

COMPANY PROFILE



When we established this company forty years ago, we could never have imagined a rise of such importance.

Over the time, the company, which has been able to convert its experience into a strong expertise in continuous search on product quality and customer satisfaction, has changed radically.

The company has created its success based on artisan creativity, technological innovation and strong investment in research and development, contributing in terms of new ideas in the heating sector. We choose the best professionals so that our technical staff is competent and prepared, investing daily on its growth.

The decision to include advanced production facilities has also enabled us to provide our customers with special products for every need.

Thanks to the foresight of those who believed in us, the company has become, over the years, a true industry benchmark. We have been able to excel and emerge beyond the national boundaries, continuously growing abroad.

Despite the great changes occurred in the market over the years and the successes at international level, the company has an atmosphere where the sharing of ethical principles and the human relations is the basis of the daily working life.

The company was led in the second generation by our sons who were able to grasp with courage the challenge of working with us, surpassing in a balanced way, the generational change and ensuring the continuity of Tatano family.

This "think in long term generations "will allow us to implement a business management based on values such as trust, responsibility, honesty, integrity and good manners, the foundation of the 'applicant for performance, must offer sense".

After forty years we expect new targets and even more lofty and ambitious goals. However, we will always be anchored to the values and ties with the territory that brought us so far.

Salvatore, Calogero e Nazareno Tatano



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FAMILY AND COMPANY: AN INDEPENDABLE COMBINATION

The complete synthesis between family system and company system is the real plus of Tatano.

The family values are the same as those of the company: loyalty, honesty, transparency, reliability, trust, are lived bilaterally as a company and as an entrepreneurial family and are perfectly rooted at every company level. The cooperative and family management has allowed Tatano to achieve its goals, skilfully combining the flexibility of artisan creativity with the highest technologies of serial metal processing.

Staff, collaborators, partners and suppliers fully reflect the logic of an entrepreneurial family that today looks to the future under the guidance of the Tatano brothers' children in the second generation.



In an ever-changing sector such as energy, Tatano operates guaranteeing cutting edge products manufactured according to the most innovative environmental sustainability systems.

From the design to the implementation and the support: biomass boilers, pellet and wood chips fireplaces burning with wood or pellet, Tatano follows the complete development, becoming the sole supplier for the entire system.

The serial nature of the industrial production on the one hand, the creativity of craft unique pieces on the other, characterize the company's production.

In 1975 the Tatano brothers founded the company that, little by little, wins the growing market share and becomes a leader in Italy and then expanded significantly abroad.

Forty years later, the company gained partners in Europe and in the world, but remains the indissoluble bond with its land. The achievements obtained, thanks to the knowledge of the industry, the innate propensity for innovation, the constant commitment of a family capable of transmitting the corporate values at all levels of the organization.

The great cohesion between the employees and the presence of a clear reference

points to the top of the company make Tatano a flexible and versatile reality, able to integrate the needs of the individual to the group's performance.

Some company data

Year of foundation:	1975
Number of employees:	60
Internal market share:	60%
Export share:	40%
Sales organization:	in 13 Paesi
Stores in Italy:	30
Stores in Europe:	22
Partners in the world:	3 - Chile/Canada/Marocco
Production/Design haedquarters:	Cammarata (Ag)
Business locations/Show room/Training and technical assistance centers:	Piacenza (Italia) / Bucharest (Romania)

1975

1980

1985

1990

1995

2000

2005

The company started its business as a metalworking subcontractor company distinguishing for its quality and reliability. After this stage, Tatano concentrates its expertise in the renewable energy sector setting the stage for what would become the company's specialization.



Kalorina K20 the first boiler functioning with olive husk and wood.
Application of the gas oil burner on the boiler.



Production of the solar panels.
Expansion of the boiler range power until 115 kW.
Flat collector with integrated tank.



Kalorina K 2204 M the first boiler functioning with pellet, olive husk, wood, diesel.
Kalorina K2303 first sawdust boiler.
Introduction of powder coating on the boiler body.



Kalorino KS first fireplace with wood, pellets, olive husk.
Production of the first hot air generators.
New range of medium power boilers (from 151 to 581 kW).
SD feeder for direct storage.



Introduction of the electronic board for combustion management.
The Electronic boilers are divided in two lines:
Kalorina K22 E Pellet and **Kalorina K23 E Wood Chips**
Introduction of the wood briquette feeder.
Product restyling: chromatic variation from purple to red.



Kalorina MK25 / K35 PV / K35 Chips - Compact range.
Kalorina BK - Range of boilers which uses cereal waste.
Power extension for the range of industrial boilers (from 581 kW to 1 MW).
Boiler certification according to EN 303-5 standard.
Production site certification UNI EN ISO 9001 and UNI EN ISO 14001.

A STORY IN STEPS TOWARDS A SUSTAINABLE ENERGY

2010

2015

2018

2019

2020

2022



Kalorina EPA new range of boilers with self-cleaning exchange surfaces.
New range of boilers with movable grill burner.
Data communication devices Remote control/Teleservice.
Power extension for the range of industrial boilers (from 1 to 3 MW).
New generation of Lambda Control boilers.
Storage systems for industrial boilers: fuel storage (container) and Kalorbox (boiler room).
Corporate rebranding.
New Tatano brand.



Smart home.
Kalorina MK Black, new compact model.
Expo Milano.
Kalorina - Winner of the competition *Feeding the future: Energy from tradition*.
Kalorina LE new range of Class 5 boilers.
New headquarters in Piacenza.
New headquarters in Jilava, Romania with showroom, warehouse and services.



Kalorbox heating systems for industrial drying.
Q-BIC thermal wall. Design & heating.
Certification renewal.
ISO 9001:2015 e ISO 14001:2015, according to the new corporate management and environmental respect standards.
Product energy label for the range of Class 5 boilers.



Ecodesign planning 2022 or Kalorina MK20 / MK30 Low Emission compact boilers (Class 5, 4 stars, A+);
Certificazione EN303-5: 2012 Certification for Kalorina K22 CI 5 Pellet and Kalorina K22 CI 5 Wood chips boilers (Class 5, 4 stars, A+);
Kalorina MK Black. New compact boiler certification (Class 5, 4 stars, A+);
The new website and corporate blog are online.



