



advanced equipment
for coil processing

we have competitors
but we have no rivals.

FIMI, which owes its name to its core business, stands out in the **world steel industry** as it is specialised in the **design, construction and commissioning of plants and machines for processing coils of the highest quality and advanced technological content**, able to guarantee constantly high performance.

As proof of FIMI's **accomplishments, the machines for levelling and cutting steel up to 25.4 mm (1")thick and 2,800 mm (9 ft) wide** have repeatedly shown to be able to **achieve results beyond comparison**.

Beyond limits, beyond boundaries.

With a constantly growing turnover, FIMI sells 80% abroad. Our team, made up of **more than 200 employees**, works everyday with **dedication, commitment and passion** to create products that meet the Customer's expectations.

The result?
A concentration of very high skills, in a **cohesive, specialized and reliable team** able to guarantee **quality, performance and after-sales service**.

FIMIGroup is an important Italian industrial center that operates in the world steel market, designing, building and installing plants and machines for coil processing. **SAMO, SACMA, SELEMA, VIGANÒ INTERNATIONAL, FRANCI** and **ADDA FER** are part of it. Companies that share the **same vision of quality for the best customer satisfaction**.

Evidence of its success is given by facts: **more than 1.500 lines installed all over the world** and many of these lines **installed in the 1970s are still in operation** and successfully performing. **More than 60 years** of business spent aiming to a **continuous development** based on the search of **advanced technological solutions** giving always priority to **performances and high quality of the products**.

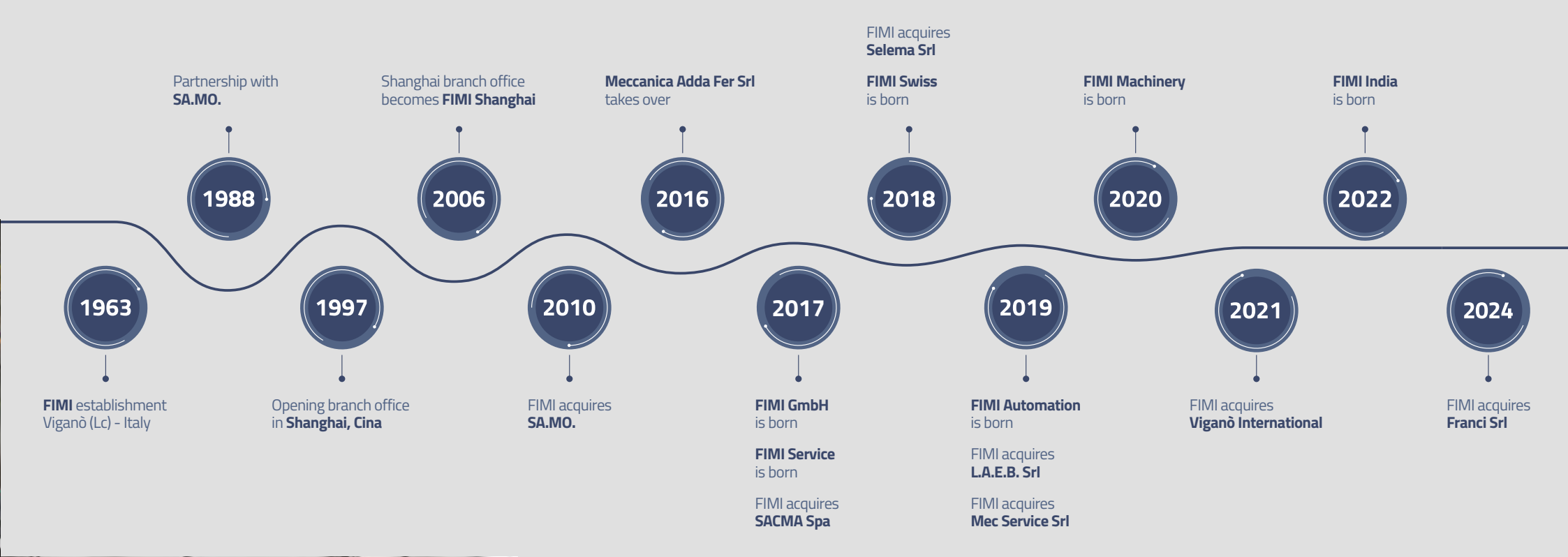


FIMIGroup at a glance.

