

# COMPANY PROFILE

A special shade of green,  
to signify excellence



**COMPANY**

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**WIRUTEX WORLDWIDE**

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The perfect combination  
of man and machine  
creates our  
products of excellence

COMPANY





# We produce cutting-edge products and solutions that can be integrated into the latest generation machining centres

Since 1980, Wirutex has been designing, producing and marketing **tools in polycrystalline diamond and tungsten carbide for machining wood and new generation materials.**

Founded in Pesaro as a small company specialising in the sharpening of tools, it is now **a reference point** in the furniture industry and in the art of craftsmanship, able to combine **exceptional production capacity with high-precision machining.**

Products and solutions are the result of more than **40 years of experience**, which have given the company an unrivalled knowledge of materials and processing techniques.

Through **continuous research, design and information sharing with customers and machine builders**, Wirutex tools are able to meet market demands and developments with flexibility and precision.

# Connecting the past to the future

**From a home garage to an industry leader in the production of tools for the furniture industry: the history of Wirutex began in 1980 in Pesaro, where the small company quickly made a name for itself in the sharpening, maintenance and resale of tools for woodworking machines.**

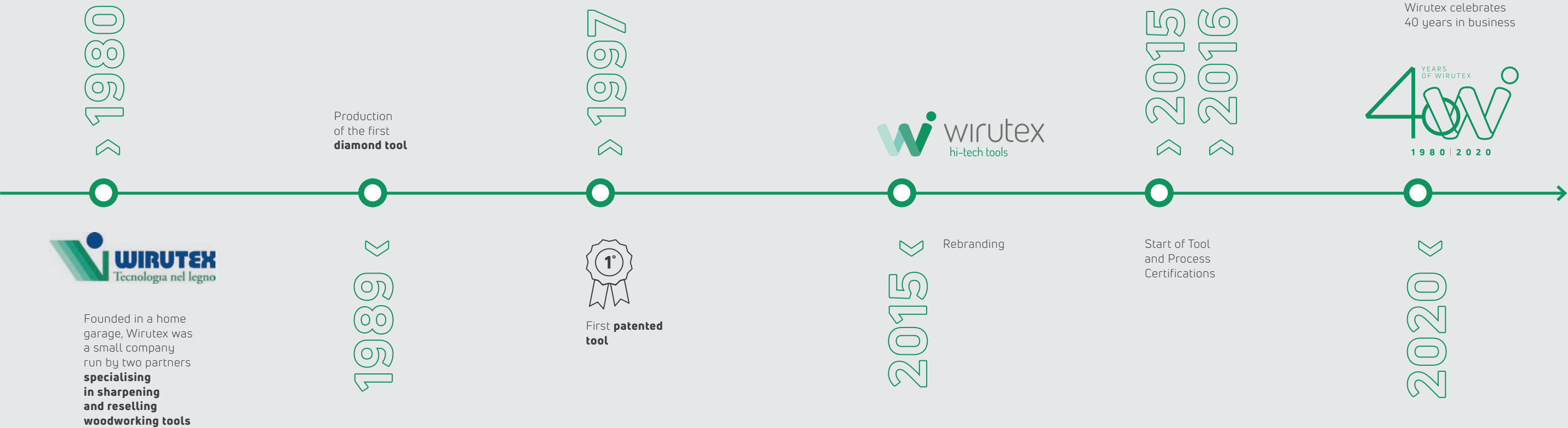
From the start, passion, tenacity and an innate drive to innovate were the company's hallmarks.

1980s marked the most significant turning point: Wirutex produced its first prototype **tool in polycrystalline diamond**, material that offered superior precision and output but was a sell in a market accustomed options.

The idea marked a new step forward and the company set major new milestones, such as the **patenting** of Eco-Tools, the first hogger with exchangeable diamond inserts.

And the rest, they say, is history. The company continues to invest in **efficiency and technology** and relies on quality. Throughout the company, at every level, quality is key. The manufacture of tungsten carbide tools has since been introduced alongside the production of diamond tools.

Wirutex's drive to discover and innovate is the bridge that links past, present and future.



