

the future starts here.



the
future
starts
here.





THE FERALPI GROUP, STEEL EVER SINCE.

“Working and developing while respecting the humankind and the environment”

After more than half a century, our founder’s motto is more topical than ever. Feralpi’s responsible approach to business encompasses its past, present and future. We are an international Group specialising in the production of steel for the construction industry and applications with high added value.

Passion and the ability to anticipate change are at the centre of our approach based on circularity. At Feralpi, taking responsibility for contributing to sustainable development is outlined in our commitment to adopt the best technologies for everyday use. We do this by backing extensive research activity, and investing in training and younger generations to enable the digital transformation to serve people and their development.

We’ve been operating in line with sustainability criteria since 1968.

FERALPI GROUP HIGHLIGHTS

over
2,100
EMPLOYEES
and external workers

62%
OF TOTAL
SALES
EXPORTED

over
1.3
billion euro
TURNOVER

consolidated
NET ASSETS
over
420
million euro

over
185
million euro
TECHNICAL INVESTMENTS
over the last four years
(2015-2018)

2.5
million tonnes
STEEL
PRODUCED

2.3
million tonnes
ROLLED PRODUCTS
PRODUCED

1.0
million tonnes
COLD-PROCESSED
AND DOWNSTREAM
PRODUCT

Prodotto e cresciuto
nel rispetto dell'uomo
e dell'ambiente
Il Fondatore

FERALPI ALGÉRIE

Orano (Algeria)
Trading

PRESIDER ARMATURES

Saint-Souplets (Paris)
Cold-processing and downstream processes

FERALPI STAHL

Riesa (Germany)
Steel production, Cold-processing and downstream processes, Trading

- ESF Elbe-Stahlwerke Feralpi GmbH
- EDF Elbe-Drahtwerke Feralpi GmbH
- Feralpi Stahlhandel GmbH
- Feralpi-Logistik GmbH

FERALPI PRAHA

Kralupy (Czech Republic)
Trading

FERALPI HUNGÁRIA

Csepel (Hungary)
Cold-processing and downstream processes

BETA

Buzau (Romania)
Metal structural work

NUOVA DEFIM ORSOGRIL

Anzano del Parco
Alzate Brianza (CO)
Cold-processing and downstream processes

CALEOTTO / ARLENICO

Lecco
Steel production

FERALPI PROFILATI NAVE

Nave (BS)
Steel production

ACCIAIERIE DI CALVISANO

Calvisano (BS)
Steel production

COMECA TECNOLOGIE

Lonato del Garda (BS)
Metal structural work

FERALPI SIDERURGICA

Lonato del Garda (BS)
Steel production

FERALPI RECYCLING

Kralupy (Czech Republic)
Cold-processing and downstream processes

CO.GE.ME STEEL

Casalmaggiore (CR)
Steel production

MPL

Rivoli (TO)
Cold-processing and downstream processes

FERALPI HOLDING

Lonato del Garda (BS)
Service

ALPIFER

Piacenza
Cold-processing and downstream processes

- Unifer
- Steelfer

MEDIA STEEL

Massa
Trading

PRESIDER

Borgaro Torinese (TO)
Macclodio (BS)
Pomezia (Rome)
Cold-processing and downstream processes

Feralpi
an international
diversified and
verticalised
group for steel
without frontiers

- ◆ Steel production
- ◆ Cold-processing and downstream processes
- ◆ Metal structural work
- ◆ Trading
- ◆ Service



**OPENING UP TO
AN ERA OF INNOVATION
AND DEVELOPMENT**

A sustainable future can't exist without innovation, and innovation can't exist without a commitment to embark on new journeys.

At Feralpi, we believe that research and development activities have a role that extends well beyond objectives of efficiency and competitiveness.

As the discreet protagonist in our day-to-day business, steel is at the service of people and their ability to design responsibly, therefore we have made the dictates of the digital transformation our own. We invest in resources and knowledge to proceed safely towards an increasingly professional and advanced industry.

Investing in research and development also means investing in the environment. Our equipment is upgraded continually to combine the best of manufacturing efficiency with a reduction in consumption and emissions.

The future feels at home at Feralpi.



**STEEL, MORE
THAN A COMMODITY.
STEEL IS VALUE**

Business is an asset for the community.

This is the principle that guides us in making the Feralpi Group much more than a sound company operating on global markets. We strive to create and distribute value and we've always been doing this. Our journey has been about sharing, communication and operating with transparency.

This continuity corresponds to concrete actions and results, including investment in the circular economy to reduce environmental impact, engaging with stakeholders to support local initiatives, and ensuring people's safety and wellbeing.

Being well aware of our role, we have been reporting our non-financial performance voluntarily since 2004, in line with the Global Reporting Initiative (GRI) and legislative decree 254/16.

Our challenge continues.





**PEOPLE
ARE AT THE CENTRE
OF OUR WORLD**

**Human resources represent
the real worth of a company,**


and their knowledge is the strongest driver of development. This is why Feralpi focuses on people and their safety and wellbeing. We believe in our men and women, and invest in them continually to capitalise on their capabilities and develop them through teamwork.

In a context modelled by the digital transformation, skills are extended to new operational and management tools and processes that require expertise which is just as advanced. We therefore make training the foundation for growth, by believing in younger generations, their enthusiasm, and their potential, which we use to serve everyone who works with us.

We operate responsibly by achieving the highest safety standards, and actively promote health and wellbeing in the workplace.

Feralpi, a family in which to develop.





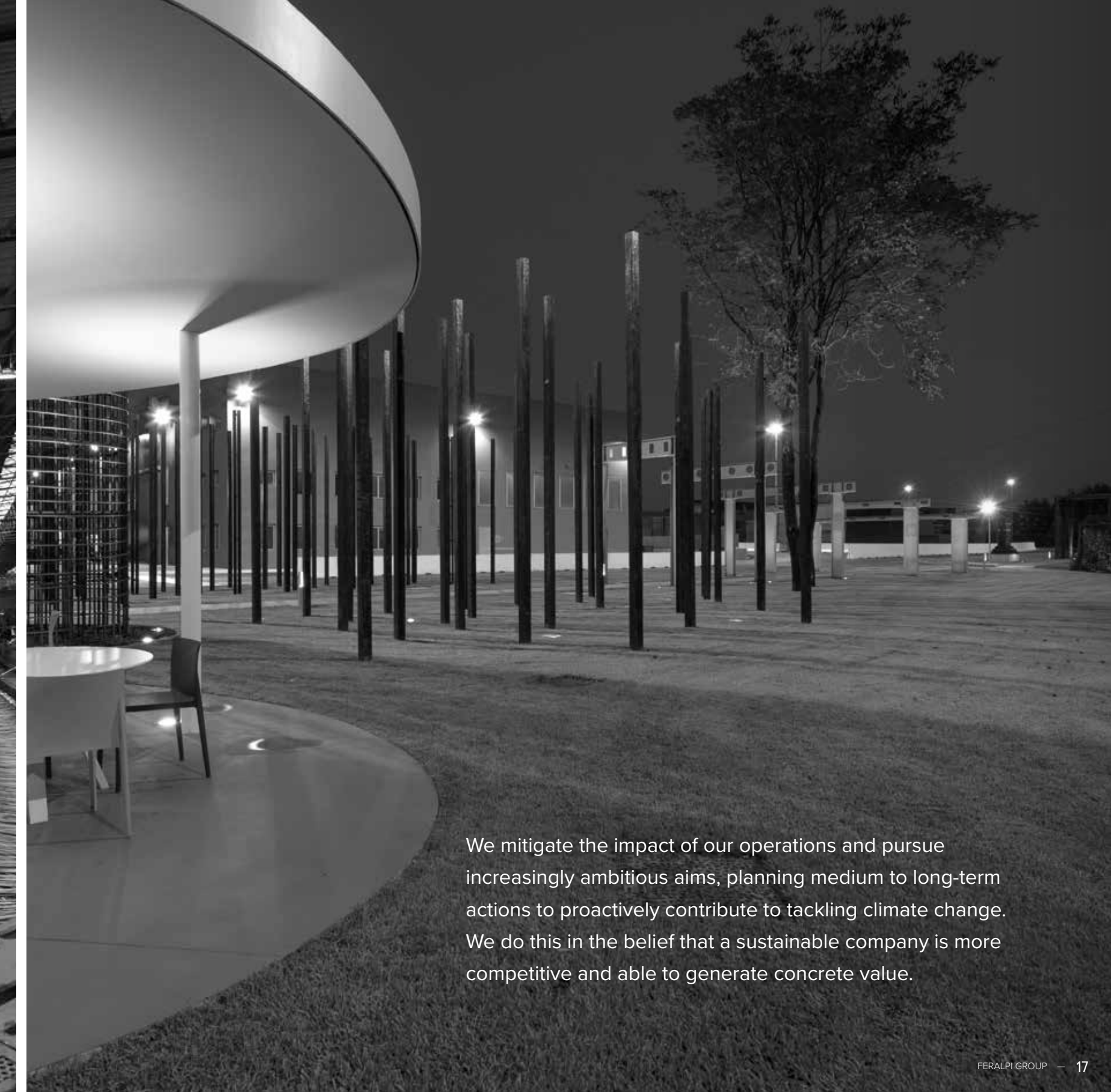
Producing steel in line with sustainability criteria is already a reality at Feralpi,

but what defines our agenda is the aim for ongoing improvement. We're aware of the results achieved, but the challenge to contain emissions represents an ongoing commitment, thanks to the adoption of innovative technologies.

Maximum energy efficiency and the minimum use of resources - these are the requirements for operating within the circular economy that characterises us. We have been successfully reducing the amount of waste produced and recycling as an alternative to disposal.

We act responsibly and invest in continuity.

**A CIRCULAR
MODEL FOR EACH
OF US**



We mitigate the impact of our operations and pursue increasingly ambitious aims, planning medium to long-term actions to proactively contribute to tackling climate change. We do this in the belief that a sustainable company is more competitive and able to generate concrete value.

To meet customer requirements, Feralpi stays one step ahead of the game.

Product quality and a prompt response complete an internal chain that starts when the raw materials are chosen. We match industrial processes with specific requirements thanks to an internal dual-action protocol, one which is human and maintains ongoing communication, and the other which is digital for intelligent data management.

QUALITY, A TOTAL MANAGEMENT ISSUE

We give shape and substance to the increasingly advanced performance levels of customers.

This is our mission. In our partnerships we reach joint objectives with products that are increasingly high-performing and reliable.

Every small detail of our steel expresses the work of our entire team, and we believe that offering maximum quality means listening to customers, meeting all specifications, and working together to make everything supplied a personal solution.

This is what we mean by total quality management.





GROUP COMPANIES

ALPIFER SRL



UNIFER®
SOLUZIONI D'ACCIAIO PER L'EDILIZIA

MPL
THE BUILDING STEEL

PRESIDER
THE BUILDING STEEL

PRESIDER
ARMATURES



ACCIAIERIE
CALNISANO S.P.A.

CALEOTTO

FERALPI
PROFILATI NAVE

CO GE ME
Steel srl

FERALPI STAHL

FERALPI ALGÉRIE



FERALPI
SIDERURGICA

COMECA
TECNOLOGIE

Feralpi Siderurgica is a leading manufacturer of reinforcing steel in bar, smooth and ribbed wire rod, recoiled, drawn and welded wire, in Italy and other European markets.

It is equipped with high-tech systems for cutting up and shredding scrap and for the sorting of ferrous materials, which are delivered by road or rail.

The steel mill uses “mini-mills” electric-arc furnace technology for treating molten steel in ladles and the continuous casting of steel billets that feed downstream rolling mills in real time. The parent company has decided to adopt a responsible and sustainable approach in its production and development processes.



Safeguarding of the environment in which it operates, respect for humankind within an integrated approach, capitalising on local resources and transparent dialogue with local communities are fundamental guidelines for the company's growth.

