

PRODUCT CATALOGUE

Providing Seamless steel solutions for critical applications

- Seamless Steel Tubes & Pipes
- ERW Pipes
- Forgings, Fittings and Flanges
- Stainless Steel Flexible Hoses



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www.rex-steel.com



Company Profile



IIT, DELHI



HZDR, GERMANY



RexSteel, a flagship brand of RecommerceX Pvt. Ltd. RexSteel is a premier producer of stainless steel seamless and welded pipes and tubes, designed to meet the exacting demands of modern industries. Serving sectors from oil & gas to construction and automotive, our products are synonymous with durability, precision, and reliability. Backed by cutting-edge technology and a commitment to excellence, RexSteel delivers steel solutions that power progress and build lasting trust with clients wo

We are founded by a passionate team of alumni from **IIT Delhi, ISB Hyderabad, and MDI Gurgaon**. Leveraging deep R&D collaboration with **IIT Delhi and HZDR Labs**, Germany, we ensure every RexSteel product meets the highest international standards of precision and quality.

We take pride in offering world-class tubing solutions at highly competitive prices, delivering superior value to our customers. Our foundation rests on technical excellence, rigorous quality assurance, and cost-effectiveness, making RexSteel a trusted name in advanced engineering materials.

Founder's Profile



Shobhit Goel

Co-Founder & CEO

IIT Delhi (Silver Medalist) · ISB Hyd (Dean's List)

- 20+ yrs leadership in B2B & cleantech — Amazon, Schneider Electric, B2B E-commerce
- Launched Amazon Now in India in 16 cities
- India's 1st Carbon Credit Advisory (ICF)

Amazon · Schneider Electric

IIT, DELHI



Mohit Gulyani

Co-Founder & CBO

MDI Gurgaon (PGPIM, Rank 3) · ESCP Paris

- 17+ yrs leadership in B2B companies
- Founding team @ India's largest B2B E-commerce player, scaled enterprise & manufacturing verticals)

BAT(France) · Tata Steel



Ajay Gupta

Co-Founder & CBO

SIOM Nashik (MBA Operations, Rank 2 · APICS Certified)

- 20+ yrs in SCM & Operations — P&L Head at TVS Logistics
- Youngest General Manager at TVS Supply Chain
- Supply chain design for Daimler, L&T, GM, Toyota & Butterfly

TVS Logistics · Daimler · L&T

Industries we serve

Major Industries Include:

- **AI Data Centers** : Liquid cooling systems, (SFN)Secondary Fluid Network, CDU (Coolant Distribution Unit) connections, server rack cooling, chilled water systems, thermal management and vibration isolation for high-density computing infrastructure
- **Oil & Gas Industry** - Transportation of crude oil, natural gas, hydrocarbons, and offshore process piping.
- **Petrochemical & Chemical Plants** - Handling of corrosive chemicals, solvents, and process fluids.
- **Heat Exchangers & Condensers** - Efficient heat transfer applications in industrial processing systems.
- **Refineries** - Process piping for high-temperature and high-pressure operations.
- **Pharmaceutical Industry** - Hygienic fluid transfer systems and clean process applications.
- **Water Treatment & Desalination Plants** - Transport of water, chemicals, and treatment media.
- **Automotive Industry** - Hydraulic systems, fuel lines, and mechanical components.
- **Marine & Offshore Industry** - Shipbuilding, offshore platforms, and seawater handling systems.
- **Defence Sector** - Used in armoured vehicles, naval systems, aerospace, missile systems, and critical military infrastructure requiring superior reliability and performance.
- **Renewable Energy Sector** - Solar thermal systems, hydrogen plants, and energy processing facilities.