# Creating innovation and improving machining quality through our tools



Only a harmonious combination of man and machine, ideas and applications, research and experimentation can create products and solutions that add real value to businesses.

**Innovation, precision, experience, creativity and simplicity** are the values that guide Wirutex's corporate culture and its mission for the future: to produce state of the art tools that are easy to use and easy to buy and improve processes and machining quality.

## Innovation

Innovation means designing solutions that simplify production processes and increase the competitiveness of companies in the marketplace by understanding the real needs of customers.

## Precision

Manufacturing high precision, durable and reliable tools that enable companies to improve the effectiveness and efficiency of their processes, resulting in time and cost savings.

## Creativity

Using ingenuity and technology to understand market trends and translate them into new ideas and solutions.

## Experience

Supporting customers with the professionalism gained in over 40 years of business and know-how that comes from working closely with companies and machine manufacturers.

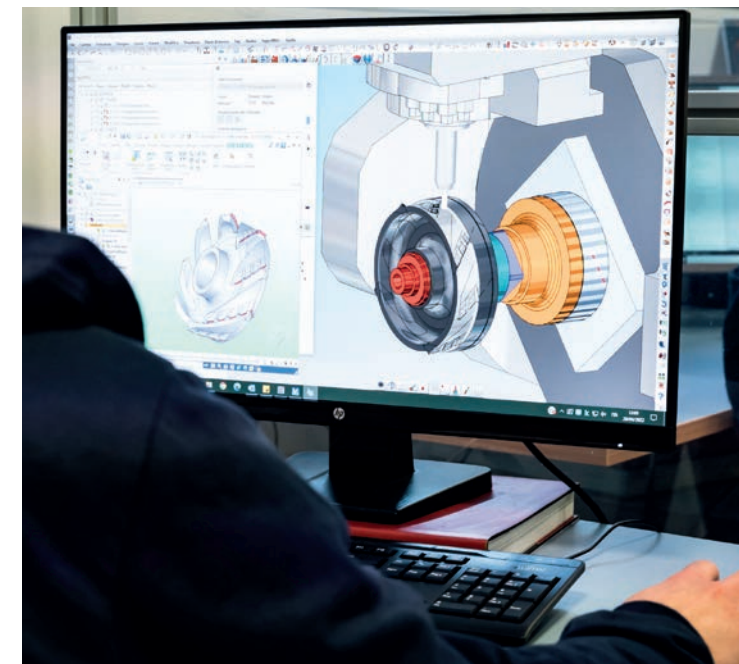
## Simplicity

Our future vision: design tools that are increasingly easy to install and use; make them easy to buy anywhere in the world, to enable companies to simplify and speed up industrial processing and production processes.





# Smart Designing: our ability to ensure total consistency between design and product



Design is the jewel in Wirutex's crown.

The combination of design professionals using the latest technology and CAD/CAM applications **ensures a perfect match between the design and the finished product.**

Each and every detail of the form and function defined in the design phase is produced with the highest degree of accuracy.