- 1.500+ Lines Installed worldwide
- 230+ Team Members
- 80+ Markets where FIMI works
- 60+ Years of experience
- 3 Divisions



“
FIMIGroup is considered a market leader by everyone: customers, suppliers and even competitors.





FIMI: the reasons why

PRODUCT in continuous improvement.
Always provided **COMPLEMENTARY SERVICES**.
Optimal **VALUE FOR MONEY** by choosing the best technology, the best equipment and the best methods.
Guaranteed **TECHNICAL SUPPORT**, both in the design and in the problem solving.
CUSTOMER SATISFACTION always comes first.
Guaranteed and proven **CERTIFIED QUALITY**.

“

Our greatest success is yet to come.

one goal: to go
beyond any goal.

Vision

This is our philosophy and, **on this approach**, lies the vision that sees in the **constant evolution the substance of our identity**.

At the base of this DNA, there is **the awareness that the future is achieved investing** in people and in their **skills**, implementing **innovative technologies** and accepting **new challenges** that push the Group to **find its own solutions**, to be transformed into **processes and models functional to the main objective: customer satisfaction**.

Mission

FIMI aims at **satisfying** its partners, guaranteeing the **profitability** and **reliability** of the proposed solutions and providing them with **technologies** and **know-how** to achieve **better performances**, in compliance with the **safety** of its workers and the **environmental sustainability**.

This growth policy follows **common guidelines** in the **planning** and **implementation** of all business processes, summarized in the following **principles**:

- **Seeking customer satisfaction and exceeding customer expectations.**
- **Identifying** the customer's **needs** in term of product and service.
- **Requesting feedbacks**, aware of the **added value** that the discussion brings to the relationship and the product.

Continuous improvement of business processes.

- Pursuing a **management strategy**, implementing an **efficient organization** and **analysing the data of the obtained results** for a constant **evolution** and **improvement** of the processes.
- **Prevention as the best ally for growth.**

Commitment to the community and the environment.

- Creating a **positive** and **rewarding** working environment that **involves** all employees in the achievement of pre-set business goals.
- Selecting **suppliers** on the basis of the **quality** of their products, as well as their **availability** and **willingness** to establish a collaborative relationship that allows us to achieve **common objectives**.
- Ensuring the **maximum safety of its workers and of the working environment**, in full compliance with the **environmental policy**, both in relation to the use of resources and the **control of emissions into the environment**, as well as to the correct **waste disposal**.

continuous development.

Right with the purpose of being ready to face up new challenges, FIMIGroup has decided to form a team of expert engineers specialized in the different technological sectors devoted to Research & Development of new solutions by creating inside the company its own Research & Development Department. Prestigious customers have found in the company an ideal partner, capable of dealing with very important matters like quality and reliability. FIMIGroup's know-how is continuously developing in tight cooperation with the customers to fulfill the real production requirements.



TDDS®

Torque Dynamic Distribution System

FIMI patented system, already applied on several lines, for levelling both high strength steel strips and non-ferrous strips with a very delicate surface. The TDDS is based on the application of special sliding couplings on each exit shaft of the drive unit distributor, as connecting elements to the shafts that transmit motion to the flattening rollers.



PROFLEXROLL®

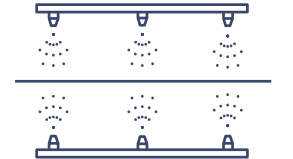
Roll with variable profile used in combination with the tension leveller. It allows thin materials to be processed and flattened at high speed without maintenance and lubrication between the roll and the material. The roll profile can assume different configurations depending on the defect to be corrected (i.e., concave, convex, "S"-shaped...).



NFTS®

NON-Friction Tensioning System for Slitting Lines

FIMI Patented System designed to achieve uniform tension among the slits as an outcome from coil Slitting process.



DEGREASING

Multi-roll degreasing system which enables materials as thin as 12µ (0,00005") to be cleaned at high speed.

The special configuration of the rolls, combined with special nozzles, allows maximum performance on delicate and thin materials.



ISO 9001:2015

FIMI aims to pursue a quality policy having as guidelines common points of reference both in the planning and in the implementation of all business processes that can be summarized in the following fundamental principles: SODD.



