



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 IATF 16949 : 2016 and 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 9.53mm OD to 76.20 mm OD, our tube mills manufacture the highest quality product with thickness ranging from 0.30 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 25 mm to 3000 mm. In addition to tube cutting, our facility boasts Oxygen Lancing Pipes, draw benches and straightening machines for CDW & DOM tubes, allowing us to handle non-standard sizes and shapes with ease. From tubular components to intricate sheet metal parts, our versatile processing options ensure that we can fulfill a diverse range of customer requirements.



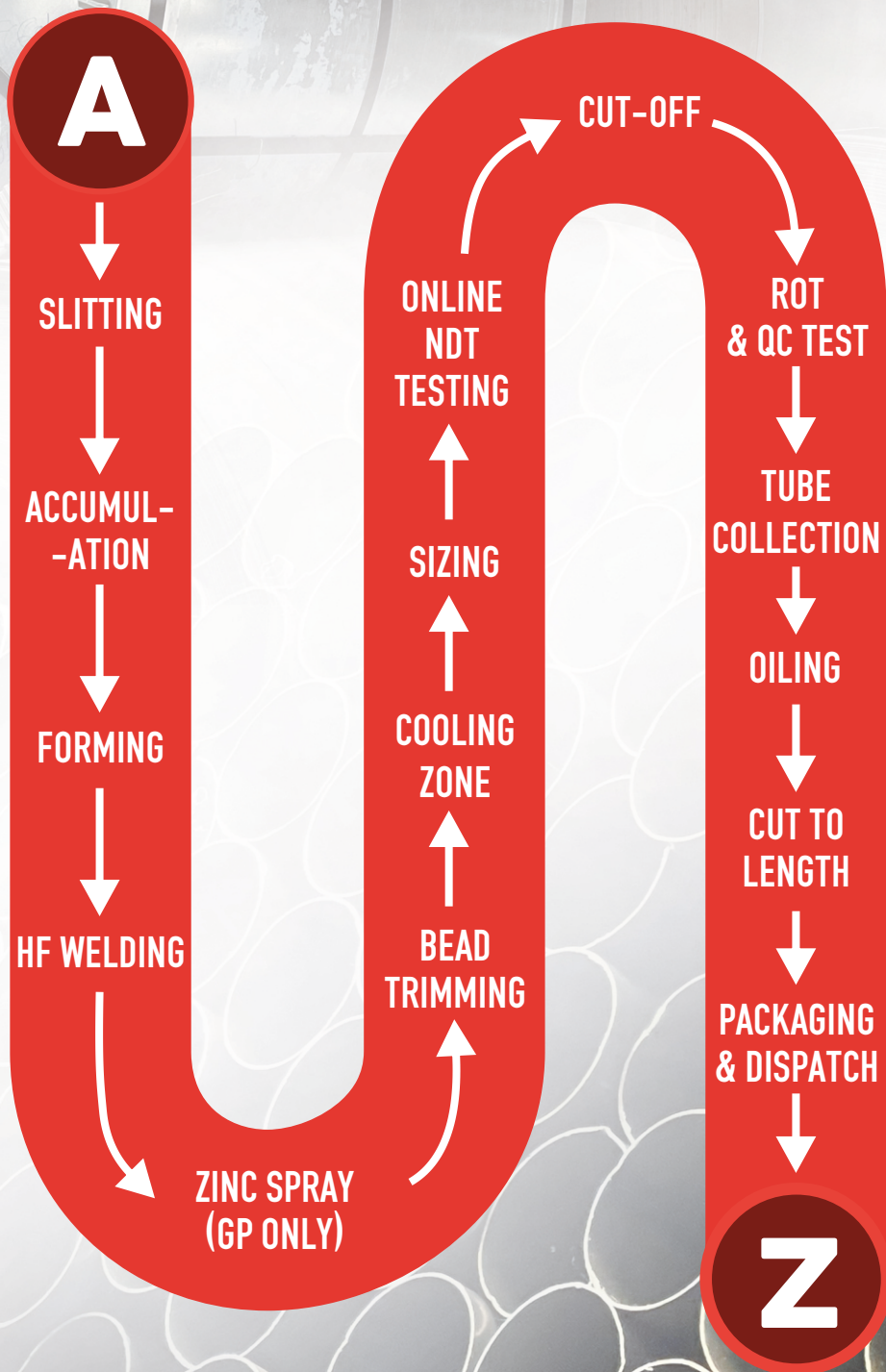
GROWING CAPACITY

With the best in technology and infrastructure, backed by our unwavering commitment to delivering according to client specifications and needs, Ferron's tube manufacturing plant is currently churning out an Annual Capacity of more than 50,000 Tonnes. We are proud to announce the integration of our new tube mill for Galvanized Pipe, which further enhances our production capabilities and augments our commitment to excellence. With this addition, we are poised to double our annual capacity by 2025.