The concept of corporate social responsibility that drives Feralpi Siderurgica is extended to all Group companies and directs all business strategies. The company also stands out for its research and development programmes that are aimed at reducing emissions and limiting energy consumption, by adopting cutting-edge technologies, patents and quality certifications.

RESEARCH & DEVELOPMENT

Basic research enhanced by the participation in major international projects and innovation-focused research activities are an essential part of Feralpi's business strategy. As is the belief that it is necessary to invest in new resources in order to generate new process technologies able to give shape to sustainability and competitiveness. The achievement of the best technical performance, by reducing consumption, cutting down emissions and progressively increasing safety standards is Feralpi's priority.

◆ BUSINESS

Production of steel in billets, reinforcing steel in bar and coils, plain and ribbed wire rod, recoiled and drawn wire and welded mesh.

◆ MAIN CERTIFICATIONS

- CEMAS
- UNI EN ISO 9001
- EPD
- SUSTSTEEL
- ICMQ ECO GOLD
- ECOSISMIC
- END OF WASTE
- MINIMUM RECYCLED CONTENT
- UNI EN ISO 14001
- OHSAS 18001

◆ LOCATION

Lonato del Garda (BS)

◆ PRODUCTION PLANTS

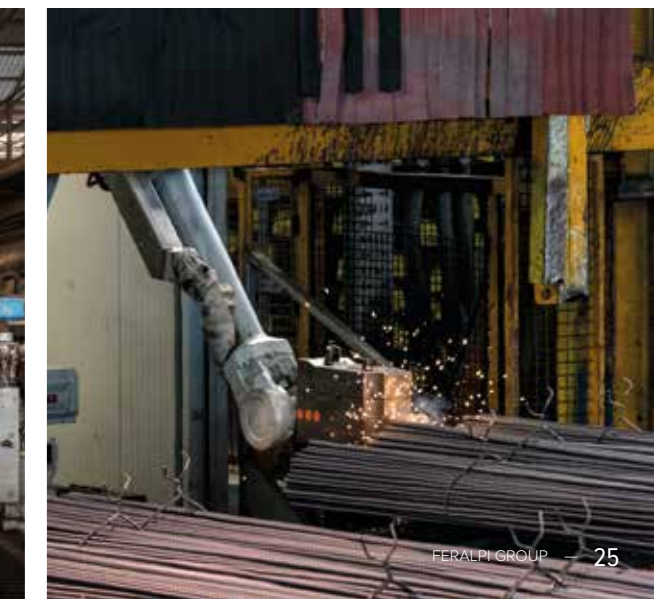
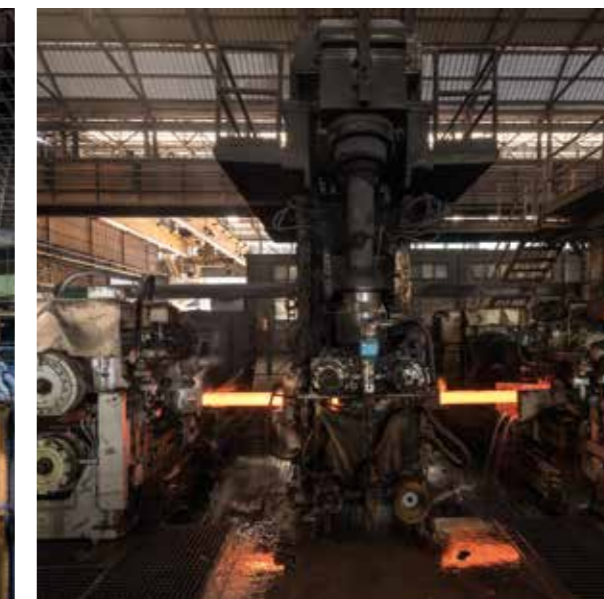
- 1 scrap shearing plant
- 1 car shredding plant (fluff)
- 1 scrap refining plant
- 1 steel mill with electric arc furnace (EAF), ladle furnace (LF) and continuous casting machine
- 2 hot rolling mills
- 4 welded mesh production lines
- 5 stretching and recoiling lines
- 7 cold rolling lines



over
600
EMPLOYEES
and external workers

over
500,000
TOTAL SURFACE AREA
(m²)

1968
FOUNDATION YEAR



Presider is the company taken over by Feralpi Siderurgica that bears witness to the Group's ability to verticalise production into downstream sectors and approach target markets. With its four production plants, the company supplies specialised products for the building construction industry in Italy and abroad.

With latest-technology equipment, and a high level of automation and computerisation, Presider can supply and install pre-shaped reinforcing steel in bar and welded mesh in standard sizes and to measure, as well as designing, making and installing preassembled elements, such as framework for poles, columns, diaphragms, blocks for TBMs (Tunnel-Boring Machines), curbs, plinths and any type and size of reinforcing elements.

Presider can also develop technical solutions to speed up on-site production processes, according to its delivery schedules and customer requirements, using advanced BIM (Building Information Modelling) software.

◆ **BUSINESS**

Manufacturing of reinforcing steel in bar for building construction.

◆ **MAIN CERTIFICATIONS**

- System Certification, UNI EN ISO 9001
- Transformation Centre Activity Report
- Product Certification, NF-Armatures
- Welding Process Certification
- to UNI EN ISO 17660-1 and UNI EN ISO 17660-2
- Certification of Personnel performing welding and weld inspection tasks

◆ **EQUIPMENT**

- 10 cut-to-measure stations
- 29 shaping stations
- 70 welding systems
- 47 lifting systems
- 29 machines for pre-assembled formwork and formwork assembly lines

◆ LOCATIONS

Borgaro Torinese (TO)

Maclodio (BS)

Pomezia (Rome)

Saint-Souplets (Paris)

over
210
EMPLOYEES

over
73,000
TOTAL SURFACE AREA
(m²)

1985
FOUNDATION YEAR



Becoming a partner in the construction industry by entering the market dealing with the manufacture of structural steel products with a dedicated company and equipment.

As a result, Metallurgica Piemontese Lavorazioni was established in 2014, which has made the Feralpi Group a main industry player in pre-processing steel for structural steelwork. In the space of a few years, this young, dynamic company has managed to become a leading partner for designers, for the major Italian metal structural work companies and for the most important building and construction enterprises.

MPL is equipped with modern FICEP systems for profile cutting, drilling and notching the entire range of rolled girders (HEA, HEB, HEM, IPE, INP, UNP) with a cross section of up to 1000 mm, available from stock in 24 m lengths; on customer request, the company can also supply welded, studded, sand-blasted, painted and galvanized beams.



A full range of L-sections in commercial sizes, cut to measure and drilled is also available from the spacious warehouse. The logistics division guarantees on-time delivery throughout Italy, along with an efficient and capillary network of sales agents.

A skilled team of engineers at the in-house design office develop appropriate solutions and provide technical advice to customers in the industry.

◆ **CERTIFICATIONS**

MPL has obtained EN 1090-1 certification “Execution of steel and aluminium structures”, and is qualified for the supply of structural components in EXC4 Execution Class, i.e. the maximum class provided by this standard.

Each supply delivered by MPL is accompanied by a Declaration of Performance (DoP) to which Test Certificates 3.1 issued by the manufacturer of raw material are attached. The welding and/or studding processes adopted by MPL suppliers are certified by an independent auditing firm.

All processes of surface coating of components (galvanizing, painting, sand-blasting) are accompanied by a Declaration of Conformity in accordance with applicable regulations. MPL has obtained the Transformation Centre Report Certificate issued by the Central Technical Service, in accordance with the provisions of Italian Ministerial Decree of 17/01/2008 “Technical Standards for Construction” and ISO 9001 certification.

◆ **BUSINESS**

Girder processing centre for the structural steelwork industry.

◆ LOCATION

Rivoli (TO)

◆ PRODUCT RANGE

L 24000 girders with cross section up to 1000mm, S275JR / S355JR-J0-J2 grades;
L-sections in standard length and cut to measure.

◆ EQUIPMENT

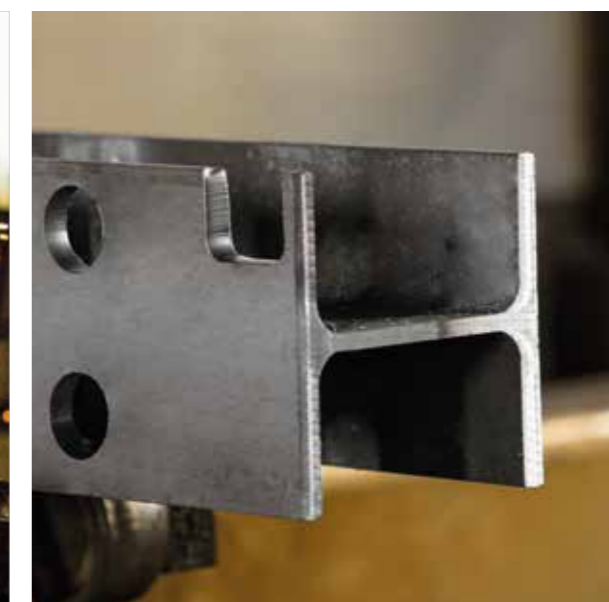
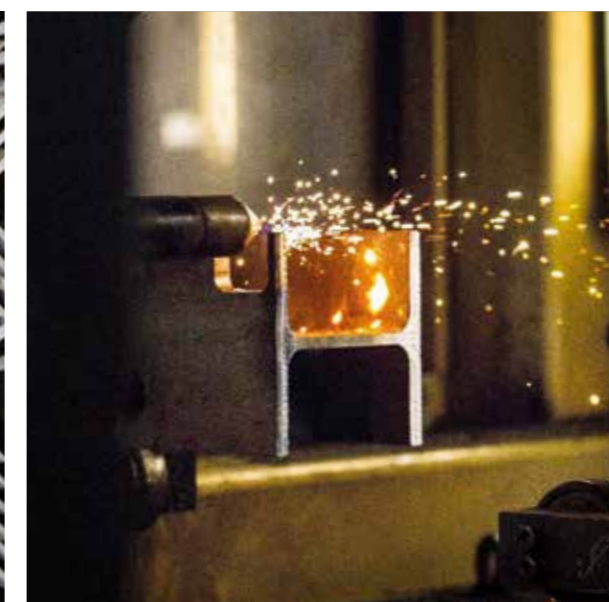
- 6 cutting lines
- 4 drilling lines
- 1 notching line
- 1 angular punching and cutting line



over
50
EMPLOYEES
and external workers

40,000
TOTAL SURFACE AREA
(m²)

2014
FOUNDATION YEAR





Unifer and Steelfer have united to strengthen Feralpi Group's market presence through a verticalised offering in a fully integrated supply chain.

The assets of Unifer S.p.A. and Steelfer S.r.l. are incorporated into the holding company Alpifer, which is based in Piacenza and is a subsidiary of Feralpi Siderurgica, to form a joint organisation encompassing the production strength and quality of Feralpi wire rod, the transformation capacity of Unifer and the sales organisation of Steelfer.

Unifer specialises in the building trade and produces wire rods and coils, lattice girders, single lattice girders, lattice reinforcements, standard or customised flat and profiled welded wire mesh. The company has become established in the steel industry, thanks to its ability to provide customers with quality products and specific solutions in the manufacture of items, ensuring appropriate technical support.

Unifer supports new construction methods in the prefabricated, civil engineering, industrial and infrastructural building construction sector. The solution to offer a "tailored" product meets the requirements of numerous applications in the reinforced concrete sector and results in optimised costs and work times (building yard days), easier installation and competitive execution of works. All the products supplied feature high precision in terms of geometry, mesh size and wire diameters.