ISO 14001:2015

ISO 14001 is a voluntary international standard, applicable to any type of public or private organization, which specifies the requirements for an environmental management system.



ISO 45001:2018

ISO 45001 is the international standard for occupational health and safety, enacted to protect employees and visitors from work-related accidents and illnesses.



More than **1500 plants** installed **all over the world**.

A full service: result of an advanced know how.

FIMI Machinery is the division that deals with the **construction of machineries** for the processing of a **wide range of ferrous and non-ferrous materials** and in more than **60 years in business**, it has installed **more than 1.500 plants** worldwide.

Customer satisfaction is its main goal and that is why FIMI dedicates its experience and competence to provide **innovative and efficient technological solutions**, which can exceed the highest expectations.

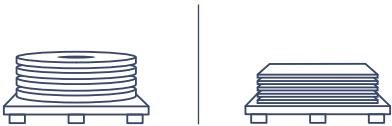
products.

FIMIGroup has developed an excellent expertise and know-how on:



LEVELLING AND CUT TO LENGTH LINES

- For Automotive Applications
- For Cutting Trapezoidal Sheets and Multiform
- For “Multi-Blanking” applications
- For High Strength Steel (HSS) & Ultra High Strength Steel (UHSS)
- For Heavy Gauge Steel up to 25,4 mm (1”)
- For Tinplate and Pre-Painted Sheets
- For Stainless Steel, Aluminum & Non-Ferrous Alloys
- Combined Lines
- Sheet to Sheet Leveling
- Press Feeding Lines



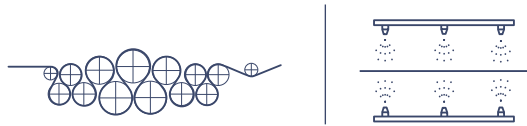
AUTOMATIC PACKING LINES

- For coils and/or slit coils of ferrous and/or non-ferrous material
- For packages of split and stacked sheets
- “Customized” series



SLITTING AND TRIMMING LINES

- For Automotive Applications
- For High Strength Steel (HSS) & Ultra High Strength Steel (UHSS)
- For Heavy Gauge Steel - (up to 20,0 mm (0,79”)
- For Tinplate and Pre-Painted Sheets
- For Stainless Steel, Aluminum & Non-Ferrous Alloys
- For Coil Inspection, Recoiling and Repairing

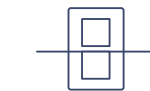


PROCESSING LINES

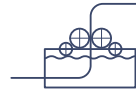
- Tension Levelling Lines
- Degreasing & Pre-treatment Lines
- Advanced Coating Lines with Special Machines

“

We produce excellence: our products are the best in terms of quality, technology and performance.



Stitching Machines



Oilers



Coating



Slab and Plate Milling



SINGLE MACHINES FOR ALUMINUM SECTOR

- Tension Leveller
- Slab and Plate Milling Units
- Chip Compactor
- Trimming Shears
- Oilers
- Embossers
- Stitching Machines



End Facers



Hydrotest



Packing



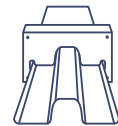
TUBE FINISHING LINES

- Hydrostatic Test Units
- End Facer Units
- Threading & Drilling Units
- Non-Destructive Control Units (NDT)
- Tube Packing Systems
- Tube Handling Systems



ELECTRO-WELDED TUBE & PIPE MILLS

- Electro-Welded Tube & Pipe Mills
- Strip Joint Benches
- Strip Accumulators
- Milling Cut-Off Units



OPEN PROFILE PRODUCTION LINES

- Lines for Road Barriers Production
- Lines for Poles Production





Experience that matters.

FIMI Service is the division able to guarantee an accurate and professional support in the **after-sales service** and in the **maintenance**, both **ordinary** and **extraordinary**, of FIMI lines. But FIMI Service is much more than this. **Years of direct experience** in the plants of the most important players in the industry, combined with a **continuous training** of its technicians, allow FIMI Service to provide a variety of **complementary services** ranging from simple modifications, to the complete revamping up to the transformation and construction of mechanical units, lines for steel plants, coil processing lines, tube production lines and lines for internal handling.