A TO Z OF TUBE PRODUCTION

GP/CR/HRPO COIL



ERW TUBES

PRODUCT RANGE



Round & Sectional Tubes



CDW/DOM Tubes



Special Sectional Tubes



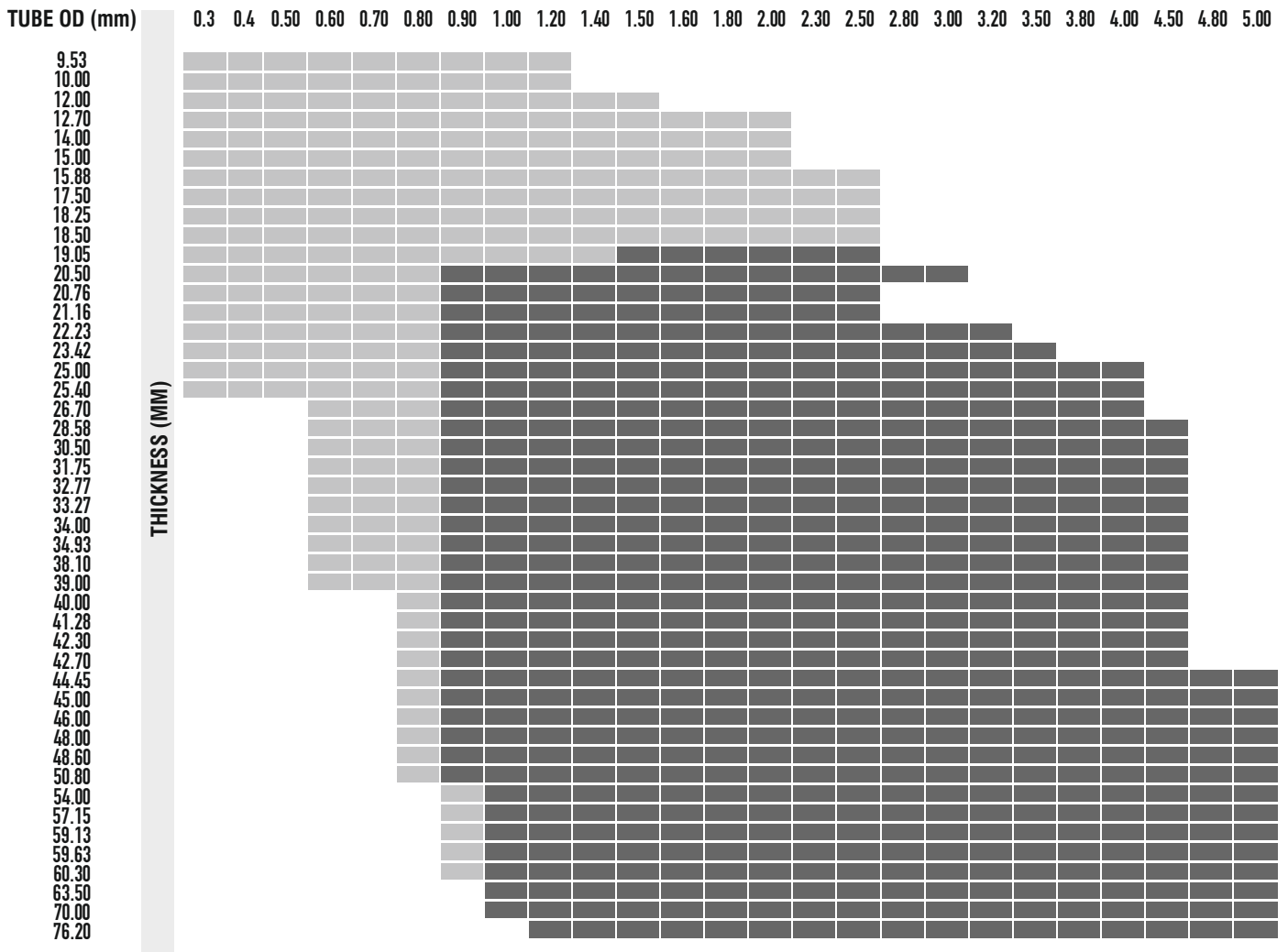
Oxygen Lancing Tubes



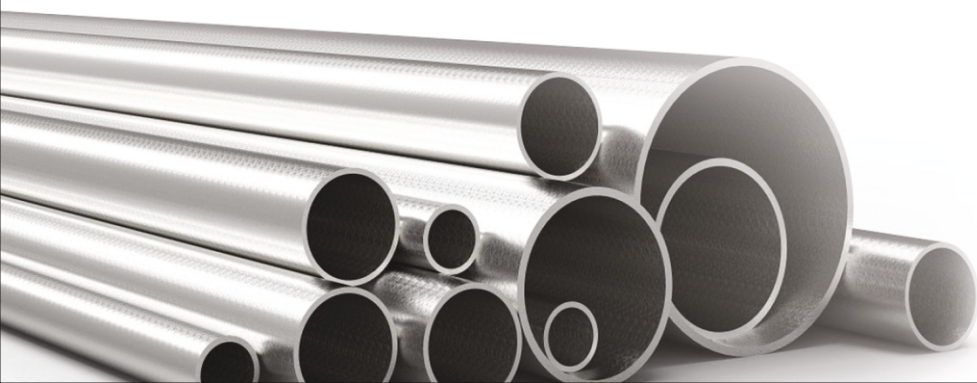
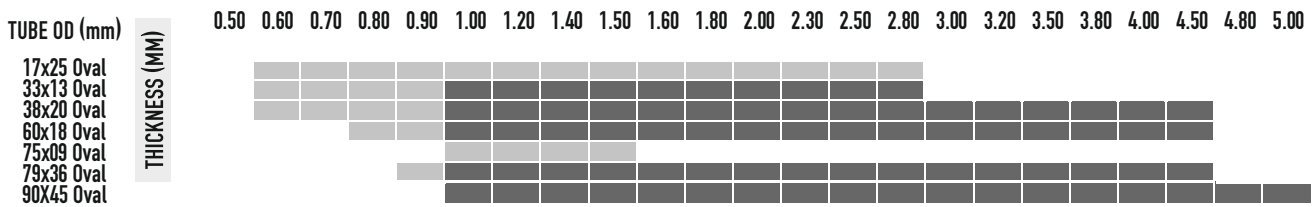
Tubular Components

SIZE CHART

ROUND TUBES



OVAL TUBES



SECTIONAL 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 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)	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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60x40																								
75x10																								
75x12																								
75x25																								
80x30																								
80x40																								

SPECIAL SECTION 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	
40x40 "V" Shape																								
40x30 "D" Shape																								
40x30 "Long D" Shape																								
57x15 "Diamond Shape																								