Ecodesign 2022 criteria applied for: new range of pellet gasification boilers (certified Class 5, 5 stars, A++)
Kalorino KS SMALL/MEDIUM/LARGE range with certification Class 5, 5 stars, A++



Industry 4.0
New production technologies, digitization and interconnection of the various company departments, to create a new business model (Big data, cloud solutions and Internet of Things).

CORPORATE VALUES

EVERY PRODUCT IS
BORN STARTING FROM A
CAREFUL ANALYSIS OF
THE CUSTOMER'S NEEDS



Corporate values

Quality

The focus for Tatano is the customer. Each product is based on a detailed analysis of his needs and expectations. Skills and professionalism come together for the realization of the final product, in a team work based on mutual integration and a strong team spirit. Coherent projects, optimum choice of materials, innovative production processes allow the maximum excellence of the products offered.

Tatano also boasts several quality certifications: UNI EN ISO 9001 from 2007, the company quality system that certifies the product/service and its implementation process; UNI EN ISO 14001 which certifies the work company in the maximum respect for the environment during the whole production cycle; BS OHSAS 18001 from 2014, international certification for the occupational health and safety management system. We are what we always do!

Innovation

In an ever-changing industry like the energy sector to keep pace with the times means being able to listen and adapt to the changes, but not only. Tatano has always invested in research and generate new ideas for the improvement of products and production processes, without ever losing sight of the respect for the environment.

Better use of natural resources and minimize energy waste are the principles behind the research and development of innovative biomass heating systems in Class 5 energy efficient, as Kalorina LE (Low Emission), concrete contribution to the protection biosphere through the use of renewable sources of fuels.

Technological craftsmanship

The High technology at the service of rigorous product design "tailored" for the customer. The real plus of the company is to build custom installations, often unique pieces, with the use of the most advanced production techniques.

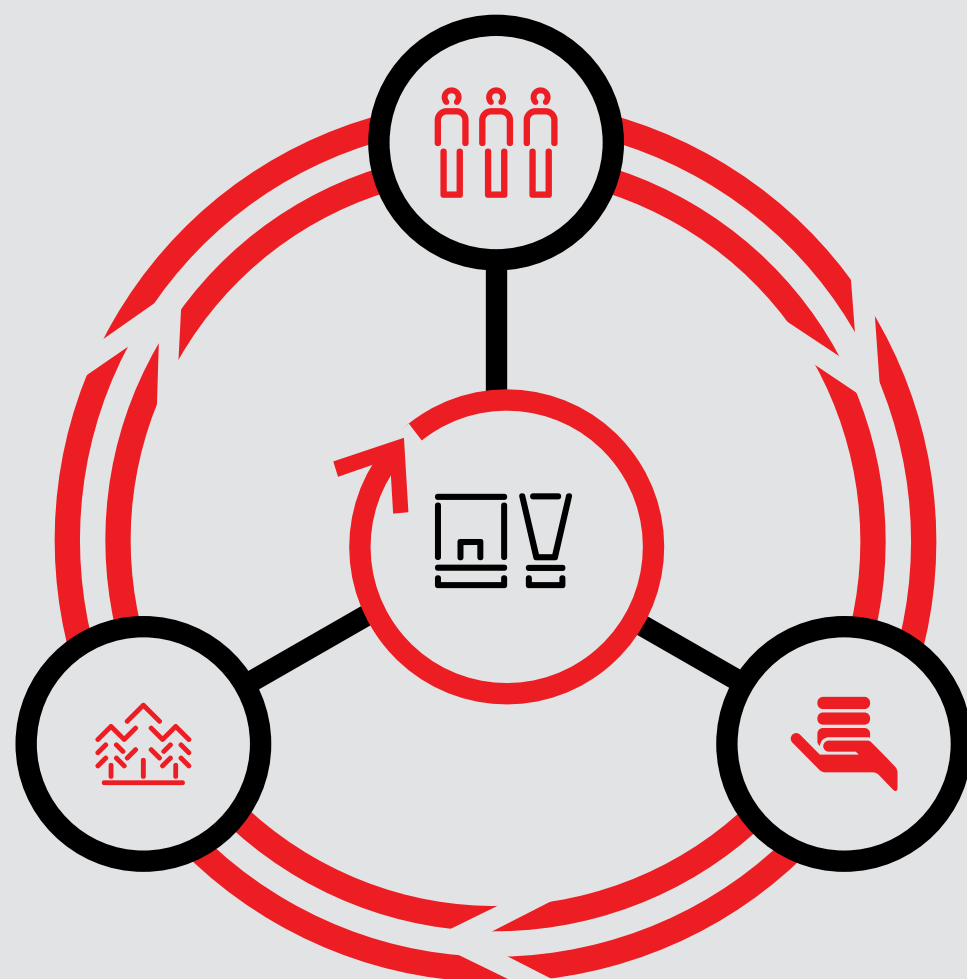
Tatano approaches the market, carrying out two souls: the metal processing in series and the production of customized products, developed on specific customer requirements.

Reliability

Tatano puts the loyalty to the center of the relationship with customers, suppliers and intermediaries. This will ensure the complete reliability of the company, in a climate of mutual cooperation and trust, always with the maximum professionalism.

Competence

Industry professionals, qualified technicians with extraordinary skills make Tatano a solid and safe company. Tatano supports both staff and business partners with training courses, providing them with the necessary knowledge and tools to achieve a common success: continue to be synonymous of high quality standards.



Tatano has always paid attention to the environment with sustainable and high quality standards products, environmental sustainability projects and energy culture.

Sustainability with efficiency

The focus of Tatano are all those processes that are directly related to the products life cycle, as well as the ecological aspects related to energy efficiency, environmental emissions, biodiversity and social issues, such as job protection and health, education and the degree of employees satisfaction.

Making environmentally friendly heating is possible:

- The CO2 neutral energy supply in all sales offices and production. Thermal energy supplied exclusively from renewable energy sources such as biomass boilers combined with solar panels;
- the design according to efficiency and longevity criteria of the final product in order to reduce the consumption of energy and natural resources;
- the adoption of green materials for safer products and industrial processes;
- organization of production processes and supply chain to promote the resource efficiency and environmental protection.