◆ LOCATIONS

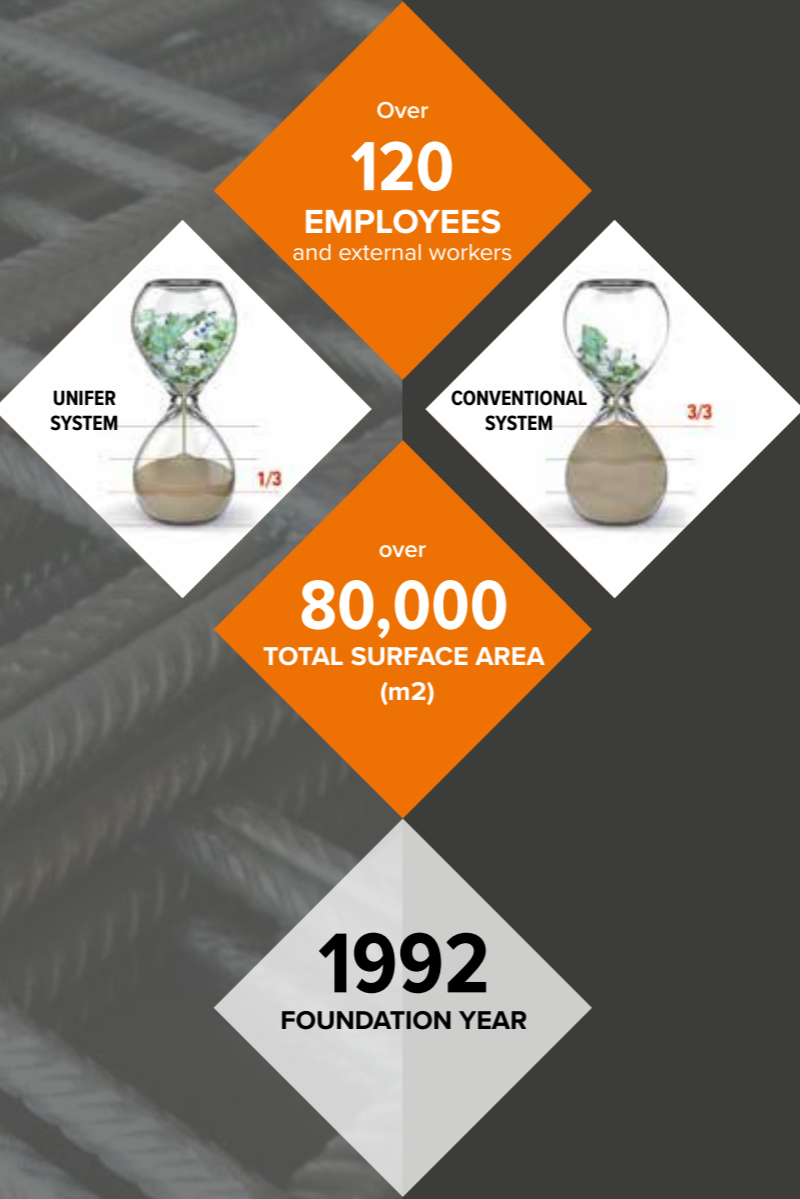
Villanova sull'Arda (PC)
Ceprano (FR)

◆ BUSINESS

Production of wire rods and coils, standard or customised flat and profiled welded wire mesh, lattice reinforcements, and iron finished for reinforced concrete.

◆ MAIN CERTIFICATIONS

- Product certificates and qualifications for the processing centre for Italy
- AFCAB for France
- EMPA for Switzerland
- UNI EN ISO 9001:2015
- Welder qualification in accordance with UNI EN ISO 9606-1:2017
- Welding qualification in accordance with UNI EN ISO 17660-2:2007



Originally set up as a sales agency in the iron and steel industry, Steelfer later branched out into the sale of rebar and mesh, stranded and braided wire for pre-stressed reinforced concrete.

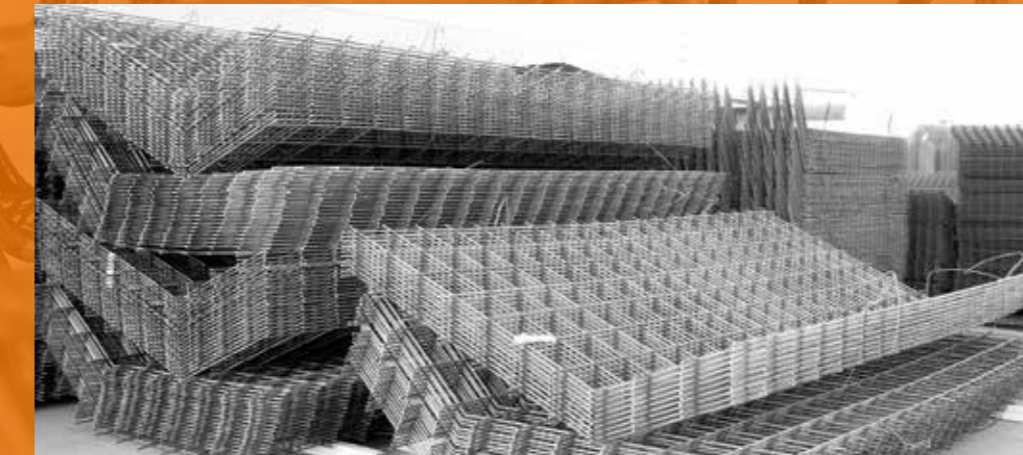
Over the years, the company has become a benchmark for traders and manufacturers of pre-shaped rebar and civil engineering and industrial prefab building construction, by establishing a well-organised, capillary sales network throughout the whole of Italy.

◆ LOCATION

Collecchio (PR)

◆ BUSINESS

Agency selling and trading in standard and special flat and profiled welded wire mesh, welded lattice girders, round bar, and reinforced concrete products.



Nuova Defim Orsogrill, which joined the Group in 2008, was the first step taken by the Feralpi Group towards the diversification of business in the steel industry.

Nuova Defim is the sole European manufacturer able to offer Orsogrill branded wire and grating mesh systems.

The company combines lengthy tradition and advanced technology to guarantee a service that meets the expectations of the steel industry, the manufacturing industry in general and the building construction sector.

It also specialises in fencing projects for major public works, residential buildings, sports facilities and high security areas.



The quality and design of the solutions are enhanced by the high level of before- and after-sales service, supported by a quality design office.

The constant quest for improvement in products and processes is the basis of technological development when conceiving and giving shape to new solutions that meet and even anticipate domestic and foreign market requirements at an engineering, functional and aesthetic level. An inhouse one-of-a-kind design office flanks the customers in using latest-generation software programmes to develop highly efficient and high performance solutions.

◆ **SMART TECHNOLOGIES AND MUCH MORE BESIDES**

The search for innovative solutions at the service of modern building construction has enabled Nuova Defim Orsogrill to develop latest-generation anti-intrusion alarmed fencing systems.

With the MACS (MEMS-based anti-climb) system, the most advanced sensor system is combined with the strength of steel to make fencing a smart feature offering maximum security in its simplest form.

Feralpi Group's remarkable propensity for sustainable development has recently involved the vine-growing and wine-making industry, with a new line designed specifically for farming, and vineyards in particular. Thanks to the quality of Feralpi steel, and the capacity of Nuova Defim Orsogrill for vertical integration in different markets, a new wire in weathering steel has been produced, known as PAN.

This alternative high-quality solution is environmentally-friendly and of significant aesthetic appeal. The line is complete with Pan Mesh, flexible knotted welded wire mesh in weathering steel.

◆ **BUSINESS**

Production of welded mesh, gratings and fences.

◆ LOCATIONS

Anzano del Parco (CO)

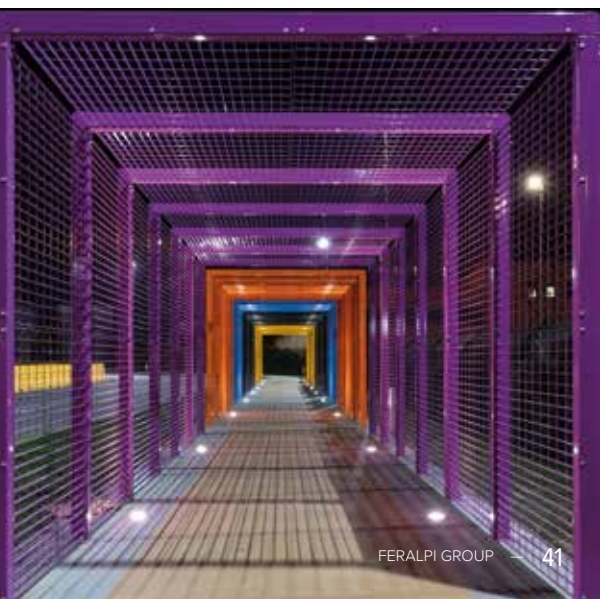
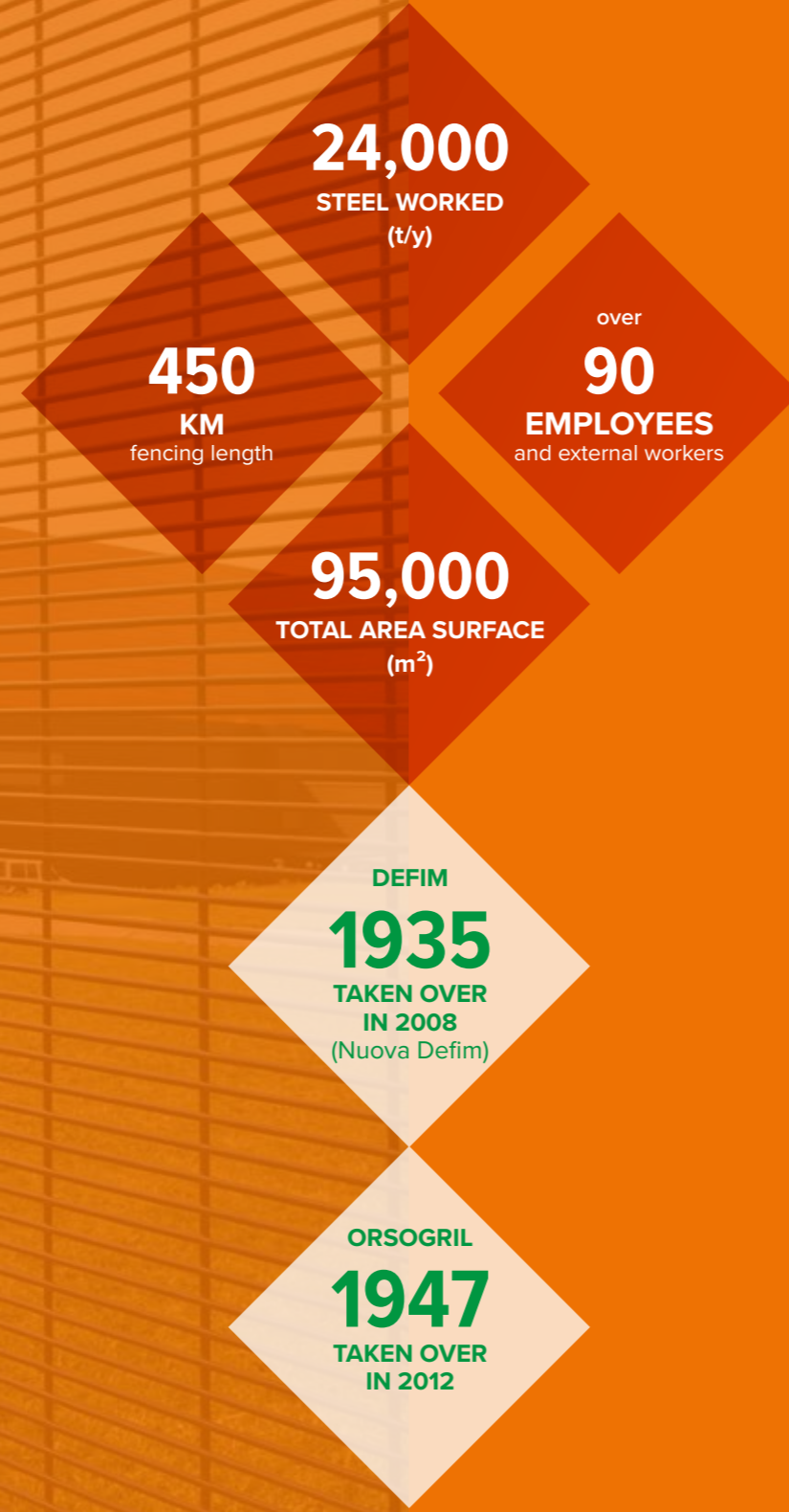
Alzate Brianza, località Pioppette (CO)

◆ MAIN CERTIFICATIONS

UNI EN ISO 9001
CE marking

◆ EQUIPMENT

- 11 welding machines for the production of welded mesh
- 1 bay dedicated to mesh bending and coping, using:
 - 5 anthropomorphic robots for mesh bending/welding and finish
 - bending machines / coping machines / shears
- 2 welding machines for horizontal grating
- 2 welding machines for vertical grating
- 1 bay for the processing of horizontal and vertical grating job orders
- 1 automatic cutting line of horizontal grating job orders
- 3 manual cutting machines
- 1 automatic flanging system for fences
- 1 automatic flanging system for horizontal grating
- 2 SCT semiautomatic flanging machines



Acciaierie di Calvisano gives substance to Feralpi Group's diversification strategy towards high value-added markets.