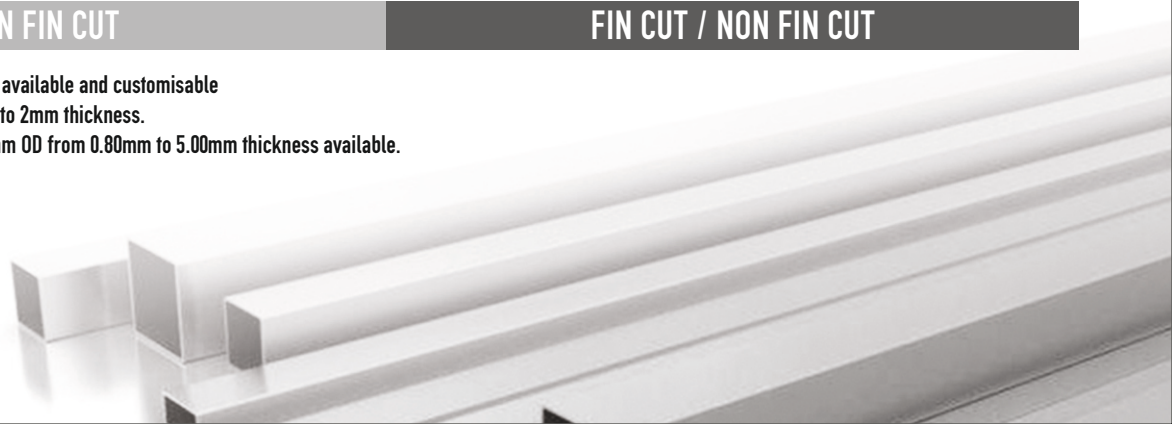
NON FIN CUT

FIN CUT / NON FIN CUT

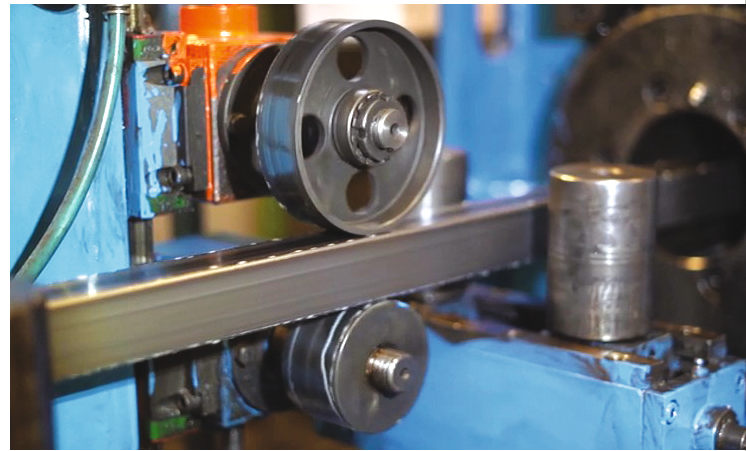
*Additional sizes within the range also available and customisable

*All sizes also available in GP tubes upto 2mm thickness.

*CDW / DOM tube from 4mm OD to 70mm OD from 0.80mm to 5.00mm thickness available.



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

STANDARDS AND SPECIFICATIONS												
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



CERTIFICATE

This is to certify that

FERRON TUBES PVT. LTD.
 Baghola Road, Village-Devli
 Palwal-121 102
 Haryana
 INDIA
 IATF USI LGSMS5

has implemented and maintains a **Quality Management System**.

Scope:
 Manufacture of ERW Steel Tubes & Tubular components.

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

IATF 16949:2016
 (without product design)

Certificate registration no. 50259805 IATF16
 Issuing date 2024-02-14
 This certificate is valid until 2027-02-13
 IATF No. 0500831



2-IAO-QMC-01001

For and on behalf of DQS




Nazim S. Venkatasubram
 Director-Corporate Automotive Program, DQS Holding GmbH



Michael Drechsel
 Managing Director, DQS Holding GmbH



IATF Contract Office: DQS Holding GmbH, Konrad-Adenauer-Allee 8-10, 61118 Bad Vilbel, Germany
 The validity of this certificate can only be verified by the QR code.



Certificate of Registration

FERRON TUBES PVT. LTD.

BHAGOLA ROAD, VILLAGE DEVL, PALWAL, HARYANA – 121102, INDIA

has been assessed and Certified by Otabu Certification Pvt. Ltd.
 as meeting the requirements of:

ISO 9001:2015
Quality Management System





For the following scope of activities:

MANUFACTURE OF ERW STEEL TUBES & TUBULAR COMPONENTS

Issue No: 01
 Date of Certification: 11 March 2024
 1st Surveillance Due: 10 March 2025

Revision No(): NA
 2nd Surveillance Due: 10 March 2026
 Recertification Due: 10 March 2027
 (subject to the company maintaining its system to the required standard)

Certificate Number: 0311Q224624
 To Verify this Certificate please visit at www.otabucert.com

Dr. Anita Gupta
 (Managing Director)

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn). This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.
 Otabu Certification Pvt. Ltd., RZ-9 (Ground Floor), Prem Nagar, Utam Nagar, New Delhi-110059 (India)
 Email:- info@otabucert.com website:- www.otabucert.com

INDUSTRIES CATERED

Our tubes are used in...