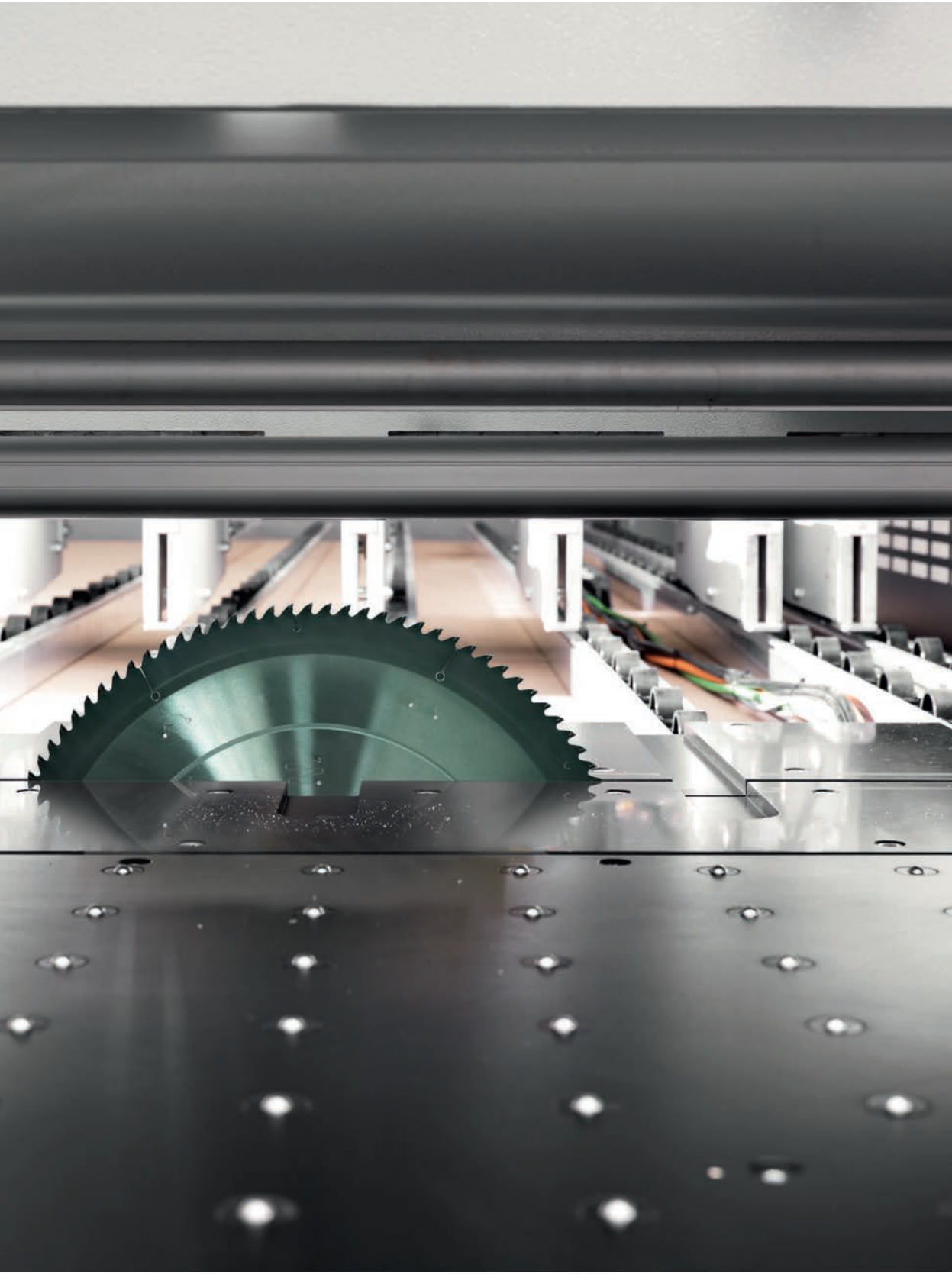
# Quality: a constant and certified commitment to excellence in every area

Every stage of the industrial process, from the initial design to the finished product, is subjected to rigorous testing at Wirutex through an integrated, cross-functional in-house **Quality Management System**.

A scrupulous system that cuts across preventive control activities - **Quality Assurance** - and inspections - **Quality Control** - to ensure that processes and products always comply with regulatory requirements and the company's safety and quality standards.







# Partnership with our customers becomes a driver for mutual development

The impetus for developing new products and solutions comes from responding to the diverse and changing needs of those on the ground in the marketplace.

Close cooperation with customers and machine builders is an integral part of the innovation process at Wirutex. Sharing knowledge, experience, know-how and a

vision for the future creates new levels of understanding and a desire to address developments, challenges and changes together.

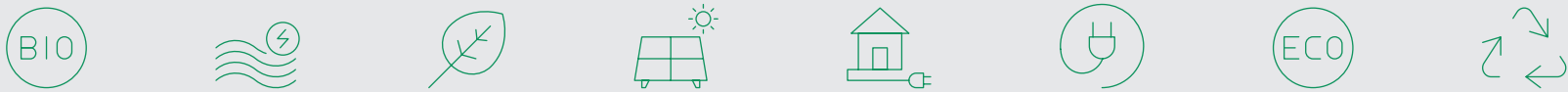
**This is how partnership becomes a driver for mutual development.**

This is how Wirutex supports the work of its customers.