Used plants or plants with **poor production performance** are **analyzed** by technicians and completely **revamped** with **automatisms** and **advanced electronic systems** in order to:

- Increase their production capacity
- Extend the life of the line
- Preserve their value over time
- Increase the quality of the products manufactured.

At a glance.

35+ Years of experience

105+ Team Members

500+ Customers worldwide



The presence of FIMI Service inside companies all over the world can be found especially where the maintenance of mechanical, hydraulic and pneumatic units is a **vital need**, and it is right here that the work of FIMI Service technicians is appreciated.

FIMI Service is able to provide complete assistance, through the services of:

- Installation, commissioning and start-up of plants.
- Training of the Customer's personnel.
- After-sales assistance with supply of spare parts.
- Direct interventions in production.
- Remote support.

In order to answer to the growing need for specialized assistance from Costumers, the FIMI Service division can manage 360° Costumers' request, working from **office** or right **on site**.

Intervention teams have at their disposal means equipped as mobile workshop, **completely independent**, in order to make all needed interventions anywhere in Italy and abroad.

Reliability, promptness and complete service have made FIMI Service a valid reference for important companies of international fame like **Tenaris**, **Brembo** and **Ilva**.

The entire industrial plant is situated in **Valmadrera** (Lecco) ad it is easily accessible thanks to the strategic position close to the main **airports** and **highways** of Northern Italy.

The Service division occupies an area of 17.000 sqm (*183.000 ft²*) - of which 10.000 (*108.000*) covered - and it is organized in the following units:

- Technical and engineering department.
- Cutting and first processing unit.
- Carpentry.
- Welding unit.
- Mechanical workshop.
- Assembling unit.
- Testing unit.





Advanced Technologies Systems.

FIMI Automation has been operating in the automation industry since **1988**.

The **know-how** of our always up-to-date team and the **exchange of information** among our project managers allow us to follow each phase of the **initial study** and **electric design** of our projects and of the **software production** and **development**.

FIMIGroup equipment is the result of **decades of experience** and **worldwide deliveries** of lines with similar applications. Our goal is to provide our customers with the most appropriate solutions for the specific needs of each new project.

Thanks to its expertise, FIMI is able to meet the main needs of the customers in the following areas:

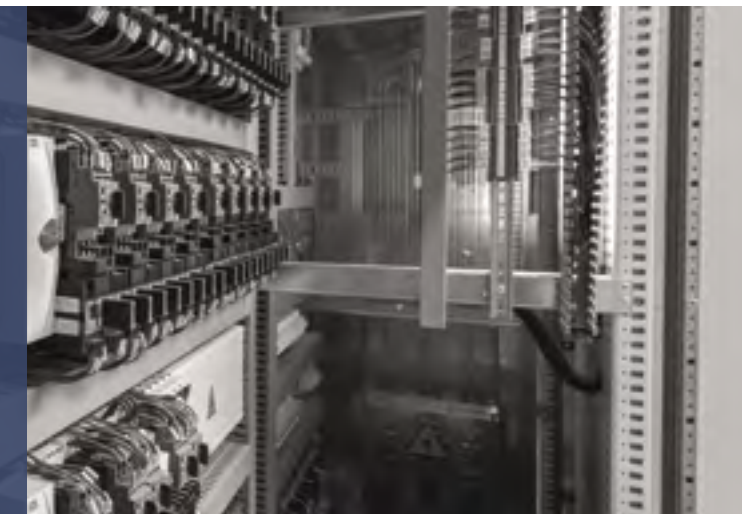
- Reasonable operating and investment costs.
- High productivity and flexibility.
- Products with narrow and reproducible tolerances.
- Sales standards, market requirements and trends.
- Low maintenance and reduced downtime.

At a glance.

25+ Years of experience

30 Team Members

200+ Customers worldwide



FIMI Automation is the result of the acquisition by FIMIGroup of two companies that have been working for years in the design and construction of automation systems for the metallurgical sector: **L.A.E.B. S.r.l.** and **Trestelle Srl**.

The merger of these two companies has created an entity of about **30 employees** that, integrating **competences, experiences** and **technical skills**, operate in the headquarters in Barzanò.