The company is at the head of a supply chain that starts with billets produced using modern and efficient equipment, to encompass downstream quality wire rod with Caleotto, merchant products and round and square hot rolled bars with Feralpi Profilati Nave and CO.GE.ME Steel.

This line of development drives research and technological innovation at Acciaierie di Calvisano, where there is continued focus on producing special steels designed for rolling or moulding operations.



Commercial growth, which is based on Feralpi Group's corporate social responsibility policy, has been possible thanks to a significant increase in production efficiency, reduced consumption and emissions and continuous investments.

Sustainable development marked, among other things, by premium quality, is an indispensable requirement for the company and its target markets; it is the ultimate goal of the major and professional investments required to continue to be the Group's driving force for growth.

◆ **BUSINESS**

Production of billets.

◆ **MAIN CERTIFICATIONS**

- UNI EN ISO 9001
- UNI EN ISO 14001
- MINIMUM RECYCLED STEEL CONTENT
- ETS
- TÜV certificate PED AD2000 W 0

◆ LOCATION

Calvisano, località Viadana (BS)

◆ EQUIPMENT

1 scrap refining plant
1 steel mill with electric arc furnace, ladle furnace and continuous casting machine
with two stirrers and special trays for the special protected casting of special steels.

over
150
EMPLOYEES
and external workers

over
230,000
TOTAL SURFACE AREA
(m²)

1972
FOUNDATION YEAR



Caleotto is Feralpi Group's expert in the production of wire rod that is obtained from the premium-quality billets supplied by Acciaierie di Calvisano.

Jointly owned by Feralpi Siderurgica and Duferco Italia Holding since 2015, Caleotto recaptures the centuries-old manufacturing tradition of the Lecco area adapting it to domestic and foreign markets according to modern technologies and the requirements of a market that bases its strength on quality.

By using Acciaierie di Calvisano steel, Caleotto can produce wire rod that provides customers with guarantees in terms of performance, products, processes, services and support.

Caleotto is dedicated to quality, and gears all strategic decisions towards high-end products. Innovation in plant engineering and sales organisation focus on increasing the process and product quality.



The company recently invested in new technologies to ensure a modern, highly performing rolling mill that guarantees product quality that meets the requirements of an increasingly demanding market. A latest-generation Enterprise Resource Planning (ERP) system has recently been incorporated to ensure integration, precision and speed.

Be it the management of technical / production data and product lifecycle, production planning, logistics tracking, or delivery and shipment planning, Caleotto is committed to achieving maximum efficiency in the supply of high-level products and service.

◆ QUALITY

- A new in-house laboratory equipped to the highest modern standards, for the performance of mechanical inspections and tests, chemical and quantitative analyses, chemical analyses for combustion and metallography, by taking out the most of corporate know-how of products and processes
- A range of over 70 steel grades in various product families, such as bolt and nut steels and cold upsetting, medium- and highcontent carbon steels, high-alloy carbon steels for cables and wire strands, spring steels, automatic sulphur steels, structural steels, continuous welding and electrodes, common electrode welding, common die drawing and polished wire
- 100 new feasibility studies developed in the modern in-house test laboratory to identify innovative products able to meet increasingly demanding customer requirements, by maximising the integration of customer product and process know-how
- Ongoing cooperation with the Lecco-based department of Politecnico di Milano scientific-technical university for a continuous exchange of knowledge for the development of R&D projects, which are supported by researchers and Politecnico graduating students
- Design office for customer assistance

◆ LOCATION

Lecco (LC)

◆ BUSINESS

Rolling of special long products.

◆ MAIN CERTIFICATIONS

UNI EN ISO 9001

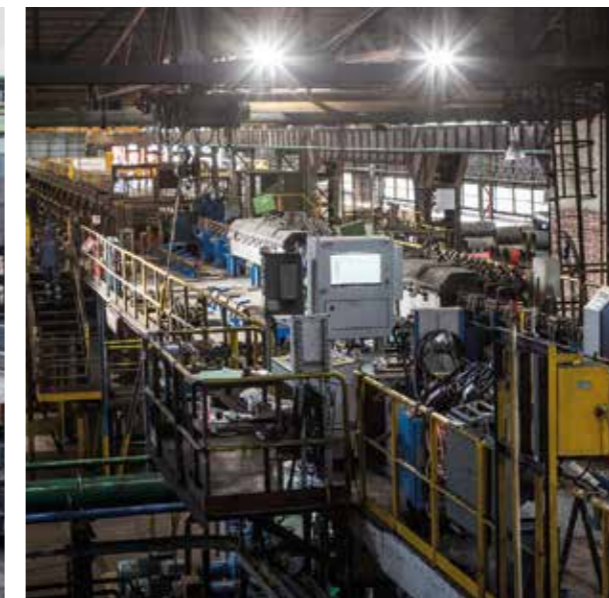
◆ EQUIPMENT

- heating furnace with modern automation features
- rolling mill with 30 stands
- 4-step calibrator (with MEERdrive technology)
- loop for thermomechanical rolling processing
- latest-generation double-pipe spire-shaped head
- stelmor cooling conveyor
- advanced coil handling system
- horizontal press binding machine with in-line weighing machine
- latest-generation scanner and pyrometers along the entire system
- level 2 automation guaranteeing full product traceability
- wire rod size range: sectional diameters from 5.5 mm to 26 mm

over
100
EMPLOYEES
and external workers

96,000
TOTAL SURFACE AREA
(m²)

1896
setting up
of the ARLENICO
rolling mill



Located in the heart of Brescia's steel industry area and characterised by a strong sense of manufacturing, Feralpi Profilati Nave joined the Feralpi Group in 2016.

It specialises in the production of angular rolled products, rolled products with U sections, T sections, square and round bar in alloy steels and carbon fibre, and rolled billets.

The key strength of the company is the wide range of products that are supplied to customers in various fields of industry and in numerous markets.



Following the takeover of Feralpi Profilati Nave, the Feralpi Group has strengthened its business diversification with an emphasis on top quality, a transversal factor applied to the entire process because the billets are supplied by the group subsidiary Acciaierie di Calvisano.

Feralpi Profilati Nave supports the Feralpi Group's focus on high-value markets, providing a benchmark, thanks to technological investments and new organisational systems, and the company performs well in tackling a market where quality, timely response times and customer assistance are competitive differentiators.

◆ **BUSINESS**

Production of angular rolled products, rolled products with U-sections, T-sections, square and round bar in alloy steels and carbon fibre, rolled billets, special profiles.

◆ **QUALITY**

- Hot-rolled steel sections for structural work applications
- Rolled steel sections for structural applications with improved resistance to atmospheric corrosion
- Billets and rounds for moulding
- Square and rounds in alloy steels and carbon fibre for structural and mechanical use

◆ **MAIN CERTIFICATIONS**

- UNI EN ISO 9001
- CE marking

◆ LOCATION

Nave (BS)

◆ EQUIPMENT

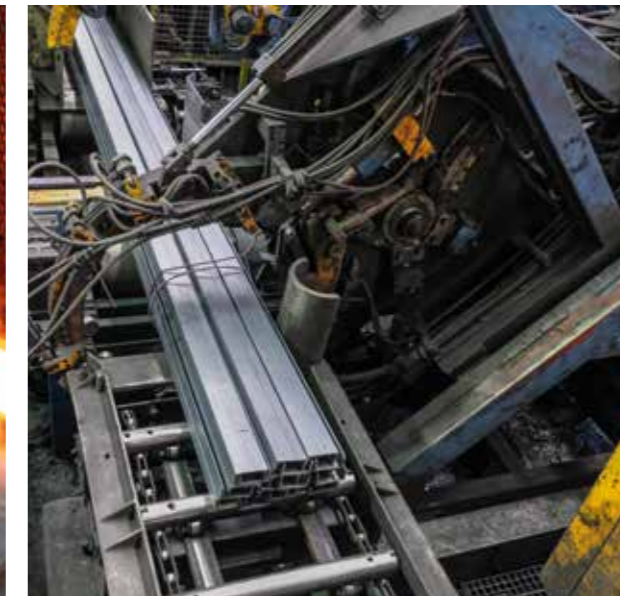
- 1 billet heating furnace
- 1 roughing machine framework
- 1 in-line rolling mill with 15 rolling stands
- 2 start/stop shears for hot cutting operations
- 1 laser profilometer to check dimensions
- 1 cooling plate with mobile teeth
- 1 multi-wire straightening machine
- 1 start/stop shears for cold cutting operations
- 1 bundle assembly machine
- 2 binding machines
- 1 weighing system
- 1 water purification and treatment plant for cooling water
- 3 lathes for profiling rolling cylinders



over
90
EMPLOYEES
and external workers

over
43,000
TOTAL SURFACE AREA
(m²)

1961
FOUNDATION YEAR





Feralpi Group's drive in its business diversification process towards high value markets was boosted following the acquisition in 2015 of a share in CO.GE.ME Steel.

This player is supplied with quality billets from Acciaierie di Calvisano.

CO.GO.ME Steel's core business is the production of quality hot-rolled sections for applications in all fields of industry, including the automotive sector, and also artisanal activities for which steel sections made by GO.GE.ME Steel are the best resolution for their specific requirements.

◆ **LOCATION**

Casalmaggiore (CR)

◆ **BUSINESS**

Production of hot rolled flats, squares, rounds and special sections.

◆ **MAIN CERTIFICATIONS**

CE marking

over
20
EMPLOYEES
and external workers

25,000
TOTAL SURFACE AREA
(m²)

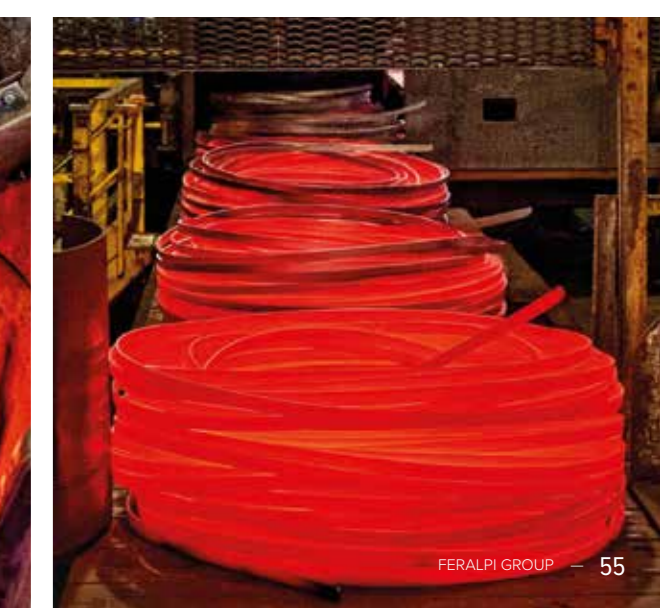
1970
FOUNDATION YEAR



The range of cold-rolled flat square sections and rebar is complemented by steel in coils that are subsequently stretched for use in downstream cold operations and automated processing with coils of up to 3000 kg. On specific request, the material can be supplied calamine-free by sand-blasting processing.