# Respect for the environment, respect for work, respect for people



Being sustainable means striving every day to improve people’s quality of life, increasing their economic and social well-being while reducing their impact on the environment.

### Economic well-being

Wirutex creates jobs and income, with a 100% post-apprenticeship employment rate to date.

### Social well-being

Wirutex protects the health of its employees and their families by paying the utmost attention to compliance, respect and training in health and safety.

### Environmental well-being

The use of state-of-the-art machinery and technology improves the energy efficiency of production processes, reduces waste and encourages the use of more environmentally friendly industrial products such as oils and filters.





# From a steel bar to high-precision tools

PRODUCTION



# Industrial Excellence

The Wirutex production plant covers an area of more than 1,500 square metres and centralises all stages of product processing, from raw material storage to logistics.

The high degree of process integration and standardisation, together with the use of state-of-the-art machinery, robotics and automation, results in **exceptional production capacity** in terms of volume, efficiency, speed and flexibility.

## From steel bar to high-precision tool

Human skill, creativity and ingenuity flourish with the most advanced technologies: this is how Wirutex transforms a steel bar into a high-value tool.



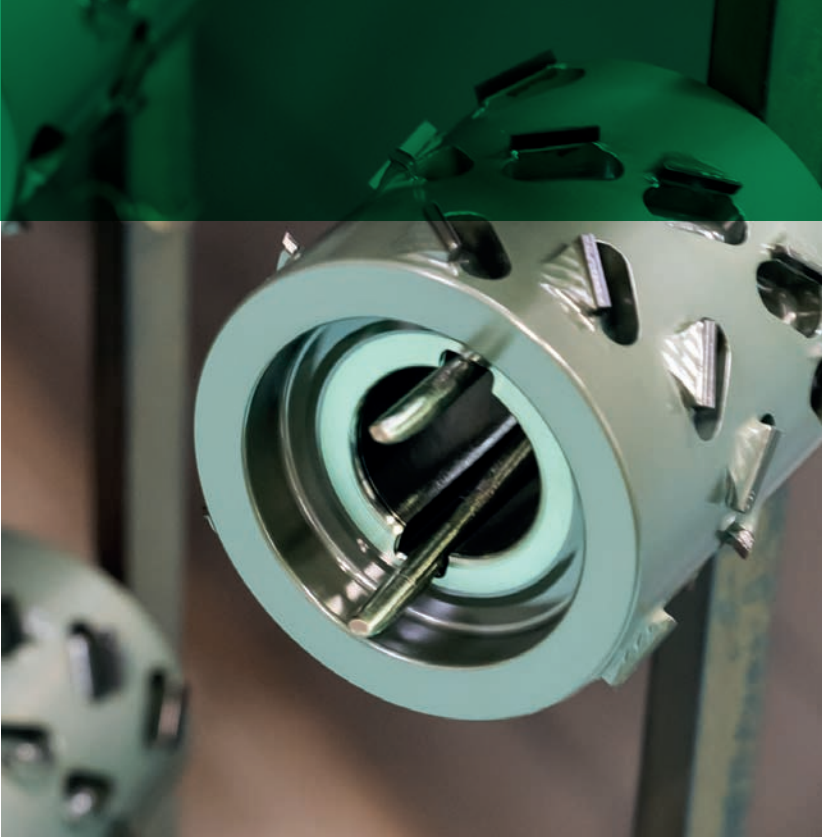
Uniqueness





# 15 processing steps for value without compromise

The production process at Wirutex consists of at least **15 processing steps** that result in high value tools and guarantee consistently high quality standards.





3 quality controls in each production cycle

At least **three quality checks** are carried out to ensure that the product meets the predefined quality standards.



Quality controls



Perfect tool repeatability

Thanks to advanced ERP software and a fully automated archiving and traceability system, Wirutex is able to manage and store data and information from the production cycle of each individual tool, ensuring perfect repeatability even over time.



Repeatability





# Investment to support production

Wirutex constantly invests in high-tech machinery and software to increase both the quality and capacity of its production.

Technologies driven by skilled **people**, who through their **expertise and ingenuity** generate the real **added value** of Wirutex tools.