Tatano is engaged in spreading important issues on energy culture, on good practice in the field of sustainable development and in particular on renewable energy by creating a corporate character like Kalò.

With projects like Treedom, Tatano protects and creates sustainable forests considered that, if handled correctly, can provide abundant resources for a long time. Tatano Green Project supports reforestation projects in Sicily and in Kenya, contributing to the fight against mafia and poverty - www.treedom.net

Treedom



Kalò



THE PRODUCTS

TATANO A SINGLE SUPPLIER FOR THE WHOLE SYSTEM



The products



A wide range of products, the ideal solution for any type of use: whether it is individual homes or condominiums, commercial and industrial activities, the redevelopment of existing buildings or the implementation of new projects up to entire district heating networks, Tatano is the sole supplier of the entire system.

The company designs and manufactures boilers for all types of biomass available: pellet and wood chip boilers, wood or pellet fireplaces, industrial boilers with power ranging from 15 kW to 3 MW, hot air generators, but also systems ad hoc for the customer, designed in compliance with the regulations in force in the various Countries, taking into account the different forms of existing incentives.

Among the latest generation products there is the Blu EVO, the new range of pellet gasification boilers classified in the highest energy efficiency class A++ and certified CLASS 5 (EN303-5: 2012), with a 5-star environmental class (according to DM186/2017). Awarded by various state incentives for minimum environmental impacts: Conto Termico 2.0, Eco Bonus, Super bonus 110%, Tax deductions, it also exceeds the emission constraints imposed by numerous countries: 15a B-VG (Austria), BImSchV stufe.2 (Germany), LRV 11 (Switzerland), Flamme verte (France), Order 1432 (Denmark), Romania (Casa Eficienta Energetic).

THE PRODUCTS RANGE

Wood boilers	up to 104 kW
Pellet and Wood Boilers	from 23 kW to 1 MW
Wood Chips and Pellet Boilers	from 27 kW to 1 MW
Low Emission Boilers, CLASS 5	from 30 kW to 1 MW
Hot air generators	from 29 kW to 3 MW
Pellet and Wood Fireplaces	from 15 to 31 kW
Big power Boilers "Turnkey" Systems for Remote heating or Cogeneration	from 1 to 3 MW Solutions in cascade until 30 MW
Solar Systems	Natural/forced system
Storage Systems	Pneumatic / with articulated feeder / SCB02 / Moving rakes / Stocker
Kalorbox	Mobile heating systems with pellets and wood chips (plug & play)
Mini container	In case of contracts for the supply of thermal energy