All products are subjected to strict quality control both during and at the end of production. The subsequent stages consist of dimensional checks and inspection on the quality of finish and shape of each individual product.

All the processes are monitored by an in-house BILLET TRACKING procedure as part of an ongoing improvement of the quality of products and services offered. It is worth noting that the company has obtained the CE marking, an indicator attesting to the safety of products placed on the European market.



Internationalization of sales and production is a distinctive feature of Feralpi Group’s development strategies.

Since the early 1990s, Feralpi has pursued a policy aimed at reinforcing its presence in Germany and other EU countries. Feralpi Stahl, the foreign sub-holding based in Riesa (Saxony), encompasses a pool of European enterprises that have brought Germany’s great steelmaking tradition to the service of the Group.

From steel manufacturing to cold processing and logistics operations, Feralpi Stahl shares the Group’s corporate social responsibility policy of respect for humankind and the environment.



◆ BUSINESS

Production and trade of steel products for concrete construction.

◆ MAIN CERTIFICATIONS

- EN ISO 9001
- EN ISO 14001
- EN ISO 50001
- EMAS

◆ EQUIPMENT

- 1 scrap shredding plant (fluff)
- 1 scrap refining plant
- 1 steel mill with electric arc furnace (EAF), ladle furnace (LF) and continuous casting machine
- 1 continuous hot-rolling mill with single bar and cooling plate (bar production line) and conveyor for loops (wire rod production line)
- 7 drawing machines
- 5 straightening and cutting machines
- 9 machines for standard, special welded mesh and spacer bars
- 4 straightening and stretching machines



◆ **ESF Elbe-Stahlwerke Feralpi GmbH**

is Feralpi Stahl's largest business unit specialising in the production of hot-rolled rebar and coils, reinforcing steel stretched coil, billets and wire rod. ESF owes its production and quality strength to its modern EAF steel mill and state-of-the-art technology.

Under the stated aim of achieving increasingly high productivity and the utmost efficiency in terms of environmental protection, investments are continually being made in the production plants.

◆ **EDF Elbe-Drahtwerke Feralpi GmbH**

provides the market with a vast range of products for the reinforcement of building components, which includes steel mesh, spacer bars and drawn wire rod. Produces standard and customised welded wire mesh.

◆ **Feralpi Stahlhandel GmbH**

is Feralpi Stahl's commercial unit that encompasses the entire range of products. From its headquarters in Riesa and the Aichach location in Bavaria, it supplies numerous customers all over Europe.



◆ **Feralpi-Logistik GmbH**

provides transport services in synergy with Feralpi Stahlhandel GmbH. The company delivers products made by EDF Elbe-Drahtwerke Feralpi GmbH and ESF Elbe-Stahlwerke Feralpi GmbH to national and international markets.

The rapid market success of this company is the result of the use of latest generation equipment, and its own fleet of modern vehicles. It offers a flexible service that is tailored to specific customer requirements.

◆ **Feralpi Hungária kft**

is headquartered in Csepel, where the company produces welded mesh and processed products for the Hungarian construction industry. The company's ability to meet various market requirements is confirmed by the fact that it possesses conformity certificates for Slovakia, Romania and Croatia.

◆ **Feralpi Praha s.r.o.**

is located in Kralupy in the Czech Republic. Feralpi Praha produces welded mesh, cold-drawn reinforcing steel in bars and coils for the construction industry and has obtained the certifications required to operate on the domestic market as well as in Slovakian, German and Austrian markets.

◆ LOCATIONS

- Riesa (Germany)
- Kralupy (Czech Republic)
- Csepel (Hungary)

◆ QUALITY

Each steel product fully complies with national technical standards. Certificates for Belgium, Germany, France, Netherlands, Poland, Sweden, Switzerland, Slovakia, the Czech Republic and Hungary are available.



over
740
EMPLOYEES
and external workers

over
480,000
TOTAL SURFACE AREA
(m²)

1992
FOUNDATION YEAR



Feralpi Algérie was set up to serve the construction industry in the North African market. A leader in the manufacture of steel for use in building construction, the Feralpi Group was established in Algeria in 2013 offering top-grade products and proven know-how based on a lengthy tradition in the industry.

Feralpi Algérie is a company operating in a market characterised by strong, rapid expansion. Feralpi is the privileged supplier of all those requiring superior quality steels, quick delivery and a wide selection of products for use in major public infrastructural works as well as private building construction, using the most traditional methods and developing modern architectural solutions.

Feralpi Algérie serves the Algerian and other North African markets in a timely manner from the warehouse in Oran, where the company has its headquarters, all in compliance with the applicable regulations.

◆ LOCATION

Oran (Algeria)

over
10
EMPLOYEES

2013
FOUNDATION YEAR





Feralpi Group's holding is part of the diversification process which, supported by extensive knowledge and a strong foothold in the steel industry, is part of the wider national and international field of mechanical engineering.

With its flexible business organisation and an integrated management model, COMECA TECNOLOGIE is able, in a timely manner, to meet any customer's requirements in terms of performance and technical specifications.

COMECA TECNOLOGIE operates in the field of mechanical engineering, namely:

- Design and manufacture of flue gas treatment and removal systems, dioxin-reduction and energy recovery systems
- Construction of systems, machinery and spares for steel mills, continuous casting and rolling systems
- Construction of equipment developed according to either in-house design and CE certification or customer design
- Construction of pressurised equipment according to either in-house or customer design, in accordance with international standards for pressurized equipment
- Customer service to optimise performance of brand-new or existing plant and equipment
- Machining on rolling shafts

◆ **QUALITY**

In-house test laboratories for the inspection of incoming material, in-process control and finished product testing, including the issuance of product certificates to customers.

◆ **BUSINESS**

Systems and spare parts for steel and rolling mills, fume extraction systems.

◆ LOCATION

Lonato del Garda (BS)

◆ MAIN CERTIFICATIONS

- UNI EN ISO 9001:2015
- UNI EN ISO 3834-2:2006
- UNI EN 1090-1:2009+A1:2011

◆ EQUIPMENT

- Machining processes include cutting, calendaring, bending, welding, heat treatment, sandblasting, milling, lathe turning and CNC boring, anti-corrosion treatment and painting.
- The existing infrastructure makes it possible to handle and deliver manufactured large size items weighing up to 120,000 kg.



over
100
EMPLOYEES

over
50,000
TOTAL SURFACE AREA
(m²)

1969
FOUNDATION YEAR





PRODUCTS AND SERVICES

BILLETS

A billet is used by Feralpi Group mainly for the production of reinforcing steel with improved adherence for reinforced concrete, round plain wire rod, drawn wire and profiled wire rod.

Quality and special steel billets for mechanical work to be subsequently cold rolled or pressed are produced by the subsidiary Acciaierie di Calvisano.

All classes of fine-grain alloy and microalloy steels, with controlled sulphur content, are made using ladle furnaces and are subjected to rigorous chemical analyses.

◆ Main technical data

Size range

CROSS-SECTION:

120 mm / 130 mm / 140 mm / 150 mm / 160 mm

LENGTH:

2.5 m / 14 m

◆ Production units

Feralpi Siderurgica

Acciaierie di Calvisano

ESF Elbe-Stahlwerke Feralpi GmbH



REBAR

Rebar is the core of reinforced steel structures. Ribs provide improved adherence to the concrete.

Special chemical analysis and a monitored production process give the rebar excellent mechanical properties for use in severe or harsh applications, requiring a high standard of safety for private and industrial buildings and large motorway, railway and airport infrastructures.

Thanks to its ductility properties, Feralpi reinforcing steel in bar complies fully with anti-seismic requirements.

◆ Main technical data

Size range

DIAMETER:

Ø6 mm / Ø40 mm

LENGTH:

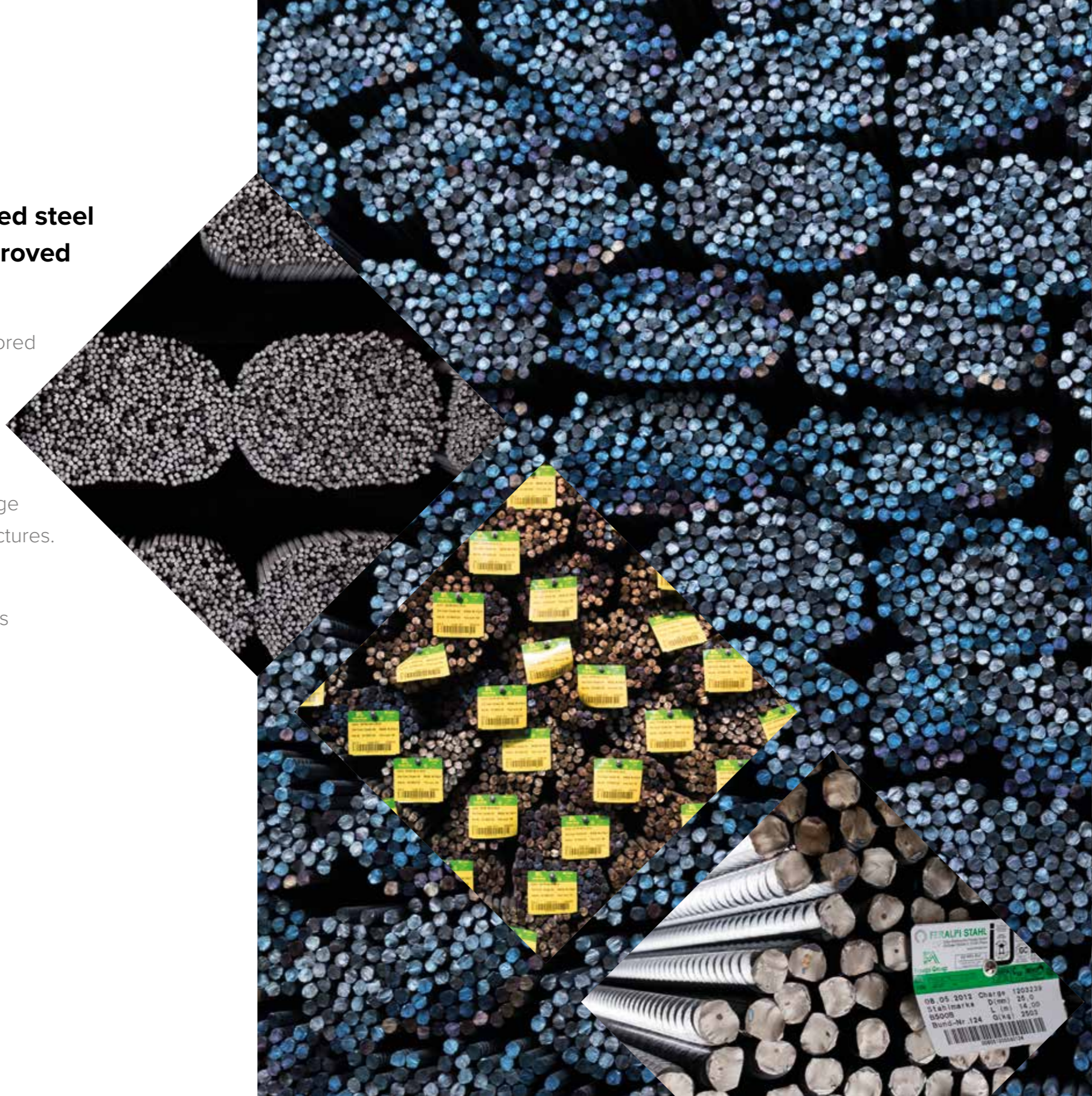
6 -24 m

(special sizes cut to length on request)

◆ Production units

Feralpi Siderurgica

ESF Elbe-Stahlwerke Feralpi GmbH



STRETCHED COIL

Extremely easy to use with a high quality content.

