



FERRON 



OUR VISION

“We, at Ferron, aim to build a stronger world with our steel and be a trusted partner to our employees, customers and suppliers.”

FERRON

Born under the aegis of New Hindustan Tubes Pvt Ltd, a company founded in 1985, Ferron was created with the core idea of expanding to bigger horizons. With a vision to target newer industries that require steel pipes and tubes and its by products, Ferron is a step towards adapting to new technology and methodologies of steel production and providing quality product. An ISO 9001:2015 certified company, Ferron is constantly on the edge of innovation and has been delivering with commitment and trust ever since its inception. The values and experience roped in at New Hindustan has given Ferron a strong lead in the market of tube manufacturing and has enabled us to establish an enviable portfolio of esteemed clients.

THE FERRON PHILOSOPHY

Ferron is the future based on the foundation of experience and trust. The Ferron philosophy of FUTURE-EXPERIENCE- TRUST is at the core of each of our principles. At Ferron, we keep quality and delivery at the center of our actions and keep these values uncompromisable. We believe in constantly looking towards the future as we believe it is by keeping our eyes ahead of the curve is how we can constantly grow and meet the demands of our esteemed clients by delivering with innovation and ease. Our foundations laid down by decades of experience has put us in a position that enables us to maintain the highest core values and work within the boundaries of strong and time trusted systems while constantly evolving.



MANUFACTURING

STEEL PROCESSING

With an installed capacity of 100,000 metric tonnes per annum, our steel slitting center is one of the most advanced in North India. Our modern machinery ensures that we meet our quality standards right from the beginning of the process of tube manufacturing. Located in Tatarpur, Palwal, it is well connected to all major cities in North India with rail and road network. With a range from 0.50mm to 6.00mm, our slitting line can run upto a speed of 120m/min without compromising on the quality of the cuts which are a critical aspect in tube production.



TUBE MANUFACTURING

The state-of-the-art Ferron tube manufacturing plant at Bhagola, Palwal, just 20 kilometers from Faridabad, Delhi NCR has been erected with the best of technology and salient features. Based on Japanese Design (Kusakabe) and supported with a Thermatool (USA), our Tube mills ensure all scopes of customization as per the need of our customers. Offering a size range from 10mm OD to 76.20 mm OD, our tube mills manufacture the highest quality product with thickness ranging from 0.50 mm to 5.00 mm.



UNMATCHABLE VARIETY

Multiple SOCO (Taiwan) cutting machines help us meet our customers demand of desired length of the tube from 100 mm to 3000 mm. Along with that, we also have the provision of draw benches and straightening machines to cater the need for non-standard and lower OD sizes along with special sectional tubes as required. Our oxygen lancing tubes are one of our key export and nationally supplied product. Ferron's oxygen lancing tubes are a benchmark of quality and performance since its inception.