Products

Seamless Instrumentation Tube

Size range	Grades	Standards
6 mm - 38 mm outer diameter	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASTM A213, ASTM A312, ASTM A376, ASTM A269, ASME B31.3 / B31.12,
0.7 mm - 4 mm wall thickness		ASTM A789 / A790, ASTM B163, ASTM B167, EN 10216-5, SB444

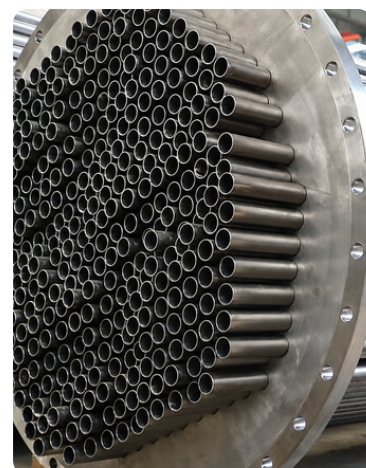


Features

- Enhanced Durability
- Corrosion Resistance
- Leak-Proof
- Low Maintenance Costs

Seamless Heat Exchanger & Heater Tube

Size range	Grades	Standards
12.70 mm – 50.80 mm outer diameter	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASTM A213, ASTM A312, ASTM A376, ASTM A269, ASME B31.3 / B31.12,
0.9 mm – 6.35 mm WT		ASTM A789 / A790, ASTM B163, ASTM B167, EN 10216-5, SB444



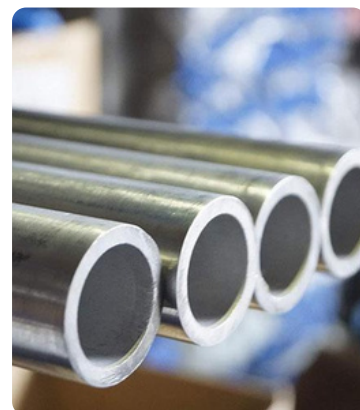
Features

- Suitable for high pressure and high temperature
- Excellent heat transfer efficiency
- Low maintenance cost
- High resistance to corrosion, oxidation, and scaling

Products

Seamless Hollow Bar

Size range	Grades	Standards
32 mm - 114 mm outer diameter	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASTM A213, ASTM A312, ASTM A376, ASTM A269, ASME B31.3 / B31.12,
20 mm - 60 mm internal diameter		ASTM A789 / A790, ASTM B163, ASTM B167, EN 10216-5, SB444



Features

- Enhanced strength and reliability
- Reduced material wastage and machining cost
- Enhanced strength and reliability
- Reduced material wastage and machining cost

Seamless Process Pipes

Size range	Grades	Standards
Outer diameter -0.5 inch – 6 inches	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASTM A213, ASTM A312, ASTM A376, ASTM A269, ASME B31.3 / B31.12,
Nominal bore wall thickness - Schedule 10s, 40s, 80s, & 160s		ASTM A789 / A790, ASTM B163, ASTM B167, EN 10216-5, SB444



Features

- Enhanced strength and reliability
- Suitable for aggressive and corrosive media
- Available in a wide range of sizes and material grades
- Leak free performance

Products

Seamless U Tube

Size range	Grades	Standards
38.1 mm - 76.10 mm outer diameter	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASTM A213, ASTM A312, ASTM A376, ASTM A269, ASME B31.3 / B31.12,
3 mm- 13 mm WT		ASTM A789 / A790, ASTM B163, ASTM B167, EN 10216-5, SB444



Features

- Uniform wall thickness and precise dimensional tolerances
- Superior thermal conductivity and long service life
- Suitable for critical and continuous service applications

ERW Steel Pipe (Electric Resistance Welded Pipe)

Size range	Grades	Standards
1/2 – 24" outer diameter	304, 304L, 316, 321, 904L, Duplex & Super Duplex,	ASTM, API, DIN EN (GERMAN)
1.65 mm – 20 mm Wall Thickness		



Features

- Cost-effective solution for medium and low-pressure applications
- Available in a wide range of sizes and grades
- Suitable for welding, threading, and fabrication
- High dimensional accuracy and uniform wall thickness

