cold finishing under one roof



HOT + COLD

Combined Piercing & Pilger Mills for manufacturing seamless tubes under one roof.



50+ YRS

Combined industry expertise from a team of seasoned steel technocrats



14-STATION

In-house testing laboratory for full metallurgical & mechanical control



06 STANDARDS

ASTM · DIN · EN · JIS · IS · BS international compliance



CUSTOM-BUILT

Products engineered to exact client specifications & tolerances

KEY HIGHLIGHTS

52,000

SQ. M. CAMPUS

10,000

SQ. M. MANUFACTURING FACILITY

12000+

MT ANNUAL CAPACITY



International Quality Standards



Accredited Testing Laboratory



Integrated Hot & Cold Manufacturing



INDUSTRIES SERVED



OIL & GAS



MINING



STEEL PLANTS



POWER GENERATION



BOILERS



HEAT EXCHANGERS



AUTOMOTIVE



ENGINEERING



CONSTRUCTION



FOOD PROCESSING



CHEMICAL INDUSTRY





TUBES MADE WITH THE BEST QUALITY — TESTED & TRUSTED

SEAMLESS PIPES & TUBES

High-strength, weld-free piping engineered for extreme pressure and critical global industrial applications.



LINE PIPES

Heavy-duty, high-precision rods designed for maximum durability in demanding drilling and line operations.



PRIMARY GAS COOLER (PGC)

Primary gas cooler (PGC) pipes in a coke oven by-product plant are shell-and-tube exchangers that cool raw coke oven gas and condense tar, naphthalene, and water; a Bakelite coating extends pipe life.



STRAIGHT PIPE

High-quality straight pipes engineered for strength, durability, and dependable performance across diverse industrial applications.



DRILL RODS, BARS & BITS

Premium drill bars providing precise, durable solutions for tap hole drilling in blast furnace environments.



BOILER TUBES

High-temperature resistant tubing designed to withstand extreme pressure and heat in industrial boiler systems.



HYDRAULIC TUBES

Precision-engineered tubes for high-pressure fluid transport, ensuring leak resistance and total system reliability.



HEAT EXCHANGER TUBES

Specially designed tubes for optimal thermal conductivity and corrosion resistance in heat exchange systems.



AIR BRAKE PIPES

High-strength, weld-free piping engineered for extreme pressure and critical global industrial applications.



ALLOY TUBES

Versatile, high-strength steel tubing tailored for demanding environments and rigorous structural integrity requirements.



MINING TUBES

Heavy-duty, high-precision rods designed for maximum durability in demanding drilling and line operations.



STRUCTURAL TUBES

Robust, precision-cut structural tubing providing exceptional load-bearing strength for construction and mechanical frameworks.



SDA TUBES

Seamless tubes engineered for sub-lance assemblies in electric arc furnaces — built for extreme thermal stability and pressure resistance.



LD LANCE PIPES

Seamless pipes for oxygen-blowing lances in BOF / LD Converter steelmaking — engineered for extreme heat, high-velocity oxygen flow and sustained operational pressures.





CUSTOM SPECIFICATIONS WELCOME

All Product Lines Available In Custom Dimensions, Alloys & International Grades — Engineered To Your Exact Requirement.