BLU EVO: THE NEW RANGE OF PELLET BOILERS

BLU EVO®

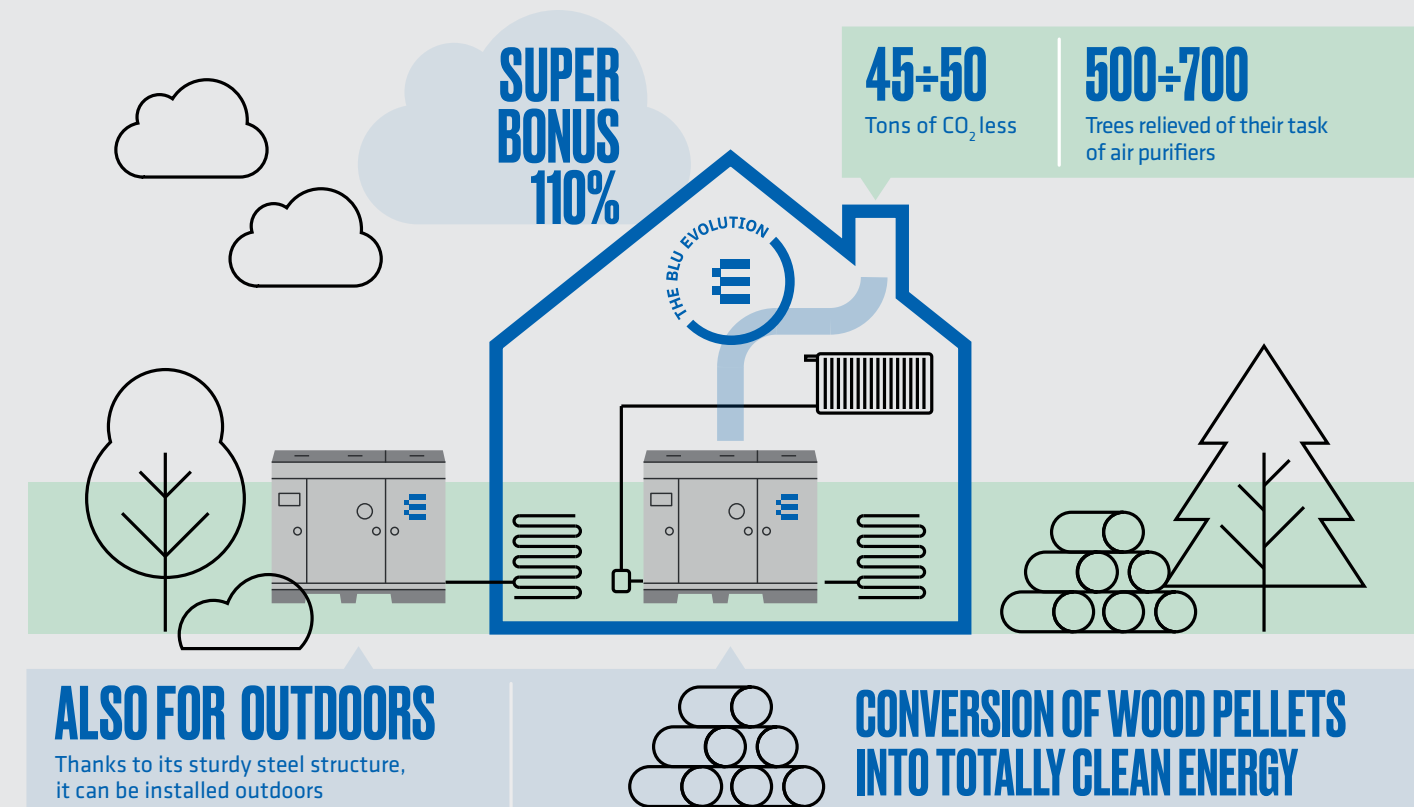
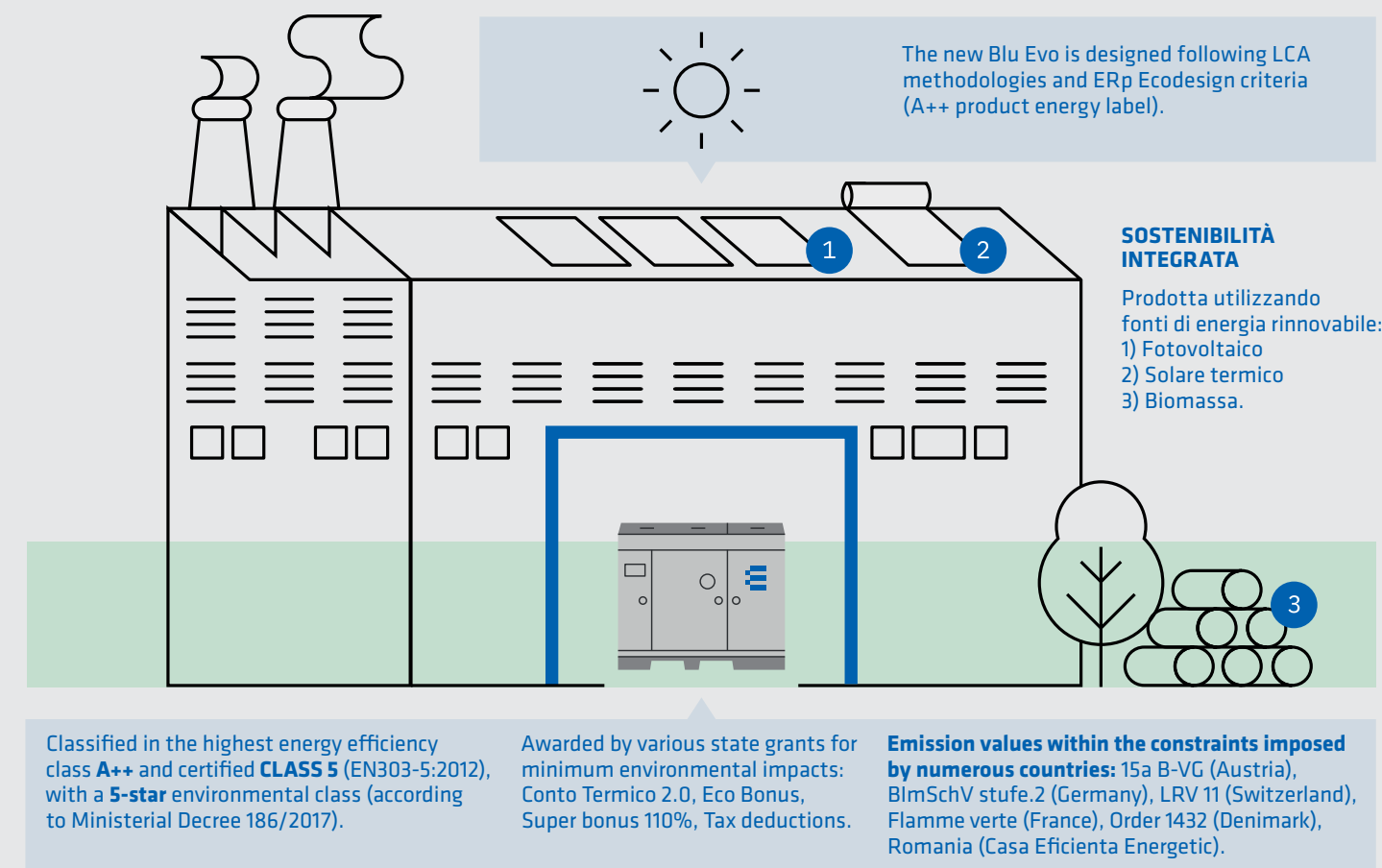
It represents the latest dimension of gasification technique for pellets and contains the experience and expertise of over 30 years of research to offer you efficient and clean heating. The unique combustion technology developed by Tatano based on three essential elements: the gasification of the pellets, the patented reactor and the combustion chamber sensor allows highly efficient combustion, with reduced NOx and CO emissions, ensuring high savings and environmentally friendly operation.



A++

BLU EVO®

Purity of natural warmth, optimized to perfection to redefine the well-being of your spaces and the environment around you.