Size Chart

Tube Size Chart

ACCORDING TO SWG & BWG									
Outside Diameter		Thickness			Outside Diameter		Thickness		
INCH	MM	SWG	INCH	MM	INCH	MM	BWG	INCH	MM
3/8"-TO-4"	9.53 MM-TO-101.6 MM	22	0.028	0.71	3/8"-TO~4"	9.53 MM-TO-101.6 MM	22	0.028	0.71
		21	0.032	0.81			21	0.032	0.81
		20	0.036	0.91			20	0.035	0.89
		19	0.04	1.02			19	0.042	1.07
		18	0.048	1.22			18	0.049	1.24
		17	0.056	1.42			17	0.058	1.47
		16	0.064	1.63			16	0.065	1.65
		15	0.072	1.83			15	0.072	1.83
		14	0.08	2.03			14	0.083	2.11
		13	0.092	2.34			13	0.095	2.41
		12	0.104	2.64			12	0.109	2.77
		11	0.116	2.95			11	0.12	3.05
		10	0.128	3.25			10	0.134	3.4
		9	0.144	3.66			9	0.148	3.76
		8	0.16	4.06			8	0.165	4.19
LEGENDS: SWG= STANDARD WIRE GAUGE, BWG= BIRMINGHAM WIRE GAUGE									
ID (INSIDE DIAMETER) = OD - (THICK * 2)									

Non-Standard tubes are available on request

*Tubes are offered as machined on external surface and with random length (SRL/DRL)

Pipe Size Chart

ANSI B36.19 Stainless Steel									Pipe Dimensions and Weight per KG							
Nominal Pipe Size		Outside Diameter	Schedule 5 S		Schedule 10 S		Schedule 20 S		Schedule 40 S		Schedule 80 S		Schedule 160 S		XXS	
mm	inch	mm	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)
3	1/8	10.3	1.2	0.26	1.24	0.28	1.5	0.33	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.2	0.37	1.65	0.49	2	0.58	2.24	0.63	3.02	0.8	-	-	-	-
10	3/8	17.1	1.2	0.47	1.65	0.63	2	0.74	2.31	0.84	3.2	1.1	-	-	-	-
15	1/2	21.3	1.65	0.8	2.11	1	2.3	1.07	2.77	1.27	3.73	1.62	4.78	1.94	7.47	2.55
20	3/4	26.7	1.65	1.02	2.11	1.28	2.55	1.52	2.87	1.69	3.91	2.2	5.56	2.9	7.82	3.64
25	1	33.4	1.65	1.3	2.77	2.09	2.55	1.94	3.38	2.5	4.55	3.24	6.35	4.24	9.09	5.45
32	1 1/4	42.2	1.65	1.65	2.77	2.7	3	2.9	3.56	3.39	4.85	4.47	6.35	5.61	9.7	7.77
40	1 1/2	48.3	1.65	1.9	2.77	3.11	3	3.35	3.68	4.05	5.08	5.41	7.14	7.25	10.15	9.55
50	2	60.3	1.65	2.39	2.77	3.93	3	4.24	3.91	5.44	5.54	7.48	8.74	11.11	11.07	13.44
65	2 1/2	73	2.11	3.69	3.05	5.26	4	6.81	5.16	8.63	7.01	11.41	9.53	14.91	14.02	20.39
80	3	88.9	2.11	4.51	3.05	6.45	4	8.37	5.49	11.29	7.62	15.27	11.1	21.3	15.24	27.68
100	4	114.3	2.11	5.84	3.05	8.36	4	12.18	6.02	16.07	8.56	22.32	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.4	11.57	4	16.8	6.55	21.8	9.53	30.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.4	13.82	5	25.36	7.11	28.26	10.97	42.56	18.25	67.53	21.95	79.22
200	8	219.1	2.77	14.78	3.76	19.96	5	33.31	8.18	42.55	12.7	64.64	23.01	111.27	22.23	107.92
250	10	273.1	3.4	22.61	4.19	27.78	5	41.77	9.27	60.31	12.7	81.55	28.58	172.33	25.4	155.15
300	12	323.8	3.96	31.24	4.57	36	5	49.7	9.53	73.85	12.7	97.43	33.32	238.68	25.4	186.9
350	14	355.6	3.96	34.34	4.78	41.3	6	67.9	11.13	94.54	ASTM A312/A213/A249/A269/A270, ASTM A358 CLI TO CL V, A409, A554 TP 304/304L/316/316L/317L/309/310/321 etc.					
400	16	406.4	4.19	41.56	4.78	47.34	6	77.82	12.7	123.3						

Formula- Pipe Weight OD - Thickness X Thickness < 0.0248 = wt.kg per Mtr.