The mechanical properties of weldable hot-rolled coils combined with a compact packaging size, which is nevertheless of considerable weight, facilitate storage in confined spaces.

The special coil-on-coil processing ensures accurate and faster coil unwinding, giving a considerable increase in output. The reduced number of daily changes results in less downtime, less waste and a higher level of safety.



◆ Main technical data

Size range

◆ DIAMETER:

Ø6 mm / Ø25 mm

◆ WEIGHT:

2500 kg – 8000 kg ca.

◆ Production units

Feralpi Siderurgica

ESF Elbe-Stahlwerke Feralpi GmbH



DRAWN ROLLS

B450A/C and B500A/B quality steel is obtained by cold rolling or stretching wire rod.

This product has considerable mechanical characteristics, and is used in subsequent production processes (welded wire mesh, lattice girders and brackets used to assembly metal reinforcements) and as a finished product.

◆ Main technical data

Size range

DIAMETER:

Ø4 mm / Ø16 mm

COIL WEIGHT:

500 kg – 5000 kg ca.

◆ Production units

Feralpi Siderurgica
EDF Elbe-Drahtwerke Feralpi GmbH
Feralpi-Praha s.r.o.
Feralpi-Hungária k.f.t.
Unifer

CUT-TO-LENGTH DRAWN BARS

Steel is supplied in bars cut to length. Diameters and lengths are made to customer specification.

Smooth wire can be provided in rods with diameters ranging from 4 mm to 10 mm.

Ribbed wire can be provided in rods with diameters ranging from 4 mm to 30 mm.

◆ Production units:

Unifer



WIRE ROD

A careful selection of ferrous scrap at the melting and rolling stages ensures a high degree of analytical cleanliness of the wire rod, making it ideal for the production of very thin wires of up to a millimetre, via dry cold or bath drawing.

According to the different grades, wire rod can be transformed into ribbed wires suitable for producing welded mesh used in the construction industry, either in standard format or to measure, or polished and zinc-plated wires used in agriculture and for special fencing.

◆ Main technical data

Size range

DIAMETER:

Ø5.5 mm / Ø20 mm

WEIGHT:

1800 kg ca. (IT)

2500 kg ca. (DE)

◆ Production units

Feralpi Siderurgica

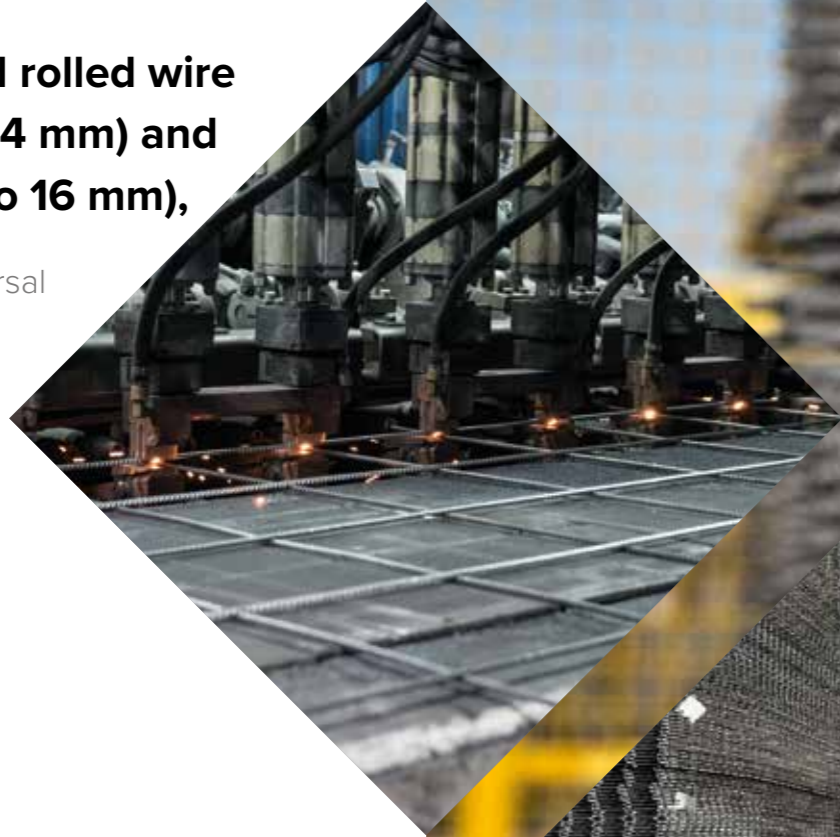
ESF Elbe-Stahlwerke Feralpi GmbH



WELDED MESH

It can be produced with cold rolled wire (starting from a diameter of 4 mm) and hot rolled wire (from 6 mm to 16 mm),

by joining the longitudinal and transversal wires using electric resistance welding to form a panel of the desired dimensions. Easily applied, welded mesh is mainly used for paving, industrial floors, wall reinforcement and for the restoration of dwellings.



Production units

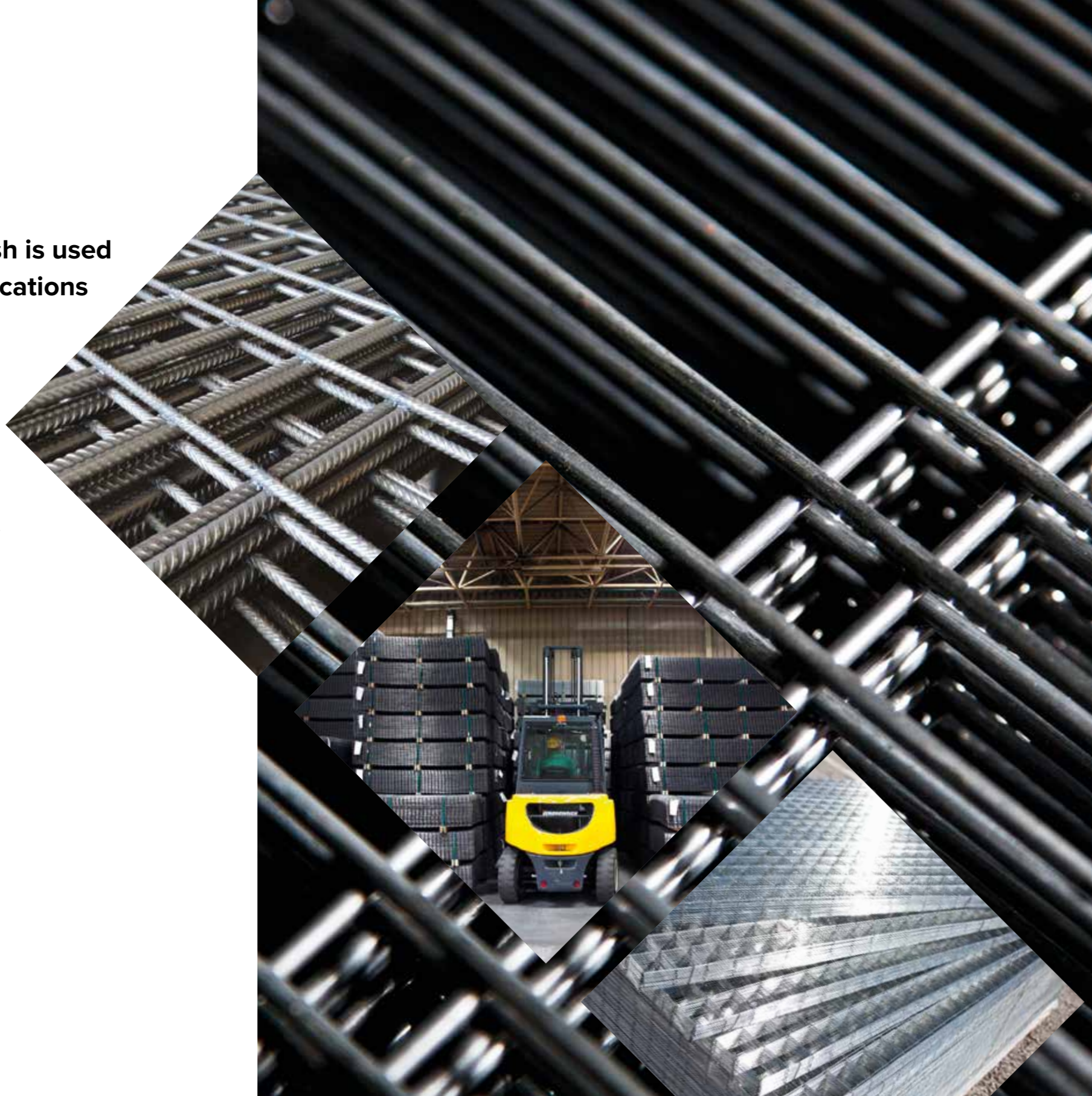
- Feralpi Siderurgica
- EDF Elbe-Drahtwerke Feralpi GmbH
- Feralpi-Praha s.r.o.
- Feralpi-Hungária k.f.t.
- Unifer

products and services

CUT-TO-MEASURE WELDED MESH

Cut-to-measure welded mesh is used in a range of industrial applications varying by sector and type.

Available in various materials (raw wire, galvanized wire, stainless steel), it can undergo specific machining, including cutting to measure and bending in order to meet specific requirements of industries and building construction.



◆ Production units

EDF Elbe-Drahtwerke Feralpi GmbH
Nuova Defim Orsogrill
Presider
Unifer

SPACERS AND GIRDERS

Spacer bars are self-supporting S-shaped mesh strips (or reticular strips) used to create a space between the lower and upper reinforcing framework.

They are used mainly in the construction of floors, masonry work and prefab walls for housing and industrial use.



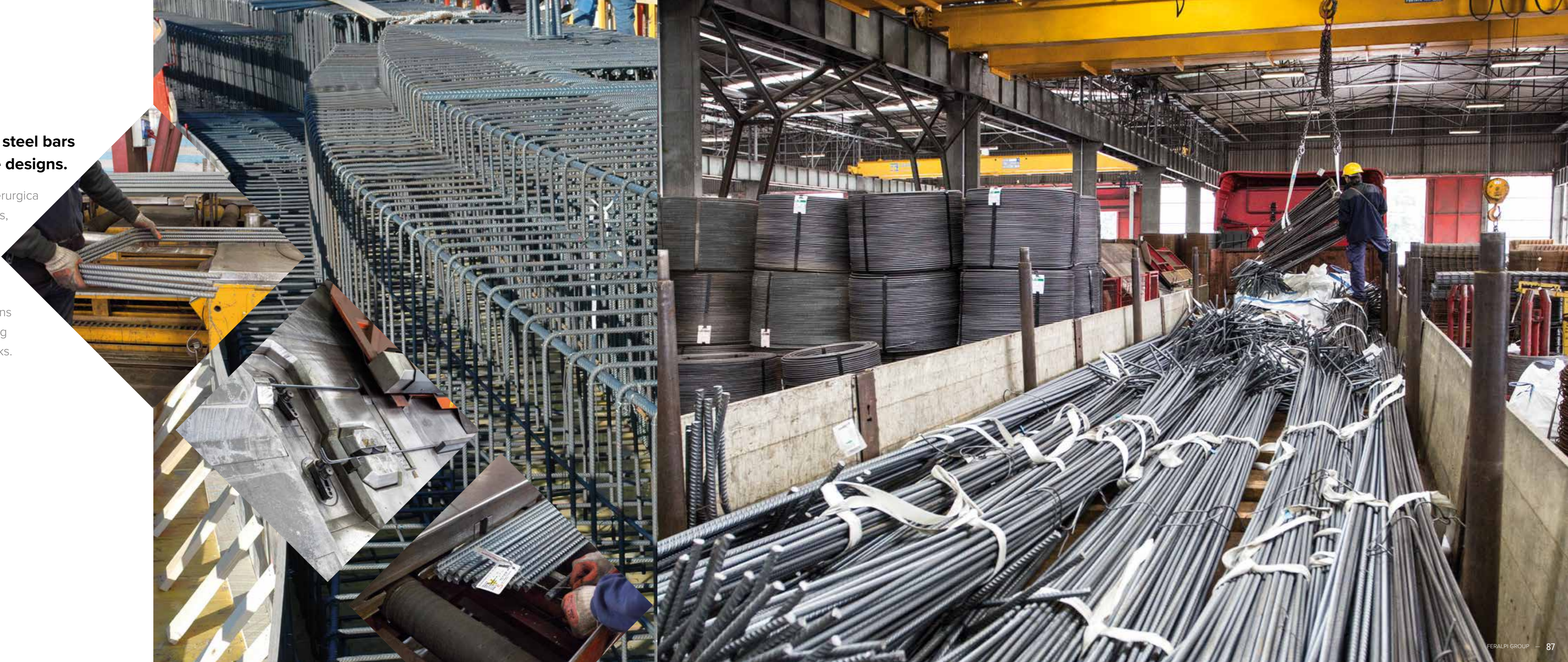
◆ **Production units**

EDF Elbe-Drahtwerke Feralpi GmbH
Unifer

SHAPED ELEMENTS - BARS

Using pre-shaped elements, steel bars produce reinforced concrete designs.