THE PRODUCT RANGE

CLASS 3

BOILERS

Heating with
Wood

Heating with
Wood Pellet/Wood

FIREPLACE

AIR GENERATORS

Heating with
Wood

Heating with
Wood Pellet/Wood

Heating with
Wood Chips/Wood Pellet

RESIDENTIAL



Domestic
environments

KALORINA series 21
up to 104 kW



Series 20 M
up to 104 kW



Series 22 E
up to 104 kW



KALORINA Compact series
from 26 kW



Series 23 E
from 27 to 104 kW



Kalorina series KS
from 15 to 31 kW



Compact series
from 20 to 31 kW



BIG AREAS



Commercial areas

KALORINA Big Power
from 151 kW to 1 MW



KALORINA Industrial Power
from 1 to 3 MW



Big Power
from 151 kW to 1 MW



Industrial Power
from 1 to 3 MW



Kalorina series 24
from 29 kW to 1 MW



Industrial Power
from 1 to 3 MW



Series 25
from 29 kW to 1 MW



Industrial Power
from 1 to 3 MW



Industrial areas
District heating

THE PRODUCT RANGE IN CLASS 5



CLASS 5

BOILERS

FIREPLACES

Heating with
Wood Pellet

RESIDENTIAL



Domestic
environments

Blu Evo
from 16 to 41 kW



Kalorina Series 22 CI5
from 30 to 90 kW



Kalorina LE-PA Low Emission
from 30 to 90 kW



Kalorina series KS
from 15 to 31 kW



Compact series
from 20 and 30 kW



Kalorina MK Black
from 20 and 30 kW



BIG AREAS



Commercial areas

Kalorina LE-PA Low Emission
from 120 kW to 400 kW



Kalorina LE-PA Low Emission
from 400 kW to 3 MW



Industrial Areas
District Heating

The product range

BOILERS

Heating with
Wood Chips/Wood Pellet

Kalorina Series 22 CI5
from 30 to 90 kW



Kalorina LE-PA Low Emission
da 30 a 90 kW



THE PRODUCT RANGE

SOLAR SYSTEMS

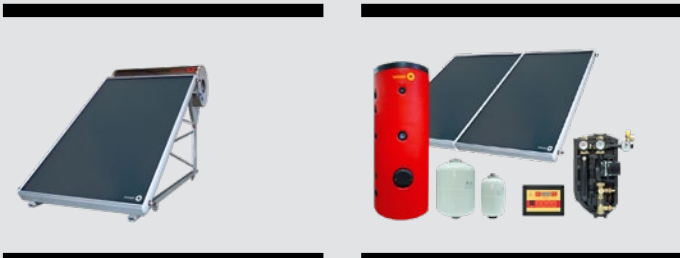
Natural circulation

Forced circulation

RESIDENTIAL



Domestic
environments



The product range

STORAGE SYSTEM/EXTRACTION

Pneumatic system

Articulated feeder

SCB01/SCB02

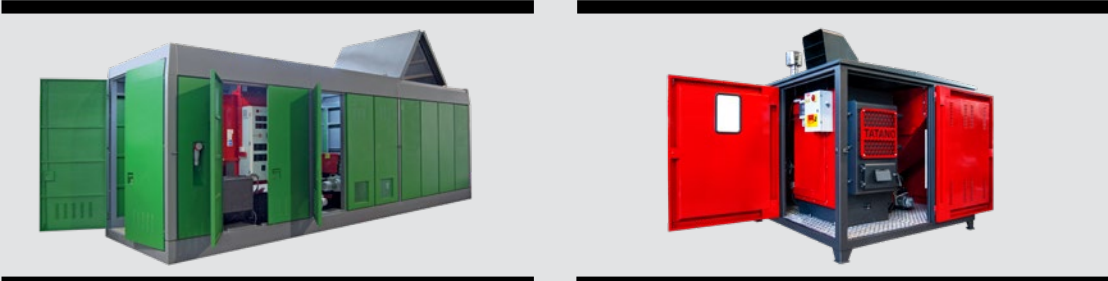
Moving rates

Stocker



CUSTOMIZED SOLUTIONS

- Cascade solutions up to 30 MW
- Kalorbox, mobile pellet and wood chip heating systems (plug & play)
- Mini container (heating for rent)
- Solutions for thermal systems with grants Conto Termico/TEE



REFERENCES

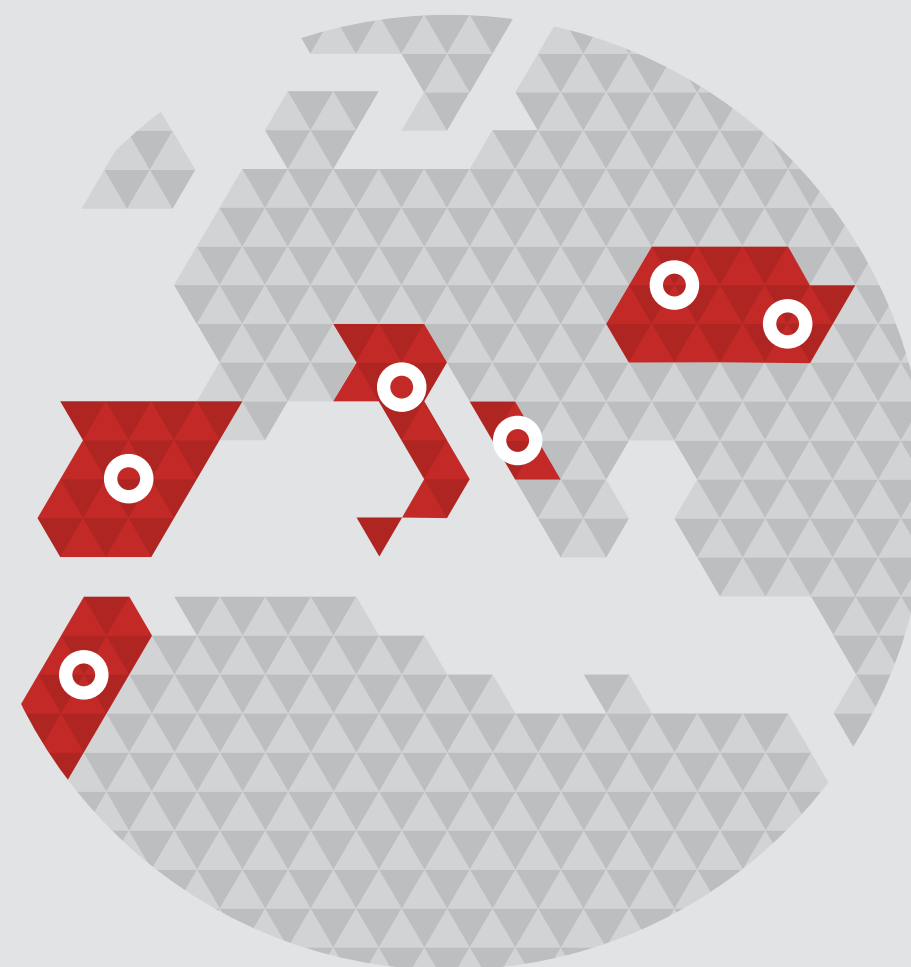
SOLUTIONS FOR THE ENERGY SAVING ORIENTED TO THE FUTURE



References



Eco-sustainable systems aimed at offering maximum comfort in environments, minimizing the environmental impact and energy costs: over the years Tatano has distinguished itself on the market with cutting-edge projects, a perfect combination of artisan creativity and technological innovation. This section illustrates some of the projects carried out in the various Italian and foreign sites. The projects have been cataloged by application area.