Products

Forged Flanges

Size range	Grades	Standards
0.5 inch – 56 inch diameter (DN10 to DN1500) All Pressure Ratings	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- High mechanical strength
- Excellent pressure resistance
- Long Service Life
- Suitable for extreme temperatures
- Leak-proof sealing

Forged stub ends

Size range	Grades	Standards
0.5 inch to 24 inch	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- Quick installation and removal of pipe
- Easy flange alignment
- Suitable for corrosive, high-pressure, and high-temperature applications
- Ideal for systems requiring frequent maintenance

Products

API 6 Flanges

Size range	Grades	Standards
Complete Size Range in All Pressure Rating	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- High Structural integrity
- Leak-proof performance
- Reliable metal-to-metal sealing
- Fatigue resistance

Orifice Flanges

Size range	Grades	Standards
1 inch to 24 inch All pressure class	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- High measurement accuracy
- Reliable sealing performance
- Low maintenance
- Strong and durable
- Long service life

Products

Line Blanks

Size range	Grades	Standards
0.5 inch to 42 inch All pressure class	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- Improves maintenance safety
- Prevents accidental fluid leakage
- Ensure complete flow isolation
- Designed for repeated use
- Reduces the operational risk

Forged tube sheet

Size range	Grades	Standards
Up to 2,000 mm diameter	Austenitic, Super Austenitic, Ferritic, Duplex, Super Duplex, Martensitic & Nickel Alloys	ASME / ANSI 16.5 & 16.48, ASME/ ANSI 16.47
		ASME/ ANSI 16.36, ASME/ ANSI 16.9 (Stub End), BS EN 1092-1, DIN, BS 4504 SEC 3.1, BS 10



Features

- Resistance to high pressure and elevated temperatures
- Manufactured from high-quality forged materials for superior strength and durability
- Corrosion and fatigue resistance
- High-quality forged materials for superior strength and durability

Product Specifications

Specification (As per latest edition)	Item Type	Pressure Class	Size Range
ASME/ANSI B16.5	WNRF/SORF/BLRF/SWRF/LJ/THDR/HB/RTJ	150, 300, 400, 600, 900, 1500, 2500LBS	1/2" to 12"
		150, 300, 400, 600, 900, 1500, 2500LBS	14" to 24"
ASME/ANSI B16.47	WNRF/BLRF (Series A & B)	75, 150, 300LBS	26" to 62"
		400, 600LBS	26" to 42"
		900LBS	26" to 30"
ASME/ANSI B16.36	WNRF/SORF/THDRF (ORIFICE FLANGES)	300, 400, 600, 900, 1500, 2500LBS	1" to 12"
BS EN 1092-1 Flanges	Type 01, Type 02, Type 04, Type 05, Type 11, Type 12, Type 13, Type 21, Type 32, Type 33, Type 34, Type 35, Type 36, Type 37	PN2.5, PN6, PN10, PN16, PN25	DN 10 to DN 1500
		PN40, PN63	DN 10 to DN 600
		PN100, PN160	DN 10 to DN 400
		PN250, PN320	DN 10 to DN 250
DIN Flanges	DIN2527, DIN2566, DIN2573, DIN2576, DIN2641, DIN2642, DIN2655, DIN2656, DIN2627, DIN2628, DIN2629, DIN2631, DIN2632, DIN2633, DIN2634, DIN2635, DIN2636, DIN2637, DIN2638, DIN2673	PN2.5, PN6, PN10, PN16, PN25	DN 10 to DN 1500
		PN40, PN63	DN 10 to DN 600
		PN100, PN160	DN 10 to DN 400
		PN250, PN320	DN 10 to DN 250
BS 4504 SEC 3.1	Code 111, Code 112, Code 113, Code 133, Code 101, Code 102, Code 104, Code 105	PN2.5, PN6, PN10, PN16, PN25	DN 10 to DN 1500
		PN40, PN63	DN 10 to DN 600
		PN100, PN160	DN 10 to DN 400
		PN250, PN320	DN 10 to DN 250
BS 10	Welding Neck, Slip-on, Blind, Bossed Slip-on, Bossed Blind	TABLE - A, D, E, F, H, J, K, R, S, T	DN 15 to DN 600
ASME/ANSI B16.9/MSS SP-3	Stub end - Type A, B, C	S10, S40, S80	½ to 24