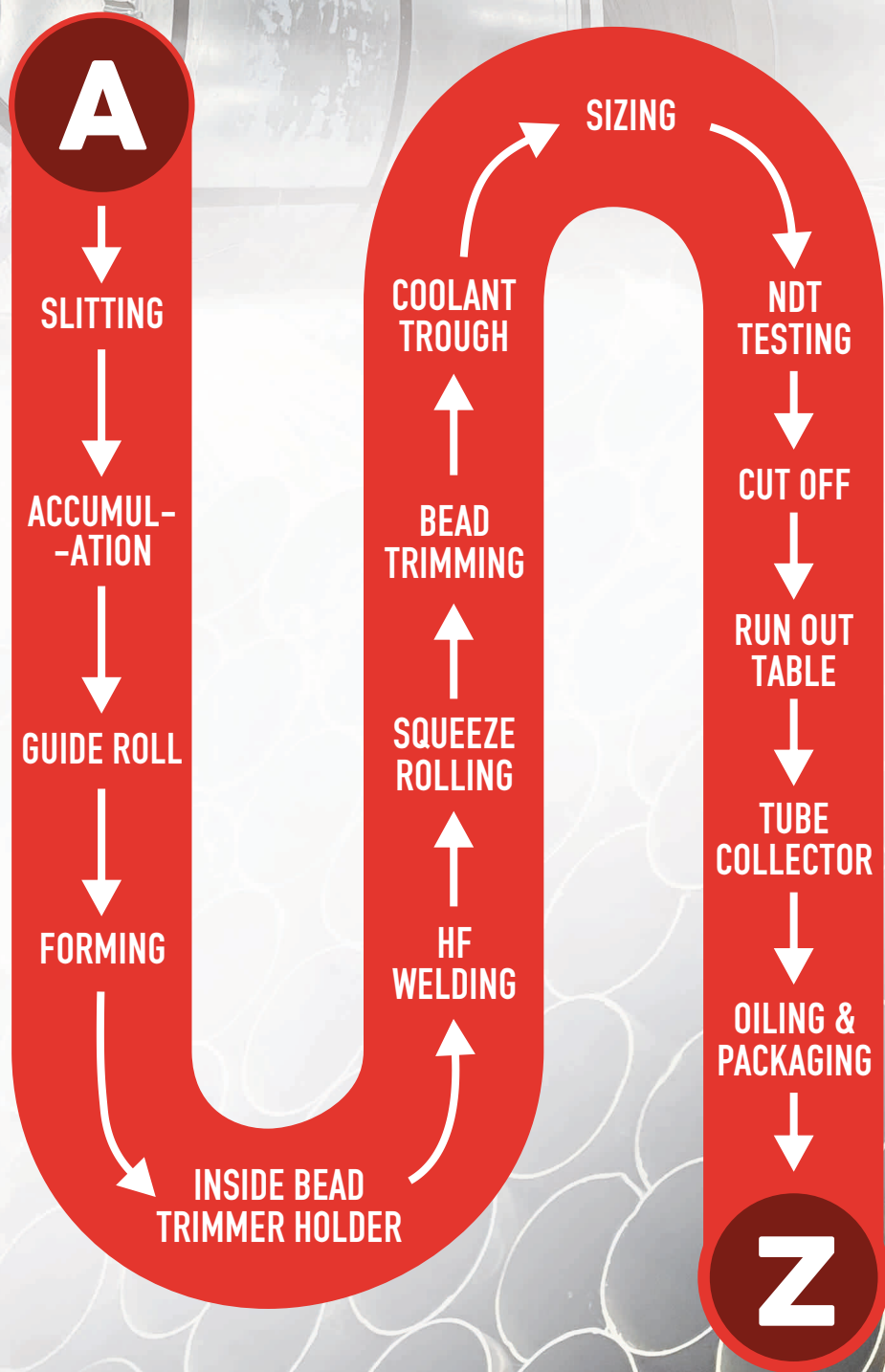
GROWING CAPACITY

With the best in technology and infrastructure, backed with our commitment to delivering as per client's specifications and need, Ferron's tube manufacturing plant is currently churning out an Annual Capacity of more than 36000 Metric Tonnes which we plan to double by 2024. We are constantly evolving and creating new benchmarks to ensure that our capacity and growth remain unhindered in the coming years.



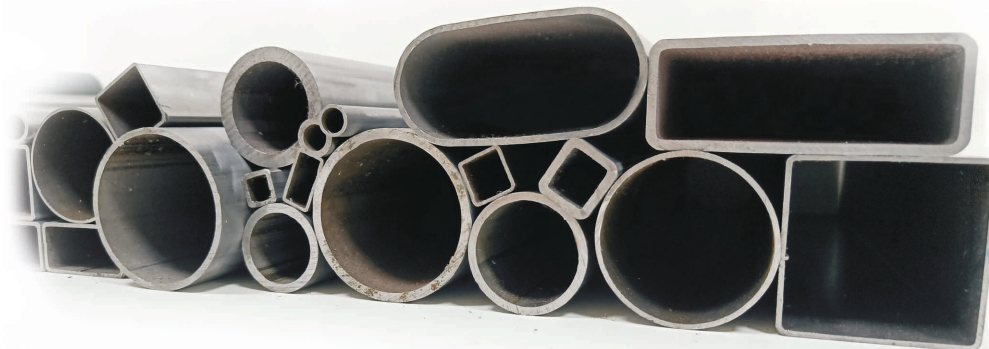
A TO Z OF TUBE PRODUCTION

CR/HR COIL



ERW TUBES

PRODUCT RANGE



Round & Sectional Tubes



CDW/DOM Tubes



Special Sectional Tubes



Oxygen Lancing Tubes



Tubular Components

SIZE CHART

ROUND TUBES

TUBE OD (mm)	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.50	1.60	1.80	2.00	2.30	2.50	2.80	3.00	3.20	3.50	3.80	4.00	4.50	4.80	5.00	
10.00																								
12.00																								
12.70																								
14.00																								
15.00																								
15.88																								
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50.80																								
54.00																								
57.15																								
59.13																								
59.63																								
60.30																								
63.50																								
70.00																								
76.20																								