FIMI Automation is specialized in the the **design, construction and commissioning** of electrical equipment and automation, hardware and software, for plants in the metallurgical sector. All the automation levels supplied by our Company are developed by using standard products such as **Siemens, ABB, GE, Rockwell**, easily available on the market and synonymous with **guarantee** and **proven reliability**.

The design of all the systems, of the application software for the PLCs, of the μ P systems and of the HMI computers, is completely carried out independently by FIMI Automation technicians.

The Company also provides all the **management** and **quality controls** for the proper execution of projects.



products.

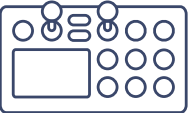
FIMI Automation is specialized in the supply of electrical and automation equipment, hardware and software, for plants of the metallurgical sector.

It designs, manufactures and installs the following parts:



Power Switchboards

- Distribution switchboards.
- MCC switchboards for fixed speed motors.
- Switchboards for drives in Direct Current.
- Low voltage Alternating Current motors.
- Switchboards for stand-alone Alternating Current drives or in DC-Bus configuration.



Automation Level 1

Represents the operational center of the production line. The main component is PLC, an industrial digital computer adapted for the control of manufacturing processes. In order to allow operators to monitor and control the production line, it is possible to place:

- Operator pulpit, that allows the movement of some components of the production line.
- Operator panels, graphic supervision systems that allow operators to perform short localized production processes.
- HMI Stations, located on the main operator pulpit, allow operators to:
 - Manually enter production data.
 - Monitor and supervise the entire production process.
 - Receive information regarding faults and or anomalies.
 - Receive information coming from safety system.



Automation Level 2

It is dedicated to collecting production data coming from Customer's production planning system. Given the variety of business management systems currently on the market, over the years we have developed the ability to offer different solutions for specific customer needs.

Level 2 system is intended to exchange and to manage coil and production information providing the following main functions:

- Operator receives PDI from Level 3.
- Store PDI to be sent to the finishing line.
- Allow modification and manipulation of PDI data.
- Input PDI in case Level 3 is not available.
- Send the PDI data to the finishing line.
- Store PDO from finishing line.
- Generate PDO reports (shift, day, month).
- Monitor alarm and record alarm status of finishing line.
- Send PDO data to the Level 3 system.
- Track material.

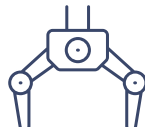


Integrated Systems

FIMI Automation is able to offer an integrated Level 1 and Level 2 automation system that groups together the most sophisticated technological commands. The controlling system is implemented on a microprocessor platform and on a personal computer. The basic hardware configuration for the system, mounted on a single electric cubicle, includes the following components:

- A µP platform to control Level 1 system (the number of CPUs depends on the application to be automated).
- Personal computer for Level 1 HMI system.
- Personal computer and server with database for Level 2 and related HMI system.
- Personal computer for acquisition and elaboration of process data.
- Personal computer as engineering station.

Other optional devices can be added according to the particular application or request. The system can be easily integrated on an automation plant using international standard communication protocols such as Profinet, Profibus DP, Ethernet TCP/IP, etc.



Robotics

FIMI Automation is specialized in the design and production of robotized islands for different applications. Thanks to the know how acquired over the years, the company is state-of-the-art in this sector too, which is playing an increasingly important role worldwide.

The robotized islands made by FIMI Automation enable a productivity increase by reducing processing times and guaranteeing the maximum safety for operators in the workplace.

The main application of FIMI Automation's robotized islands is in the coating of metals or plastic parts.



Digital

FIMI Automation has improved an own brand-new technology that adds value to electrical equipment by providing Industrial IoT solutions that transform plants into intelligent lines. Plants have many sensors that collect great amounts of data, a potential source of information that have a real impact on the productive efficiency and cost reduction in a company. This is why FIMI Digital, developed a way to delve into the true value of data by obtaining insights and valuable information, that can be used to enhance the productivity and the efficiency of our customers' plants.

- OEE (Overall Equipment Effectiveness).
- Machine Supervision.
- Energy Saving & Efficiency.
- Predictive Maintenance.
- Coil Traceability.
- Production Traceability.
- Machine recorder and video streaming technology.
- Smart Notification module.



neither suppliers or
customers: **just partners.**

In almost sixty years in business **FIMI has built relationships all over the world** and today the Company boasts **more than 300 customers** that can be defined as close **Partners**.