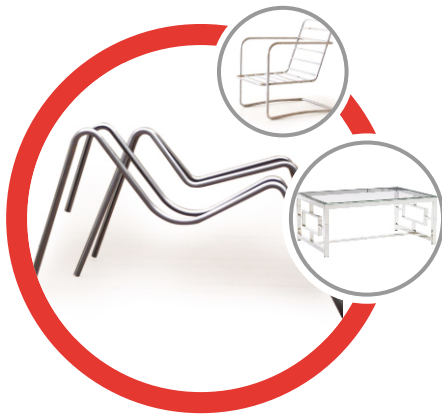
Bicycle/Two Wheelers

- Over 5.7 million Bicycles
- Over 34.3 million Bikes



Passenger Vehicles

- Over 5.7 million Cars
- Over 533,000 Electric Vehicles



Furniture Industry

- Used in over 61 countries
- Over 73 customised shapes and sizes



Heavy Commercial Vehicles

- Over 91,000 Earth Movers
- Over 321,000 Tractors



Electrical Items

- Over 51.33 million Fans
- Over 81 million Fitments & Sockets



Industrial Equipments

- Over 11.3 million Grease Guns
- Over 7 million Hand Tool Kits

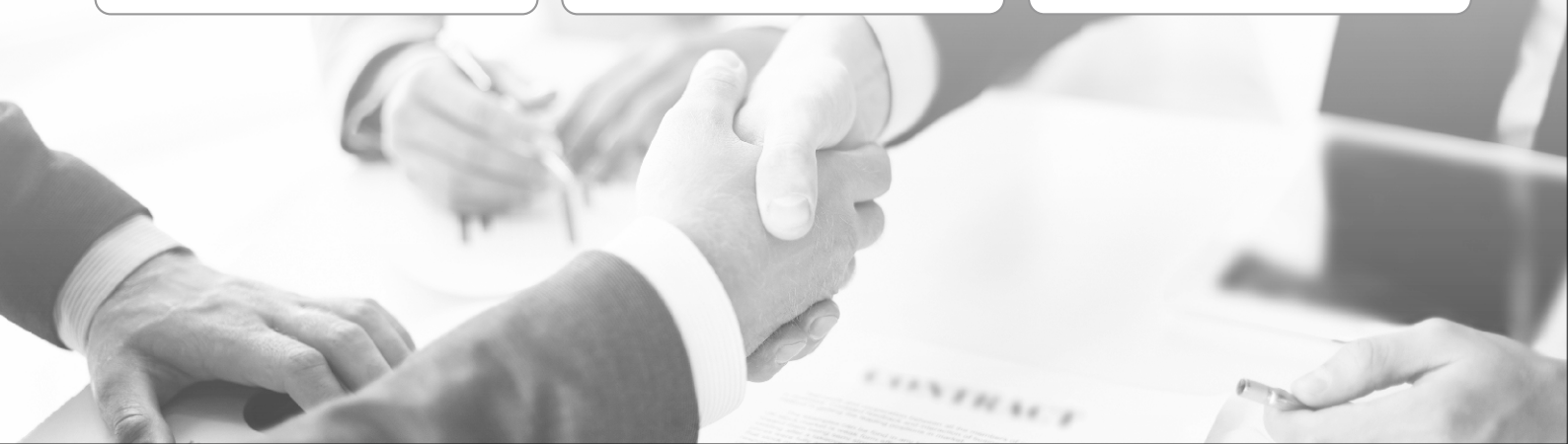
And many more...

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.



We have been successfully supplying to vendors of some of the best names in India like Hero Motorcorp, Maruti, Kubota and Honda to name a few.



GROUP OF COMPANIES

Our distinguished group of companies specialize in the manufacturing of precision components for the Automotive and Compressor industries.

With state-of-the-art facilities, expert engineers, and advanced manufacturing processes, our factories deliver high-quality products that exceed industry standards. From intricate tubular and sheet metal components to compressor crankshafts, our collaborative efforts provide a comprehensive range of precision components tailored to our clients' specific needs. We strive to empower our customers, enhance performance, and elevate their products to new heights through these companies.

- *Srihans Technologies Export Pvt. Ltd. - Compressor Parts*
- *Star Auto Solution - Automotive Machined Components*
- *Prexact Steel Tubes LLP - CDW / DOM Tubes*
- *Sheetfabs (India) Pvt. Ltd. - Sheet Metal Parts*



CORRESPONDENCE



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Bhagola Devli Road, Palwal,
Haryana-121102, India.
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FERRON TUBES PVT LTD

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