OVAL TUBES

TUBE OD (mm)	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.50	1.60	1.80	2.00	2.30	2.50	2.80	3.00	3.20	3.50	3.80	4.00	4.50	4.80	5.00	
THICKNESS (MM)																								
17x25 Oval																								
33x13 Oval																								
38x20 Oval																								
60x18 Oval																								
75x09 Oval																								
79x36 Oval																								



SQUARE TUBES

TUBE OD (mm)	THICKNESS (MM)	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.50	1.60	1.80	2.00	2.30	2.50	2.80	3.00	3.20	3.50	3.80	4.00	4.50	4.80	5.00
10 X 10																								
12 X 12																								
12.70x12.70																								
15X 15																								
19x19																								
20x20																								
21x21																								
25x25																								
30x30																								
35x35																								
40x40																								
45x45																								
50x50																								
60x60																								

RECTANGLE TUBES

TUBE OD (mm)	THICKNESS (MM)	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.50	1.60	1.80	2.00	2.30	2.50	2.80	3.00	3.20	3.50	3.80	4.00	4.50	4.80	5.00
20x10																								
20x27																								
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60x30																								
60x40																								
75x10																								
75x12																								
75x25																								
80x30																								
80x40																								

SPECIAL SECTION TUBES

TUBE OD (mm)	THICKNESS (MM)	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.50	1.60	1.80	2.00	2.30	2.50	2.80	3.00	3.20	3.50	3.80	4.00	4.50	4.80	5.00
40x40 "V" Shape																								
40x30 "D" Shape																								
40x30 "Long D" Shape																								
57.15 "Diamond Shape																								

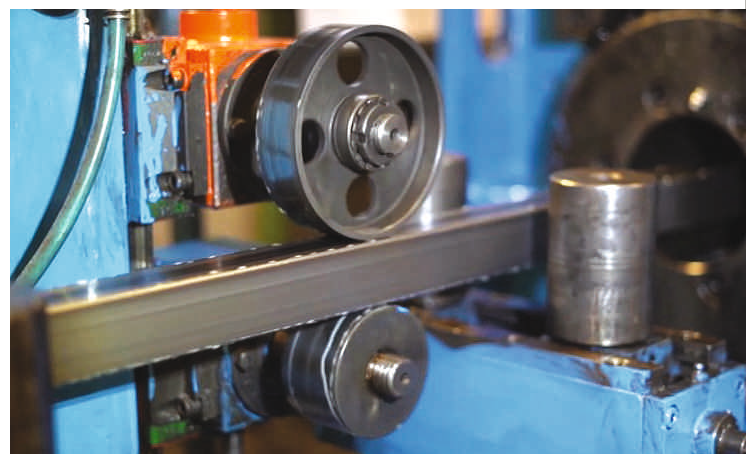
NON FIN CUT

FIN CUT / NON FIN CUT

*Additional sizes within the range also available and customisable



QUALITY



THINK - INSPIRE - INNOVATE

New Hindustan Tubes has established an unparalleled trust and goodwill in the steel tube industry for decades. Ferron thus has been able to ensure the same consistency in quality of our products. We ensure a rigorous quality assurance procedure at every step of the manufacturing process until the product is dispatched to the customer. With our raw material being sourced from reputed brands like TATA Steel, JSW and SAIL, the first step towards quality product is already achieved.

We have a highly experienced quality team that ensures that every standard through the process is met stringently. Amongst the many salient features of our manufacturing process that ensures the highest quality standards, we have an online NDT testing facility along with an in house mechanical testing lab with hardness and tensile testing machines. Our machinery and equipment from India, Taiwan, USA and Japan help us meet the demands and expectation of our customers with utmost ease.