Technology & Human Skill

# Special Activities

## Control and qualification of special processes

The production process at Wirutex is further strengthened by specific activities that control and qualify the special processes:

**Qualification and certification** of the braze-welding process

**Systematic control** of braze-welding after work is completed

**Qualification** of braze-welding operators

**Process qualification** for overspeed testing

**Qualification of the cataphoresis process**

**Systematic control of balancing** machine certified by external bodies

**Systematic control of profiles** and geometries machine

**Systematic control of tooling machines**



# A special shade of green, to signify excellence

Wirutex designs and manufactures tools for all types of machining, reacting swiftly to the needs of an ever-changing market.



### Router bits

For CNC machining centres and nesting machining centres. Made of polycrystalline diamond and tungsten carbide.



### Boring bits

For blind holes, through holes and for hinges on drilling machines and CNC machining centres. Made of polycrystalline diamond and tungsten carbide.



### Cutters with bore

Thanks to the Wirutex design system, they are extremely quick and easy to use. Made of polycrystalline diamond and tungsten carbide.



### Circular saw blades

For horizontal panel sizing centres, machining centres and for panel sizing centres with scorers. Made of polycrystalline diamond and tungsten carbide.



### Hoggers

For panel squaring on squaring and edgebanding machines.





# Certified innovation

## Certifications

In line with company policy, products and processes are certified by internationally recognised bodies.

The tools are also subjected to systematic internal testing and trials on a state-of-the-art test bench.

Through continuous and extensive training, Wirutex suppliers and service centres are held to the same standards.

## Patents

Constant research and innovation have resulted in exclusive patents that certify the uniqueness of Wirutex products:

**Patent for miniaturised** cylindrical milling cutter with adjustable-height cutting edge.

**Patent for hydraulic connection** device for rotary tools, tool-holders and spindles.

**Patent for Structure of modular grooving** cutter.

Procedure qualification  
IIS CERT  
EN 13134

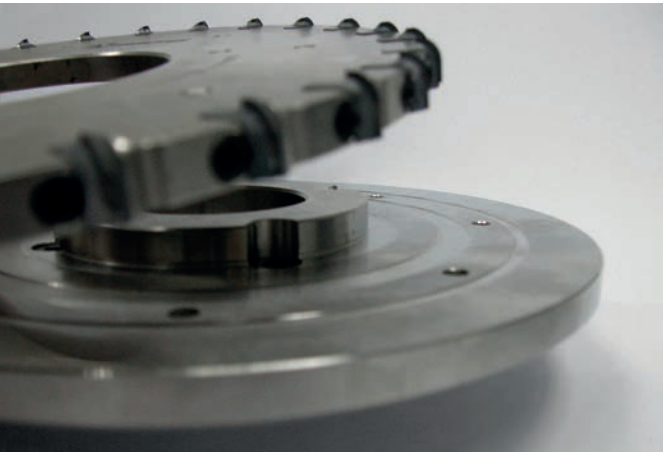
Braze-welding procedure certified by the Italian Welding Institute

Operator qualification  
IIS CERT  
EN 13585

Braze-welding qualified operators certified by the Italian Welding Institute

Norma europea  
EN 847-1

For the safety of milling tools and circular saw blades designed for woodworking.



Eco-Tools patent (1997), the first hogger for squaring edge banding lines with interchangeable PCD inserts.



# A complete service from A to W.



Large-scale production



Stock warehouse



Pre- and after-sales

In addition to its production capacity, Wirutex has always invested in a **pre-sales and after-sales service** channel, entrusted to highly trained and qualified in-house personnel, capable of meeting customers' needs with expertise, reliability and professionalism.

To ensure maximum tool efficiency, the sharpening and re-plating service, provided by a team of experts, uses advanced technology.

The Wirutex facility in Pesaro provides quick and easy access to the products for customers by centralising the sales and technical offices, the entire production department, the warehouse and the logistics department, which allows orders to be processed even on a just-in-time basis.