ASTM

DIN

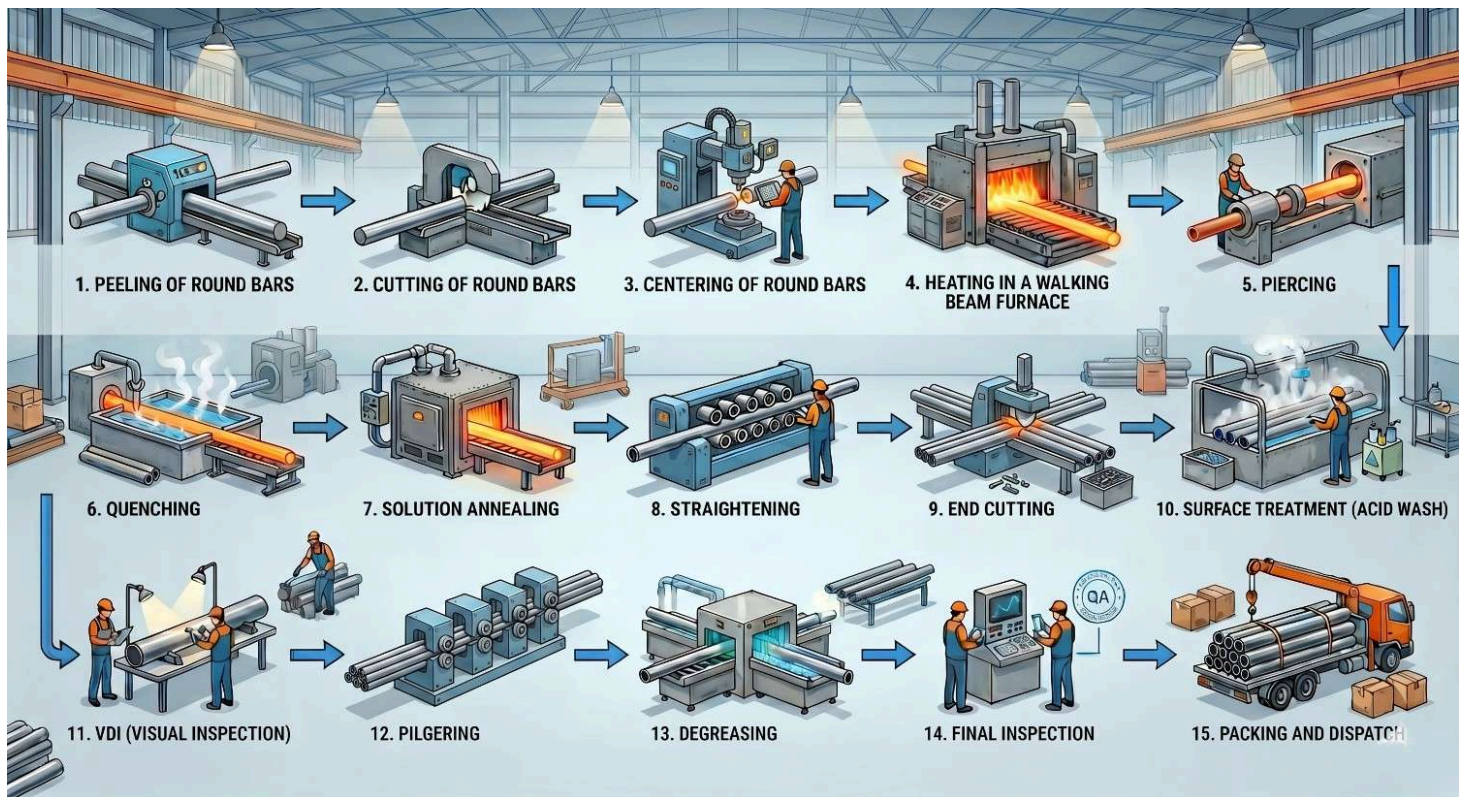
EN

JIS

IS

BS

INTEGRATED MANUFACTURING EXCELLENCE



HOT MILL EQUIPMENTS

- Piercing Mill
- Walking Beam Furnace
- Cooling Bed
- Online Straightener

COLD MILL EQUIPMENT

- Pilger Mills
- Draw Bench
- Annealing Furnaces
- Pickling Line

FINISHING FACILITIES

- Cutting
- Straightening
- Beveling
- Stencilling
- Packing



STANDARD DIMENSIONS & TOLERANCES

Combined piercing mills enable both hot-finished and cold-finished seamless tubes within the same facility. Custom dimensions available to client specification.

SPECIFICATION	COLD DRAWN SEAMLESS TUBING	HOT FINISHED SEAMLESS PIPES
Outer Diameter	15 MM To 90 MM	33.40 Mm To 324.00 Mm
Wall Thicknes	1 MM To 15 MM	3 MM To 14 MM
Maximum Length	13 Meters	8 Meters

PLANT CAPABILITIES



MATERIAL HANDLING
Overhead cranes, hydra and roller beds for safe, efficient movement.



IN-HOUSE TOOLING
Tungsten-Carbide coated tooling for precision and surface finish.



FULL TRACEABILITY
Integrated hot & cold lines deliver traceability across the cycle.



ZERO-DEFECT FOCUS
Every stage inspected to uphold consistent, defect-free output.





UNCOMPROMISING QUALITY, VERIFIED AT EVERY STAGE

14

SETS OF TEST
EQUIPMENT

3000 PSI

HYDROSTATIC
TEST

1000 KN

MECHANICAL
TESTING

100X

METALLURGICAL
MICROSCOPE

KEY INSTRUMENTS & METHODS

- **Hydrostatic Tester:** Tubes & Pipes Tested Up To 3000 PSI In A Heavy-Duty PLC-Based Unit.
- **Metallurgical Microscope:** Grain Structure & Grade Confirmed Via 100X Inverted Microscope & Optical Emission Spectrometer.
- **Mechanical Testing:** Tensile, Flattening, Flare & Reverse-Bend Tests On A600 KN Universal Testing Machine.
- **Hardness Testing:** Digital Rockwell Hardness Tester Verifies Steel Hardness To Specification.

QUALITY PARAMETERS

- **Microstructure:** Pearlite & Ferrite Grains, Size Verified To A5 Or Finer.
- **Inclusion Rating:** Guaranteed Better Than 2.5A, 1.5C & 1.5D; Bore Free Of Pinhole-Causing Inclusions.
- **Tolerances:** Tight Eccentricity Control ($\pm 5\%$) Via High Cold-Draw Reductions.

OUR CLIENT



PARTNER WITH THE EXPERTS IN SEAMLESS STEEL

Whether You Need Precision Tubes For Specialised Engineering Or Seamless Pipes
For Heavy-Duty Industrial Use, Ferrum Tubes Is Your Trusted Global Partner —
Engineered For Maximum Durability And International Compliance.

PRECISION • DURABILITY • TRUST

Engineered for performance - Delivered to the world



WORK

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Ferrum

TUBES

PRECISION STEEL SOLUTIONS