STANDARDS AND SPECIFICATIONS

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SR.NO	APPLICATION		GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES			WELD TEST	
	INDIAN STANDARD	EQUIVALANT INTERNATIONAL STANDARD		C% (MAX)	Mn% (MAX)	5% (MAX)	P% (MAX)	UTS kgf/mm2 (MIN)	YS kgf/mm2 (MIN)	ELG% (MIN)	FLARING (MIN)	FLATTENING (MIN)
01.	STEEL TUBES FOR BICYCLES		ERWC-1	0.15	0.60	0.06	0.06	30.60	20.40	10		12% 3T
	IS:2039/1991	BS:1717	ERWC-2	0.20	0.90	0.05	0.05	40.80	30.60	8		10% 5T
			ERWC-3	0.25	1.20	0.05	0.05	43.90	35.70	8		8% 8T
02.	STEEL TUBES FOR AUTOMOTIVES		ERW-1	0.12	0.60	0.04	0.04	32.00	17.00	20.00		12.50%2T
	APPLICATION IS:3074/2013	BS:6323	ERW-2	0.25	1.20	0.04	0.04	39.00	25.00	15.00		10%3T
		DIN:2393	ERW-3	0.35	1.3	0.04	0.04	44.00	28.00	10.00		8%5T
		DIN:2394										
		JIS:G3445										
		ASTM:A513										
		SAE:1006,1008,1010 & 1020										
	ASTM:11A											
	STKM13A											
03.	SECTIONAL TUBES		ERW-1			0.06	0.60	34.00	21.00	12 TO 20		5T
	IS:4923/1997	JIS:G3466	ERW-2			0.06	0.60	42.00	24.00	10 TO 15		6T
			ERW-3			0.06	0.60	45.00	32.00	8 TO 15		8T

OUR HALLMARK OF QUALITY



INDUSTRIES CATERED

Our tubes are used in...



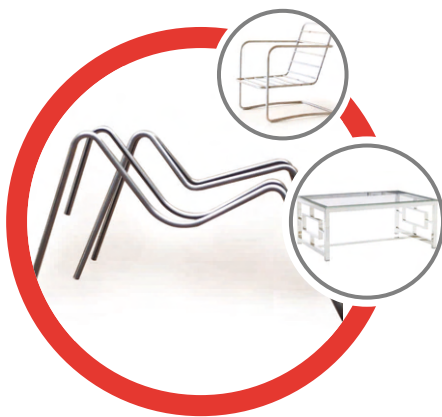
Bicycle/Two Wheelers

- Over 3.3 million Bicycles
- Over 31.9 million Bikes



Passenger Vehicles

- Over 5.7 million Cars
- Over 119,000 Electric Vehicles



Furniture Industry

- Used in over 57 countries
- Over 69 customised shapes and sizes



Heavy Commercial Vehicles

- Over 57,000 Earth Movers
- Over 143,000 Tractors



Electrical Items

- Over 37.29 million Fans
- Over 71 million Fitments & Sockets



Industrial Equipments

- Over 6.3 million Grease Guns
- Over 3 million Hand Tool Kits

And many more...

OUR ESTEEMED CLIENTS



A satisfied client is the biggest testimony to everything that an establishment stands for. Right from our philosophy to our manufacturing process and our products, everything that we do at Ferron has client servicing and satisfaction at its core. It is our undying belief in ensuring only the best for our clients that has enabled us to establish and maintain an unparalleled track record of quality and delivery to some of the best names in the industry. It is with this faith, we have been successfully supplying to vendors of some of the best names in India like Hero Motorcorp, Maruti, Mahindra and Honda to name a few.

DIRECTOR'S MESSAGE



“ Ferron Tubes is a young company holding young and innovative employees. We are very energetic and dynamic as a team, while being one of the largest Steel Tube manufacturers in North India.

At Ferron, we keep quality and delivery at the center of our actions and keep these values uncompromised. In the last two years, as the global pandemic caused unprecedented disruption all over the world, we proved the company's resilience under the most testing conditions in our history, culminating in a record financial performance in 2021. This achievement has given us greater confidence in the value-creating potential of our integrated global model, our people, and our processes.