Products

Corrugated Stainless Steel Hoses

Corrugated Hoses are precision-engineered flexible metal hoses designed to safely convey liquids, gases, steam, and chemicals under demanding operating conditions. Their corrugated construction provides exceptional flexibility, vibration absorption, and pressure resistance, making them ideal for critical applications across industrial processing, energy, and infrastructure sectors. corrugated flexible stainless steel hoses size from 6mm (1/4") to up to 300 mm (12").



Features

- High flexibility and excellent bend radius
- Suitable for high-pressure and high-temperature applications
- Excellent corrosion resistance
- Absorbs vibration and thermal expansion
- Leak-proof construction for gases and liquids
- Available with single or double stainless steel braiding for higher pressure ratings

Material	SS 304 / 316L / 321
Pressure	Suitable for industrial
End Connections	Flanged (ANSI / DIN)
Standards	ISO 10380 / BS 6501

Corrugated Stainless Steel Hoses with Braid : A100 & A200 Series

Stainless steel wire braiding is added to corrugated hoses to prevent elongation under high pressure and significantly enhance their pressure-handling capability. The braided layer remains highly flexible, allowing free movement of the hose. Depending on application requirements, hoses can be supplied with single or double braiding in AISI 304 or AISI 316 stainless steel.



Features

- Higher internal pressure capability
- Long Life Expectancy and Low maintenance cost
- Reduce vibration in pipework without affecting flexibility

Products

Stainless Steel Hose Assemblies

A hose assembly consists of the hose itself along with its end fittings, both of which are selected based on the specific application the assembly will be used for. Compared to rubber and other conventional hose materials, stainless steel hose assemblies stand out as an excellent choice for a wide range of industrial applications, offering the durability and performance needed to meet even the most demanding technical specifications.

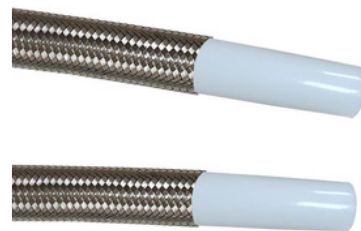


Features

- Rexsteel stainless steel hose assemblies are engineered to perfection and are flexible & durable.
- These braided stainless steel hose assemblies are resistant to high pressure and have a higher tear and tensile strength.
- They come with anti-corrosive properties
- These flexible metal hose assemblies comply with all standards of ISO requirements.
- Greater heat insulation capabilities.

Smooth Bore PTFE Flexible Hose

Smooth Bore PTFE Flexible Hoses are high-performance hoses featuring an inner tube of virgin PTFE (Polytetrafluoroethylene) with an external stainless steel braid or polymer reinforcement. The smooth internal bore provides excellent flow characteristics, low friction, and superior chemical resistance, making these hoses ideal for transferring aggressive chemicals, pharmaceuticals, food products, and high-purity media.