**Our greatest value is  
the success our customers  
recognise in us**

WHAT THEY SAY ABOUT US



**BIESSE**

systems and machines for processing wood, glass, stone, metal, plastics and composites

**"Wirutex is a dynamic, flexible partner, always ready and willing to work in partnership to achieve the best possible solutions for our products."**

Biesse is an international company that designs, manufactures and markets systems and machines for the processing of wood, glass, stone, metal, plastic and composite materials for the furniture, housing & construction, automotive and aerospace sectors.

The collaboration between Wirutex and Biesse dates back to the early 1990s, a valuable partnership that has been firmly established up to the present day.

*"Our CNC centres are extremely high-specification machines, and as such, their performance can be affected or limited by the type of tools used" - explains Stefano Ceccolini, Machining Centre Product Manager. Our customers often expect to receive their machines fully configured,*

*minimising installation times. This is only possible if machine and tools have been tested before delivery. Hence the need to work with suppliers who provide reliable tools and complete solutions that have been tested at our facilities.*

*"When choosing our technical partners, we look for design experience, knowledge of materials and the ability to solve problems related to production processes," continues Fabio Romagnoli, edgebanding line sales engineer. "Our collaboration with Wirutex has allowed us to develop solutions to decrease the noise level of our edgebanding machines - a matter of great concern for our customers - without compromising on the quality of the final machining operations."*



Customer  
**Biesse**  
City  
**Pesaro**  
Country  
**Italia**  
Website  
**biesse.com**





**IFI**  
furniture for cafés, ice cream parlours, pastry shops and the entire food sector  
—

# "Wirutex products ensure greater fluidity in our production process, and deliver highly satisfactory results."

Innovation and design have been the driving force behind Ifi's quest for solutions to improve people's quality of life for sixty years. Founded in Pesaro in 1962 as an artisan company for the production of custom-made bar counters, the company has always remained true to its innovative DNA.

Today, Ifi is recognised as a trendsetter in the furnishing of bars, ice-cream parlours, pastry shops and the entire food sector; its display cabinets and technologies for storing food and drink are synonymous with Italian excellence.

In the field of industrial design, Ifi is the only company in its sector to have won two Compasso d'Oro ADI awards, as well as numerous international prizes for products and furnishing concepts that have been turning points in its areas of expertise. In 2014, Ifi won the Compasso d'Oro ADI award for Bellevue, an unprecedented union of perfect ice-cream well storage and the flavour visibility typical of display cabinets. In

2018, it won the Compasso d'Oro ADI award for the second time with PopApp, a small-scale ice cream parlour that offers all the equipment necessary for the production, presentation and sale of artisan ice cream in just a few square metres. Ifi S.p.A.'s production facilities and factories are all located in Italy, with a global sales network and a branch in Miami for the North American market.

*"Innovation, research and useful design are part of the company's DNA. Over the years, we have developed increasingly innovative systems, thanks to the tireless work of our research and development department, composed of more than 30 professionals. These experts have enabled us to create the most unique projects - the perfect fusion of design and technology - whilst focusing on environmental sustainability and people."*

**Gianfranco Tonti**  
IFI Chairman



Customer  
**IFI S.p.a.**  
City  
**Pesaro**  
Country  
**Italia**  
Website  
**ifi.it**







**JOS HEYLEN**  
customised interior design  
—

**"Over all these years, Wirutex has always excelled in designing customised high-precision tools for our production needs."**

Jos Heylen NV, founded in 1948 in Hulshout in Belgium, produces custom-made interior furnishings for the home and office. With a philosophy that unites quality craftsmanship with comprehensive design projects, the company produces kitchens, closets and bathrooms as well as doors, stairs and panelling.

Functionality is a distinctive feature of each design, as products are designed and manufactured for a domestic market that demands both quality and creativity. In 2015, the company won the CARPENTRY AWARD for the third time. This prestigious Belgian prize was granted to Jos Heylen NV for professional artisanship, attention to detail and a high-quality finish.