Examples of projects in Italy and abroad



PROJECT
Hotel Jardin des Douars
Essaouira, Morocco

In February 2014 a Tatano biomass plant was built with a multi-fuel boiler, mod. Kalorina K2010 (115 kW), powered by olive husk in parallel with the two existing gas boilers, Chapee brand, with a power of 60 kW each one. The boiler covers the heating needs of a 180 m2 swimming pool of the hammam (Turkish bath) with an area of 20 m₂ and also the production of DHW.

Technical data

Model: Kalorina K2010 E
Power output: 115 kW

Fuels: olive husk
Storage: standard hopper (190 L)

ANNUAL SAVINGS
75% compared to GPL



PROJECT
All Saints Monastery
Porta Alba, Romania

The All Saints Monastery was raised in memory of thousands of political prisoners, including many priests and monks, exterminated by the Communist dictatorship ,thanks to the donations of the faithful and the volunteering of the various companies in the execution phase, including Tatano. In 2016, 2 Kalorina K2210 E boilers of 116 kW each and a K2204 E boiler of 46 kW, powered by sunflower pellets, were installed for a total capacity of 278 kW. The connections between the thermal power plants and various users were made through a district heating micro-network.

Technical data

Model: Kalorina K2210 E (n.2)
Kalorina K2204 E (n.1)
Power output: 278 kW

Fuels: sunflower pellet/wood
Storage: Sil-Max 800

ANNUAL SAVINGS
50% compared to fossil fuels



PROJECT IN CLASS 5
Julia Alpine Refuge
Sella Nevea, Italy

A latest generation Tatano boiler Kalorina K90 LE-PA (Low Emission) (Class 5 EN 303-5: 2012) of 90 kW, set up inside a mobile container, ensures the thermal needs of the 49 beds, for an area of about 500 square meters. The system is equipped with pneumatic cleaning, integrated multi-cyclone, forced smoke extraction and 2000 L technical water puffer. The environmental impact is also minimal: the project, blending perfectly into the surrounding environment.

Technical data

Model: Kalorina K90 LE-PA (Low Emission)
Power output: 90 kW

Fuels: wood Pellet Class A1 certified EN 17225-4
Storage: articulated feeder

ANNUAL SAVINGS
55% compared to fossil fuels

References



PROJECT
Vitis Metamorfosis
Vadu Sapat Winery, Romania

As part of the Vitis Metamorphosis project, the Vadu Sapat Winery was completely renovated and refurbished by the Marquis Piero Antinori, with a view to environmental sustainability and maximum energy efficiency. The installation of a Kalorina K2206 E boiler (69 kW) which allows the reuse of its production waste, solar thermal systems, as well as the collection of rainwater reused in the system is perfectly integrated in this vision of sustainable design.

Technical data

Model: Kalorina K2206 E
Power output: 69 kW

Fuels: pomace with stalks, sunflower pellets, vine logs
Storage: Sil Max 800

ANNUAL SAVINGS
60% compared to fossil fuels



PROJECT IN CLASS 5
Energy efficiency certificates (TEE) for the La Spezia social health structure

The project carried out at the “Campo del Vescovo” social health facility located in Rocchetta Vara (SP) consists in the replacement of two LPG boilers in cascade with a biomass boiler Tatano mod. Kalorina K400 EPA-LC complete with forced draft, multi cyclone filter and lambda probe. Partner: SSE Liguria s.a.s.

Technical data

Model: Kalorina K400 EPA LC
Power output: 400 kW

Fuels: chips certified EN14961-4
Storage: hopper built on the central overlying floor. Monthly autonomy.
Storage volume: 160 m³
Extraction/Transport: leaf spring (SCB02)

ANNUAL SAVINGS
23% for the first 5 years
43% after depreciation

TEE (White Certificates)
Total Grants value:
14000 year x 5 years= 70.000 euros



PROJECT IN CLASS 5
Mini container for industrial warehouses
Fiorenzuola d'Arda, Italy

Mini container with K2408 E hot air generator pre-installed as an efficiency solution in micro-climatic conditions in the workplace for the Hydropneumatic company. A solution ready for use and in full compliance with the regulations. On-board equipment: K2408 hot air generator with fuel storage hopper (905L), flexible pipes for connections to the air ducting system, as well as all the safety systems and devices required by the winning standard.

Technical data

Model: Kalorina K2408 E
Power output: 93 kW

Fuels: pellet according to EN 14961-2
Storage: standerd hopper (L 905)

ANNUAL SAVINGS
55% compared to traditional fuels

Examples of projects in Italy and abroad



PROJECT 33 MW
Eco-sustainable greenhouse
Popesti-Leordeni, Romania

Energy requalification project consisting of a thermal plant of n. 11 multi-fuel boilers, Kalorina K23300 EPA Q FMC LC (3000 kW), supplemented by 6 puffer with a total capacity of 3000 m3 of technical water for heating the 12 ha of hydroponic greenhouses. An innovative thermal system designed on the basis of the specific needs of the customer: the use of alternative fuels, in particular agricultural waste: corn cobs, cereal waste, sunflower husk, husk pellets that will allow the implementation of a "zero kilometer".

PROJECT
Heating for chicken farm Lipovat
Lipovat, Romania

The project involves the expansion of the existing plant, consisting of two Kalorina boilers installed in 2010 and the commissioning of a new biomass thermal power plant, consisting of three boilers, which feeds the district heating network to which the twenty-two warehouses are connected. intended for the breeding of chickens, the offices and the changing rooms of the company.

PROJECT
Sports center heating
Targu Secuiesc, Romania

The Skat Kart circuit, with its 1431 mt homologated track, which meets the highest safety standards set by the International Karting Federation (FIK), is part of the country's official racing and competition circuit thanks to the new air conditioning system. With Kalorina K2313 E wood pellet boiler, custom built to also meet the architectural needs of the technical compartment, which perfectly adapts to the needs of the structure to have a "turbo" system and to heat the building quickly.