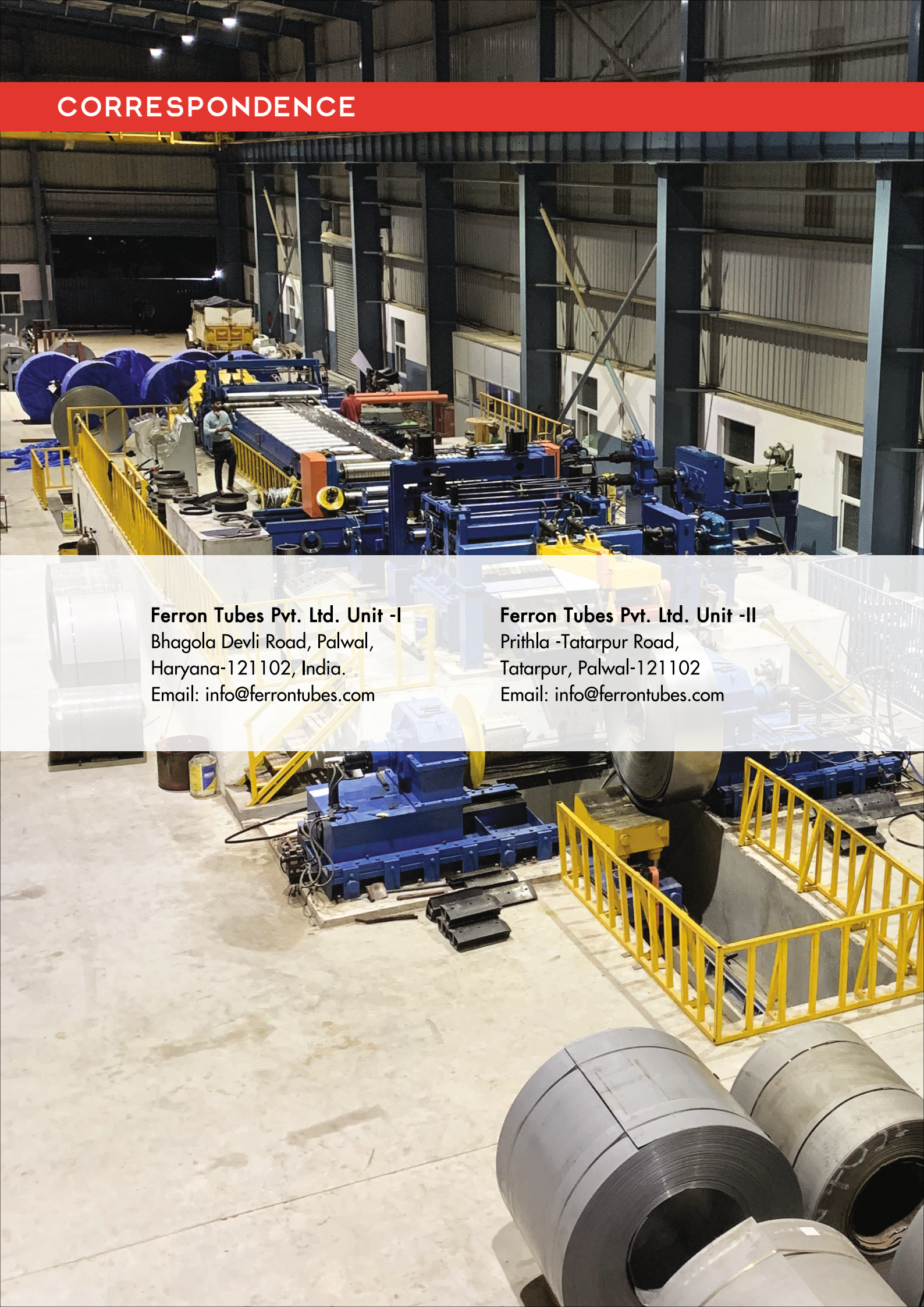
The Steel industry is huge, and it has got great potentials. With the rise in demands and steel prices, the cash flows have improved and have been really positive for the industry. Hence, we see a lot of growth in the future.”

Danish Chakarwarty

Managing Director
Ferron Tubes Pvt. Ltd.



CORRESPONDENCE



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