*"We are a small to medium-sized company employing 23 qualified professionals. Our extensive experience and expertise has allowed us to consolidate our presence within the custom-made sector over time. The quality of our products is ensured by a manufacturing process that combines special software and high-tech machining centres with the mastery of craftsmanship, where attention to detail and precision finishes are of prime importance."*

**Jos Heylen**  
Owner Jos Heylen NV



Customer  
**Jos Heylen nv**  
City  
**Hulshout**  
Country  
**Belgio**  
Website  
**josheylen.be**





# Wirutex worldwide

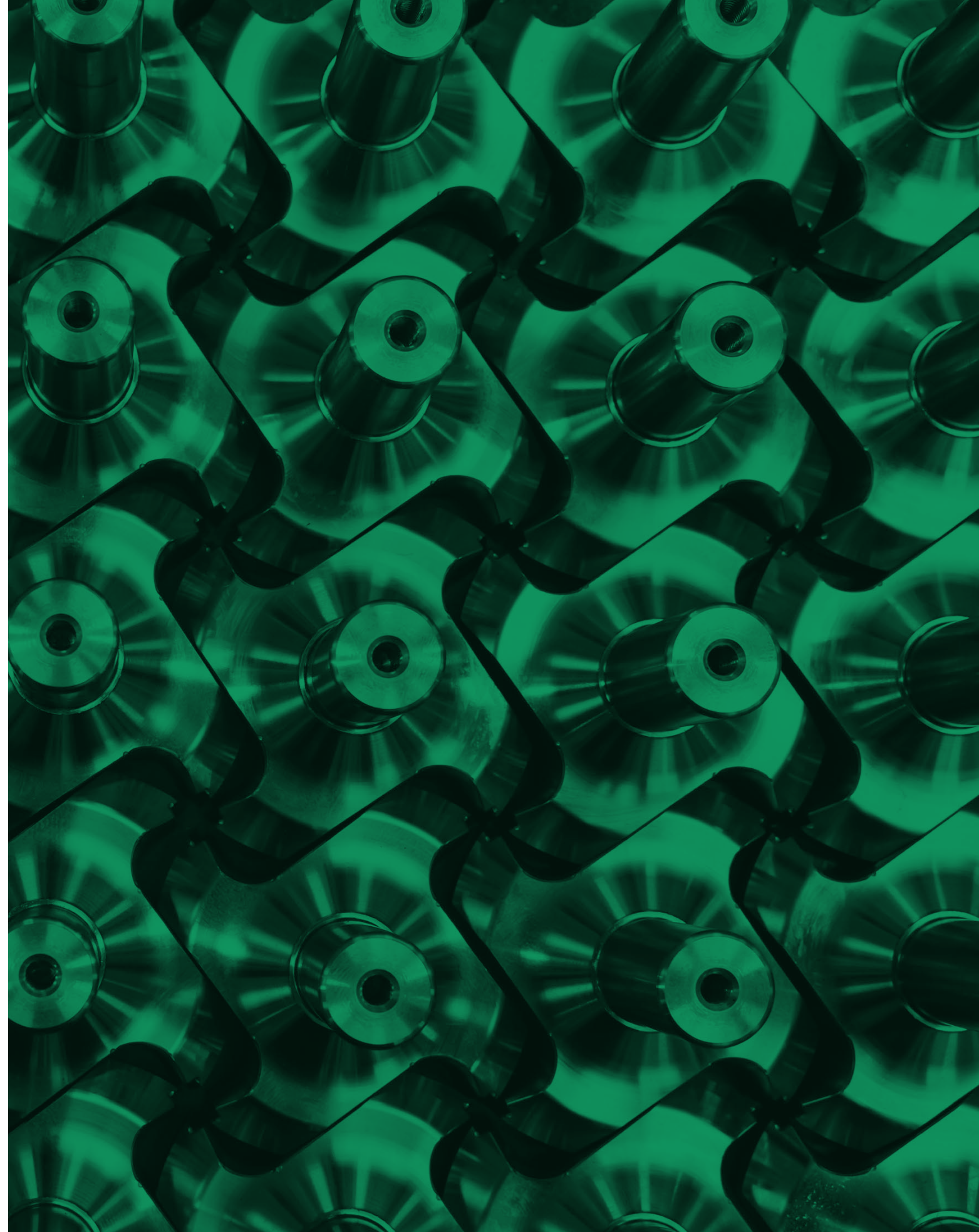


A global and extensive network of dealers, agents, distributors and service centres to serve customers around the world with precision, efficiency and passion.



**Wirutex S.r.l.**

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