PROJECT IN CLASS 5
Wood chips drying plant
Ivrea, Italy

The Giardinord wood chip drying plant is supplied with a Kalorina K500 LE-PA (Class 5) boiler pre-installed inside a container. The aim of the project is the reduction of costs and the enhancement of its processing waste which, transformed into a resource, becomes the raw material of the new plant.

PROJECT IN CLASS 5
Heating for greenhouse cultivation
Alexandria, Romania

The expansion of the plant for the Prestoagri agricultural greenhouses, dedicated to the cultivation of aromatic plants in pots, with the integration of the second generation boiler, Kalorina K500 LE-PA (Low Emission) 500 model kW which will allow them to extend the cultivated area to 6000 sqm. The complete system from the storage to the exhaust of the combustion gases has been customized according to the specific needs of the customer, since the company invests in the production of the briquettes of agricultural plant residues necessary to feed the plant, thus creating a zero kilometer supply chain.

PROJECT IN CLASS 5
Industrial warehouse heating
Targu-Mures, Romania

The energy redevelopment project of the existing thermal system at the Swan Windows company is a virtuous example of the transformation of a processing waste into an energy resource. Furthermore, with the installation of two latest generation boilers, model Kalorina K375 LE-PA (Low Emission), not only an alternative energy source to traditional fossil fuels, but also helping to respect the environment, with the use of renewable sources at zero kilometer and with emission values well below the restrictive legal limits (10 mg/Nm³ dust and 1.2 mg/ Nm³ TOC, at 6% O₂/Test Report 2000762/Wessling certification body).

Technical data

Model: Kalorina K23300 EPA Q FMC LC (n.11)
Power output: 33 MW
Fuels: corn cores, cereals waste, sunflower pellet
Storage: mobile floor with rakes (driveway version)
Extraction system: centralized, with mobile rakes

ANNUAL SAVINGS
60% compared to fossil fuels

Technical data

Model: K23100 EPA FMC LC (n. 5)
Power output: 5815 kW (5,8 MW)
Fuels: agro-pellets, sunflower husks, wood chips, cereal wastei
Storage: direct
Extraction/transport: leaf spring (SCB02)

ANNUAL SAVINGS
80% on the price of methane

Technical data

Model: Kalorina K2213 E (n. 1)
Power output: 151 kW
Fuels: wood pellet/wood
Storage: rear hopper 190 L

ANNUAL SAVINGS
50% compared to fossil fuels

Technical data

Model: Kalorina K500 LE-PA
Power output: 500 kW
Plant capacity: 2500 kg/h
Fuels: wood chips (EN 17225-4)
Storage: direct/leaf spring (SCB02)

ANNUAL SAVINGS
50% compared to fossil fuels

Technical data

Model: Kalorina K500 LE-PA (n.2)
Power output: 1000 kW
Fuels: cereals waste, agro-pellets, briquettes of agricultural plant residues
Storage: articulated feeder

ANNUAL SAVINGS
50% compared to fossil fuels

Technical data

Model: Kalorina K375 LE-PA (n.2)
Power output: 750 kW
Fuels: sawdust, shavings, wood chips
Storage: standard (L 1235)

ANNUAL SAVINGS
65% compared to fossil fuels

CERTIFICATIONS

Tatano boilers meet high quality criteria and are made in compliance with current regulations. They are intended for the national and foreign market.



Certifications



Company certifications

ISO 9001

International standard that defines the requirements of a company quality management system. Compliance guarantees the way the company operates to achieve high performance and process quality by implementing actions that allow to improve operational efficiency at all levels (audits, design control, monitoring of business cycles).

ISO 14001

International voluntary environmental management standard. The company has an adequate management system to keep the environmental impacts of its activities under control. Tatano operates in a sustainable way and with the utmost respect for the environment.

ISO 18001

OHSAS 18001 certification (Occupational Health and Safety Assessment Series), of international significance, it defines the requirements of a Occupational Health and Safety Management System (OSH).

Product certification



CE

The CE marking on all Tatano products indicates that the products are conform to all the community provisions that provide for its use.

EN 303-5:2012 - CLASS 5

Solid fuel heating boilers, with manual and automatic loading, with rated thermal power up to 500 kW. Terminology, requirements, tests and marking according to the new machinery directive 2006/42/EC.

UNI EN 14785:2006

Design, construction, safety and performance, instructions and marking of domestic heating appliances up to 50 kW.

ECODESIGN 2022

The obligation of eco-design for biomass boilers (from 1st January 2020) with the aim of increasing efficiency and reducing harmful emissions to the atmosphere. Our products with environmental certifications (DM 186/2017) comply with all 5 environmental indicators: efficiency, CO, OGC, Nox, dust and are classified in the highest energy efficiency classes: A+ and A++. In addition, they are rewarded by various state Grants (national and foreign) for minimum environmental impacts: France (Flamme verte), Switzerland (VKF - LRV11), Germany (BImSchV) Romania, Austria (FAV BGBl 331 + BGBlA 312), Denmark, Croatia, Luxembourg.

THIRD PARTY APPROVAL BODIES THAT ENSURE TRANSPARENCY



Obtaining the certifications of compliance with the aforementioned standards testifies to the constant commitment and strong propensity of the company to provide products and services in line with the highest European and international standards, all aimed at complete customer satisfaction and the pursuit of the highest quality.

SERVICES

A SINGLE SUPPLIER FOR A MULTIPLE OF SERVICES

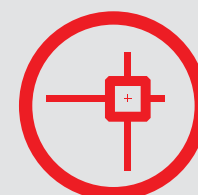
Services



Maintenance and technical assistance

From commissioning to maintenance, to troubleshooting: Tatano customers can count on the expertise of the Technical Assistance Centers where specialized staff offers personalized advice and interventions on new and existing systems.

Tatano also offers assistance on the redevelopment and modernization of old systems, professional spare parts management, planned maintenance interventions and the possibility of taking advantage of customized maintenance contracts.



Specialized technical advice

Tatano has the most advanced technologies to support the designer.

Taking into account the regulations in force in the various countries, Tatano designs and manufactures customized boilers, according to the specific needs of the customer, carefully analyzes and evaluates the quality of biomass through combustion tests, configures and executes layouts for customized projects.