Features

- Exceptional chemical compatibility
- Low pressure drop due to smooth bore design
- High temperature and pressure resistance
- Non-contaminating and non-toxic construction
- Easy to clean and sterilize
- Excellent flexibility and long service life
- Resistant to moisture absorption and environmental degradation

Products

Convoluteds PTFE Flexible Hose

Convoluteds PTFE Flexible Hoses are precision-engineered hose assemblies designed for demanding applications requiring maximum flexibility and exceptional chemical resistance. The corrugated PTFE inner core combined with reinforced construction delivers reliable performance in the transfer of corrosive chemicals, high-purity fluids, and process media across a wide range of industrial and sanitary environments

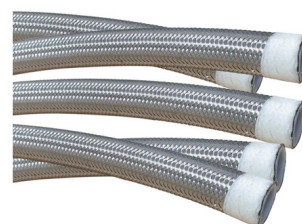


Features

- Superior flexibility compared to smooth bore PTFE hoses
- Excellent chemical compatibility with most acids, solvents, and corrosive media
- Easy routing in confined spaces due to tight bend radius
- Non-contaminating and non-toxic construction
- High temperature resistance and long service life
- Easy to clean and suitable for sanitary applications
- Excellent resistance to moisture and environmental conditions

Teflon PTFE Flexible Hose

PTFE hose refers to a type of hose made from Polytetrafluoroethylene (PTFE), also known as Teflon hose. Teflon is a synthetic fluoropolymer known for its exceptional chemical resistance, low friction properties, and high-temperature resistance. PTFE corrugated hoses are widely used in various industries that require the transfer of aggressive chemicals, high-purity fluids, or substances at extreme temperatures.



Features

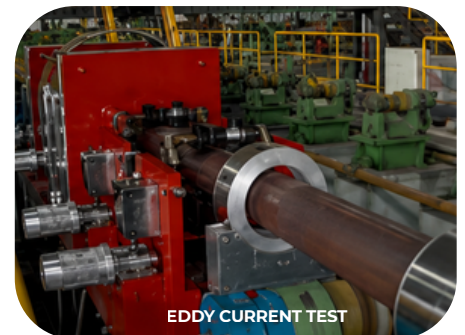
- Compatible with almost all chemicals and solvents
- Excellent temperature resistance from cryogenic to high temperatures
- Low coefficient of friction for efficient flow
- Non-reactive and contamination-free fluid transfer
- Superior flexibility and long service life
- Easy to clean and sterilize
- Resistant to moisture absorption and environmental degradation
- Ideal for handling aggressive and high-purity media

Quality Control/Testing

NON-DESTRUCTIVE TEST	DESTRUCTIVE TEST
Eddy Current Test	Flaring Test
Hydrostatic Test	Hardness Test
Ultrasonic Testing	Reverse Bend
Metallography Test	Test Flattening
Visual Inspection	Test Corrosion
DP/MP/RF ECT Testing	Test Impact/Tensile Test

Non-Destructive Testing machine :

Online testing is done by Ultrasonic Testing & Eddy current method to check dimensions, length and other defects



Manufacturing Facilities

The advanced manufacturing facilities at REXSTEEL, supporting high-quality production



Pilgering Line

Enables precise cold forming of seamless pipes, ensuring superior dimensional accuracy and surface finish



Pickling Line

Removes surface impurities and scales from steel pipes, ensuring clean surfaces for further processing or finishing



ERW Line

Electric Resistance Welding (ERW) line for the consistent production of welded steel pipes and tubes, ensuring superior dimensional accuracy, high efficiency, and reliable weld quality

Facilities



Draw Bench

Used for drawing pipes to exact sizes and thicknesses, improving mechanical properties and surface uniformity



Bright Annealing Furnace

A controlled-atmosphere unit that heats and slowly cools steel in an oxygen-free gas environment to soften it while keeping its surface perfectly shiny and free of oxidation.



CNC Machine

Automated manufacturing tool that uses pre-programmed computer software to dictate the movement of factory tools and machinery

Brands that trust us



Our Investors





PIONEERS IN SEAMLESS TUBES & PIPES, ERW PIPES, FORGINGS, FLEXIBLE HOSES

 Mumbai

 Ahmedabad

 Delhi -NCR

 Dubai

 Europe

 USA

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