The steel bars supplied by Feralpi Siderurgica steel mill undergo a series of processes, including cutting to measure, welding, bending and calendaring in order to obtain a wide range of steel structures, from the simplest to the most complex, for numerous applications in civil, industrial, road, railway (including underground railway) and harbour works.



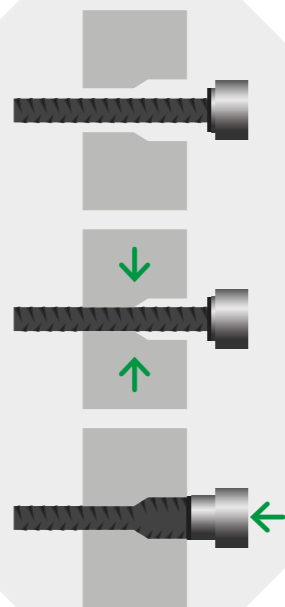
◆ **Production units**

- Presider
- Unifer

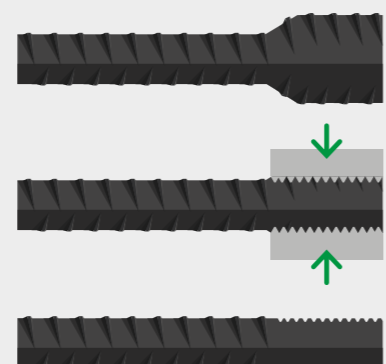
MECHANICAL JOINTS

Mechanical joints between bars are used as an alternative to traditional methods, such as the overlapping of bars or welding.

Mechanical joints consist of sleeves that ensure continuity, eliminate the possibility of error in bar alignment and avoid any obstruction in reinforcements that reduces the flow of aggregate during concrete casting. They minimise the deterioration of concrete caused by incorrect overlap layout and limited reinforcement, and prevent the risk of exceeding the steel-to-concrete ratio parameters.



PHASE 1



PHASE 2

MANUFACTURING

PHASE 1 - Diameter cold expansion on a press.

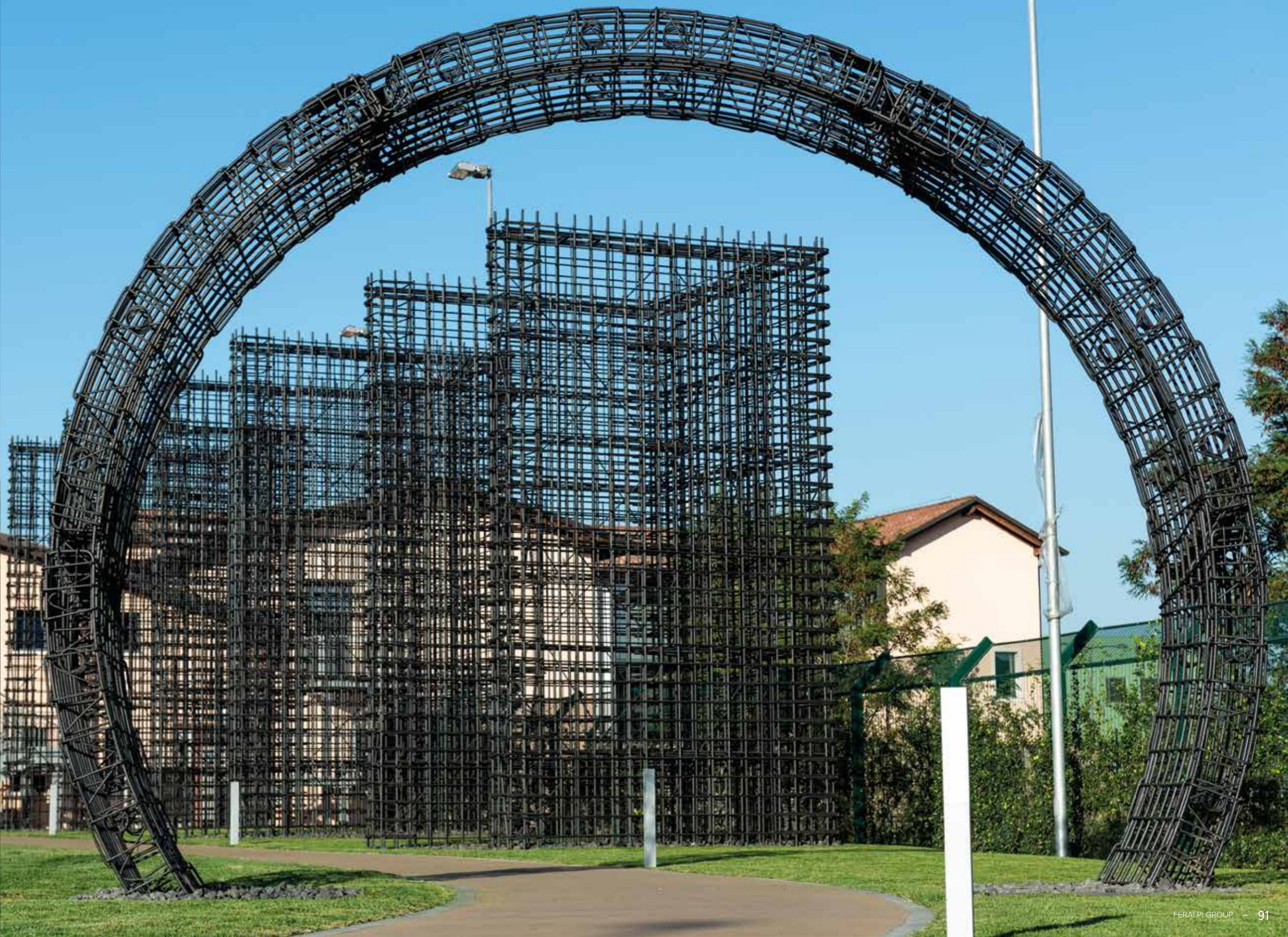
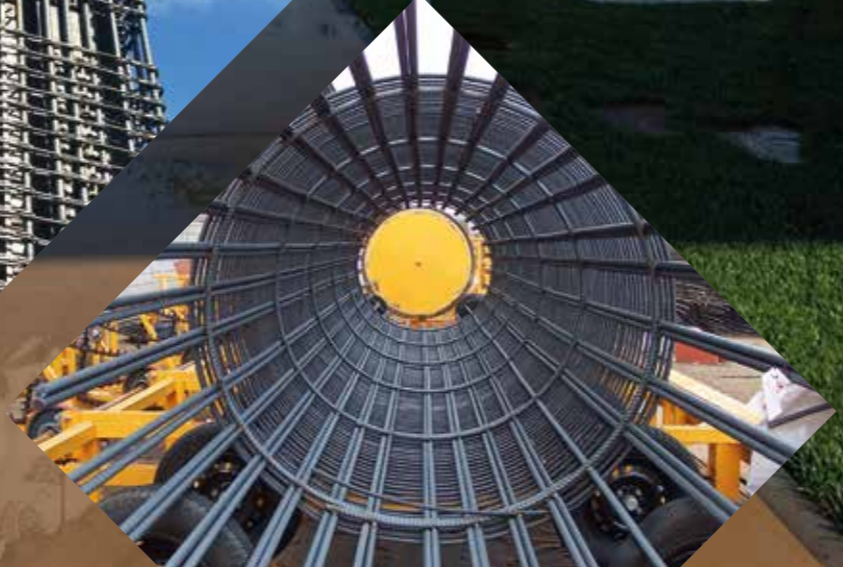
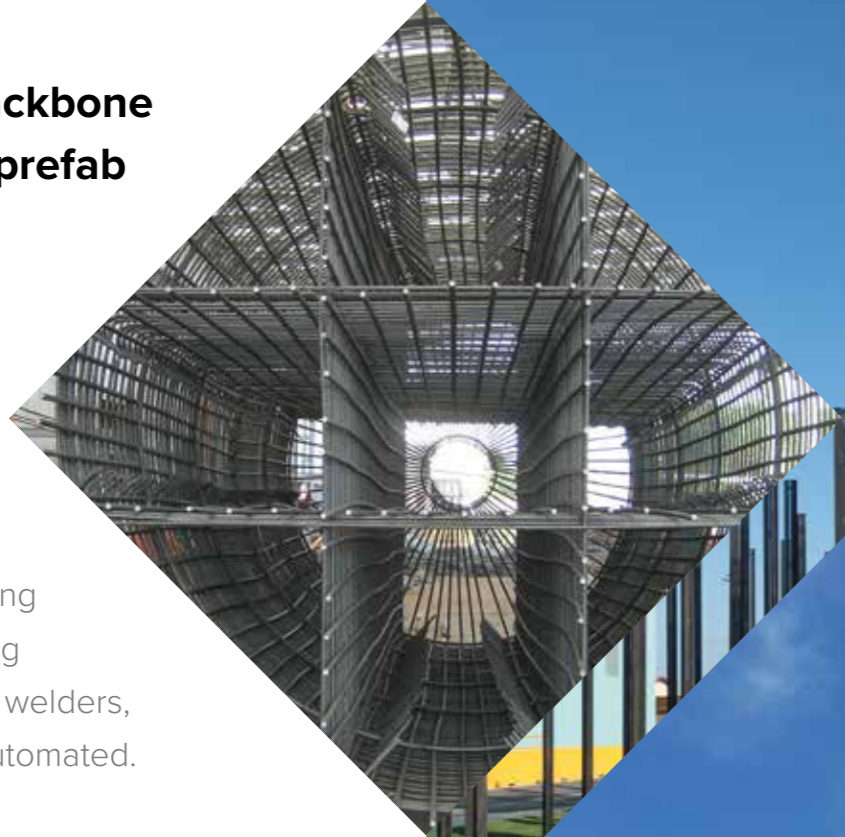
PHASE 2 - Threading of the expanded bar using a dedicated threading machine. This process returns the diameter to the original size.



READY-ASSEMBLED ELEMENTS

Steel frameworks are the backbone of blocks for TBMs, namely prefabricated steel elements used to form rings for lining hydraulic, railway and road tunnels.

They are used to create self-standing plates for the installation of bridges, tunnels, docks, multi-storey buildings and parking garages. They are pre-assembled using certified welding methods by qualified welders, as most of the processes cannot be automated.



◆ Production units

- Presider
- Unifer

PRE-PROCESSED GIRDERS

Pre-processed girders are a key feature in structural building, as they give shape to steel architectural and infrastructural projects of metal carpenters and construction enterprises.

Steel girders undergo a series of processes, such as cutting to measure, bending, welding, drilling, notching, studding, galvanising, sandblasting and painting.



GRATING

Steel flooring gratings are largely used in architectural and industrial applications.

Available in horizontal panels, they are supplied either standard or customised to adapt to specifications in building construction and industrial projects.