Today FIMI is present in all the **main geo-economics areas** with a more significant presence in **EU, USA and BRICS Countries**, supplying leading companies of the sector with quality products, including, just to mention a few, **SSAB, Tata Steel, Prolamsa, Arcelor Mittal, Marcegaglia**.

SSAB

TATA
TATA STEEL

thyssenkrupp

Mubea

Tenaris

PADANA TUBI
& PROFILATI ACCIAIO S.P.A.

ALU
FLEX
PACK

voestalpine
ONE STEP AHEAD

ArcelorMittal

Severstal

MARCEGAGLIA

PROLAMSA

cpc INOX

aperam

NLMK

BULL MOOSE
TUBE

OMK

EMSA

JINDAL
STEEL & POWER

Kibar

Arvedi

HUSAR

SSAB
BLADENHORN

ALCOMET

INA

BÖHLER

Tuper

POLLUMER

ARMATURO
BORG & BECK
WORKS

Roba
a passion for metal

LAURA METAL

autokumpu

BECKER

BSH

NONA METAL

CLN

WÄLZHOLZ

Fecon

ANDRESEN
INDUSTRI

SARITAS

Teksid

W

SZKICEL

Stajprofiel S.A.

AvestaPolarit

BAOSTEEL

SHUSAN

HOVELMAN
& LUTQ

TOYOTA

TISCO

ALCAN

TPCO

WALL
LAIN

SLC

WELSPUN GROUP

FIAT

Teknik

STAHL

“

Our customers know that they will get what they want, what they need.

markets.

Global approach.

Our results are made possible by a **global approach to the market**, and also by the important participation in a **engineering company** in Northern Germany, whose **vision and business organization** is strongly aimed at the achievement of **international objectives**.



3 divisions



FIMI Machinery Viganò plant (Lecco)

The **Machinery division** has a total area of **19.500 sqm (210.000 ft²)**, of which **10.000 sqm (108.000 ft²)** is covered, and employs about **100 people**, who deal with the main activities: General Management, Finance and Control, Research and Development, Sales, Purchase and Logistics department.

Here is also where the **mechanical workshop**, the **coating department**, the **assembly** and **testing area** and the **shipping department** are located, where our team works on its state-of-the-art plants:

- Levelling and Cut to Length Lines
- Slitting and Trimming Lines
- Recoiling and Inspection Lines
- Automatic Packing Lines
- Processing Lines
- Special Machines for Aluminum
- Electro-welded Tube & Pipe Mills
- Tube Finishing Lines
- Lines for the Production of Open Profiles



FIMI Service Valmadrera plant (Lecco)

Historical Franci's headquarter, the new manufacturing plant **increase the production capacity of the Machinery division**.

It covers an area of **17.000 sqm (183.000 ft²)**, of which **10.000 sqm (108.000 ft²)** is covered, and employs around **105 people**.



FIMI Automation Barzanò plant (Lecco)

The **Automation division**, has a total area of **10.000 sqm (108.000 ft²)** where about **30 employees** deals with the **design and the development of all the high automation parts of FIMI plants**, both software and hardware.

FIMI FMS Shanghai, China

FIMI FMS is involved in activities essentially addressed to the **Asian market**, focused on **sales and after sales assistance**.

FIMI GmbH Düsseldorf (Germany)

Born in **2017** to meet the needs of the **German** and, more in general, the **Northern European market**, an area with the highest concentration of FIMI plants installed.

FIMI Swiss Lugano (Switzerland)

Since **2018** the **representative office** located in **Lugano** deals mainly with the **Eastern European market**, providing **strategic support** for the **sale and assistance of plants**.

FIMI India Mumbai (India)

Established in **2022**, the office in **Mumbai** was born to **provide support** for the **sale and assistance of FIMI lines**, specifically in the **local market**.



LAGO DI COMO
ITALIA
A WORLD WITHIN A WORLD

FIMGroup sustains and promotes the environment



F.I.M.I. - Fabbrica Impianti Macchine Industriali - S.p.a.

Via dell'Industria, 15 | 23897 Viganò (LC), Italy

Tel. +39 039 92141 | Fax +39 039 9272090

info@fimigroup.it | www.fimigroup.it



in f X YouTube Instagram