◆ Production units
Nuova Defim Orsogrill

FENCING

Wire or railing fence systems consist of sturdy modular panels that ideally combine attractive design and functionality.

Featured in industrial and architectural projects, they provide a high security factor and harmoniously blend in with the setting in which they are installed.

Safety, elegance, privacy, colour or a traditional look, are just some of the characteristics of an offer that has recently introduced new solutions with COR-TEN steel, including façade cladding louvered systems.

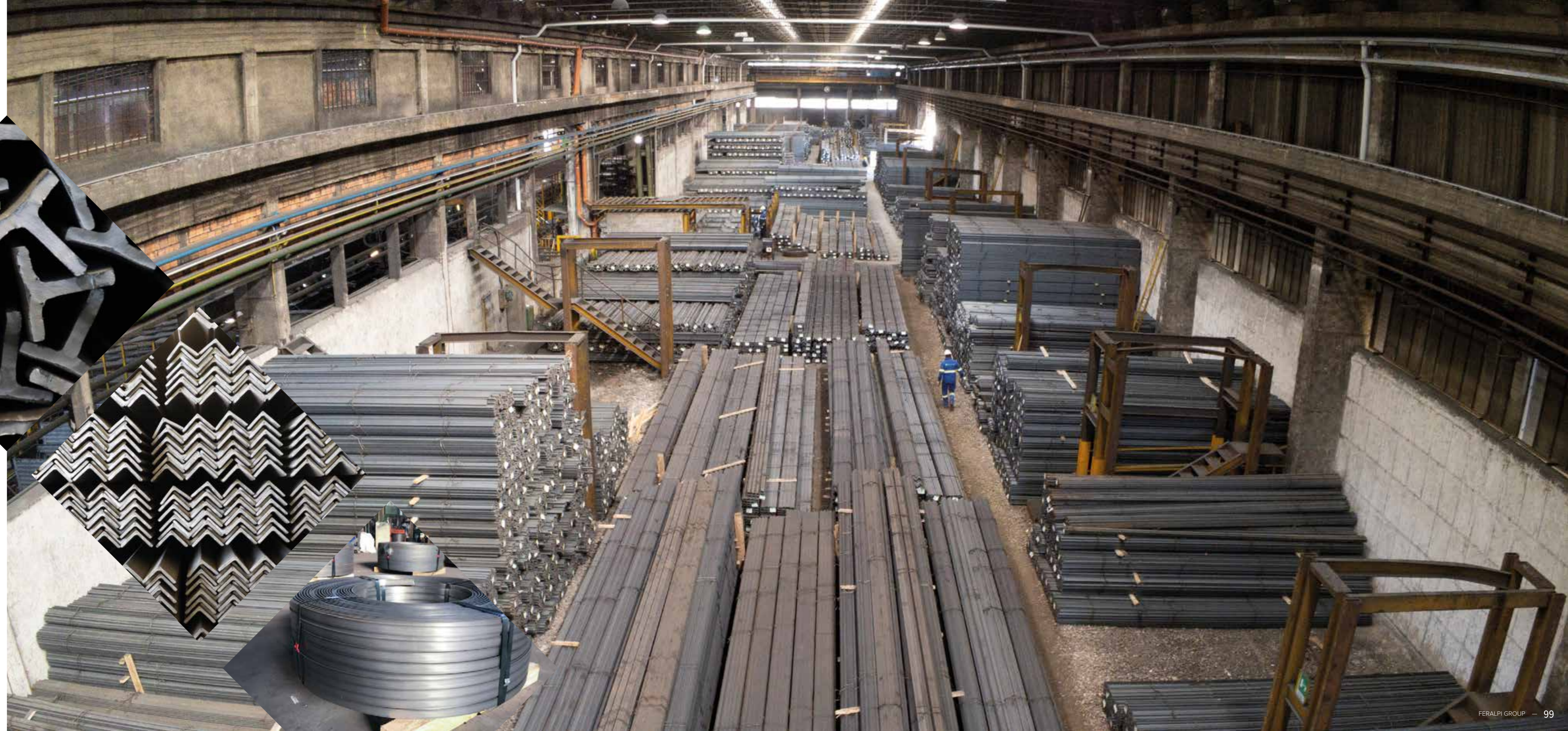


SPECIAL STEEL SECTION BARS

Steel sections are produced by the rolling of billets. Available in various shapes and sizes, they are a structural element that goes into the construction of mechanical and structural works for numerous civil and industrial applications.

They belong to the largest family of merchant steels and include angular sections, T bars and U bars, square and round bars in alloy steel and catchment, rolled billets and special steels.

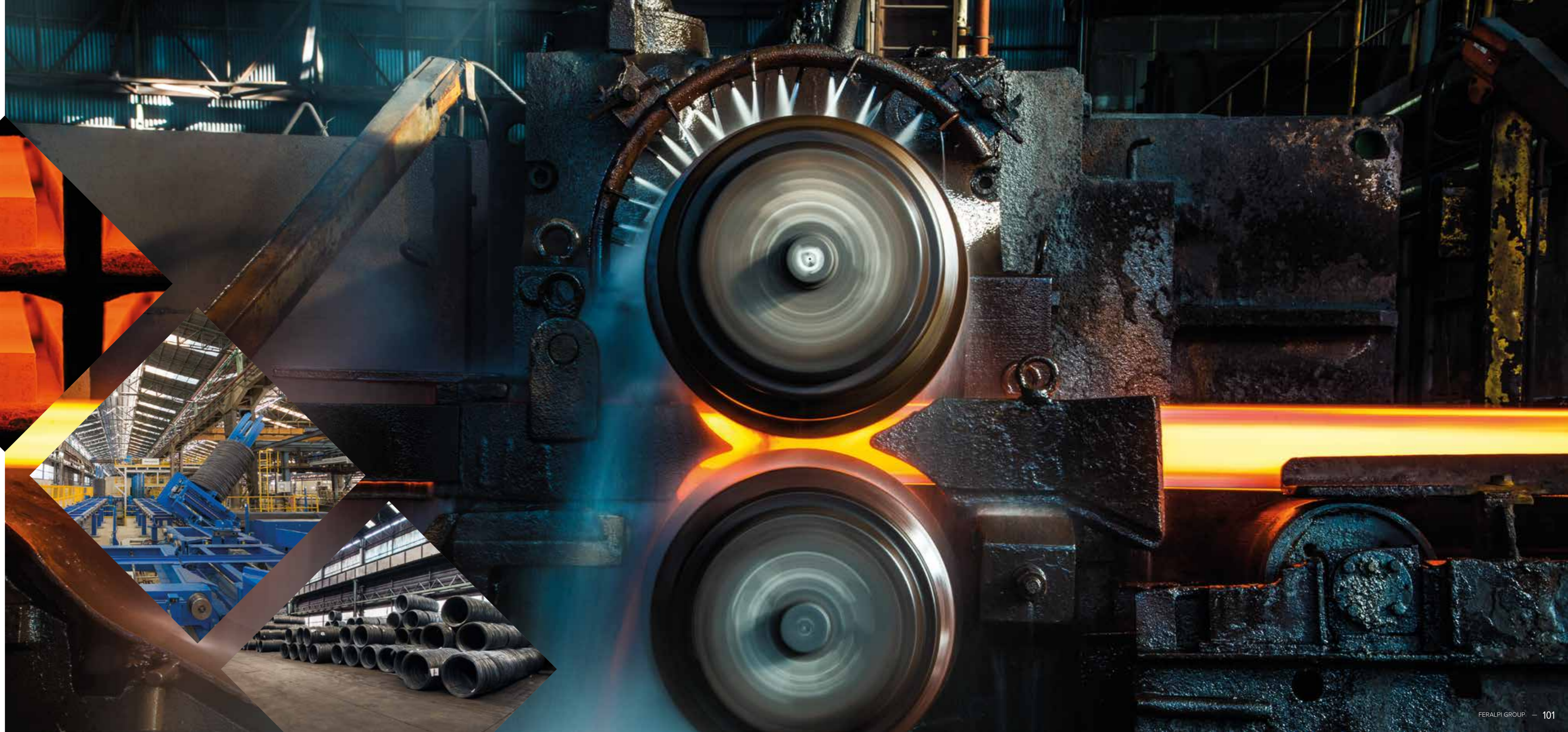
Long hot-rolled products are widely used not only in construction but also in a variety of situations and engineering projects.



WIRE ROD MADE OF QUALITY AND SPECIAL STEELS

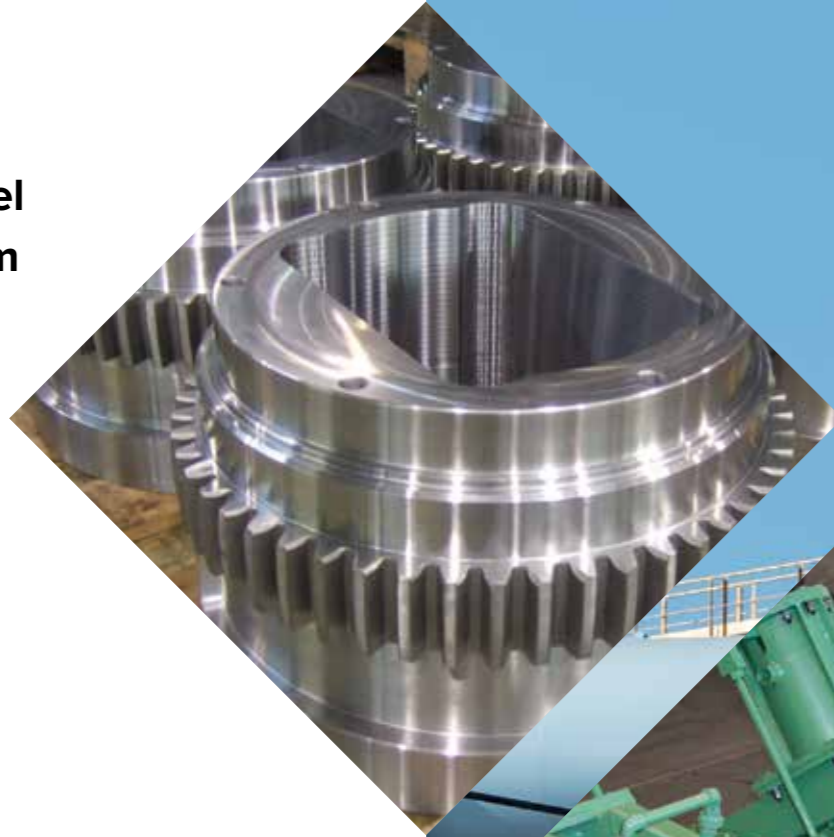
Wire rod made of quality and special (low- medium- high-carbon content and other alloy) steels are used after drawing in sectors requiring steels for highly specialised applications, such as the production of nuts and bolts, special cold-pressed mechanical parts, springs, chains, special nails, strands, braids and special cables.

Quality steel wire rod can also be drawn to produce wires for electric arc welding and stick electrodes.



PLANT AND EQUIPMENT

Design and construction of flue gas treatment systems, plant and machinery for steel mills and standard or custom design engineering.





TRADE AND LOGISTICS

Trade

The distribution of steel products joins the two key elements of the supply chain – the producer and the end user – and ensures an efficient and prompt delivery of the products under the best economic conditions.

The specialist production and availability of a wide and differentiated offer are key strategic competitive factors.

Logistics

The handling and transport of steel products are an essential service for all national and international customers.

High flexibility and adaptability to specific customer requirements, compliance with the agreed delivery times and exact matching of production lots are guaranteed thanks to an efficient organisation of logistics activities and modern equipment, including a fleet of trucks.

Production units

- Media Steel
- Feralpi Recycling
- Feralpi Stahlhandel GmbH
- Feralpi-Logistik GmbH
- Feralpi Algérie
- Steelfer
- Unifer





“Gratitude
is the memory
of the heart”

Lao Tsè

IMPRESSUM ◆

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