The company is also a research and development partner for scientific centers and research institutes to bring innovation related to biomass heating to the market.



Customer support

Business consultants, brochures, catalogs, open days in the company that also provide the possibility of following the development and construction phases of the boilers, online configuration and sizing tools that support the customer at any time in the choice of products and commercial offers with technical attachments for each single product, Tatano's offer is completed in this service area.



Software and internet service

At the forefront of technology, Tatano offers the latest generation software for boiler control (System Evolution, Remote control with GSM module, KalorCheck with DSL network, KalorAPP for remote management via smartphone).



Energy network

The network constitutes the ideal structure for the search for eco-sustainable solutions and the realization of building solutions and energy production systems, allowing cooperation to achieve the Zero Emission objectives.

Among the figures involved, biomass producers and suppliers, energy certifiers, design studios, energy management experts (EGE), Energy Service Companies (ESCO), Energy Service Managers (GSE), installers and service centers.

DIGITAL CRAFTSMEN 4.0

A STEP BY STEP PATH TOWARDS DIGITIZATION



To enter the era of the Smart Habitat we had to become the Smart Factory, step by step more efficient to realize the principles of Industry 4.0

Always oriented towards innovation, Tatano could only be very sensitive to technological megatrends and open up to the new frontiers of digitalization: the internet of things, Big Data Management, Cloud Computing.

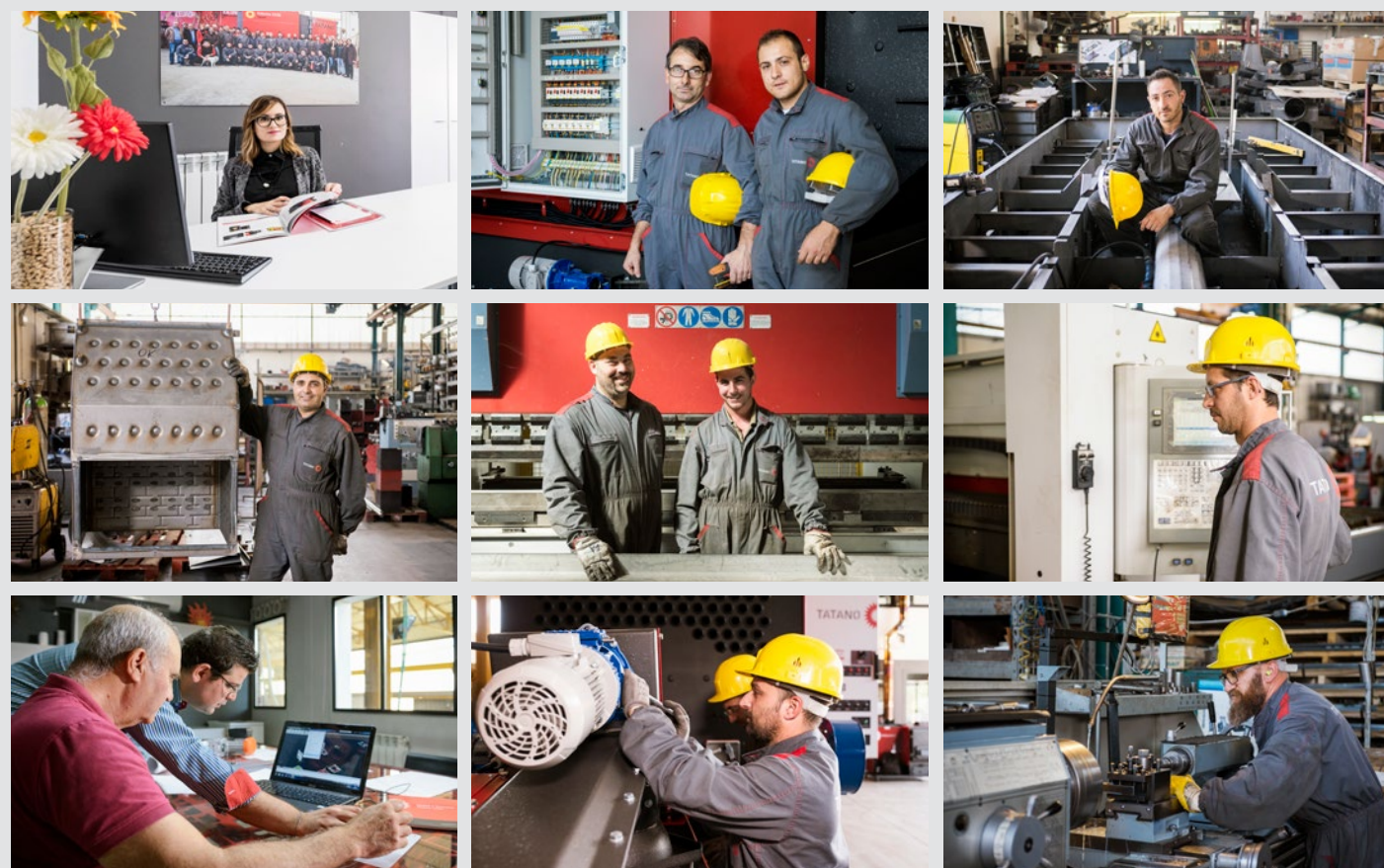
Thus was born a corporate vision towards the new concept of Smart Heating that Tatano inserts in the broader context of Smart Habitat: creating smart solutions, with the aim of creating relationships not only between man and the system, but also between the plant and the environment in which it is located.

Smart Heating will allow to obtain more and more efficiency in energy management, transforming heating from cost to asset and bringing out immediate and tangible advantages: reduction of CO₂ and unnecessary costs.

After all, well-being and the environment are two key words of Tatano's core business. The digitization process has given a further boost to what Tatano has always had in its DNA by opening the doors to Smart Habitat.

COMPANY STAFF AND RESPONSABILITY

Tatano employs highly qualified technical personnel, professionals in the sector who work alongside young talents to ensure maximum efficiency in production. Team of expert technicians and young apprentices propose innovative solutions to successfully face the continuous challenges of the energy sector. The training of all employees is the pillar on which the company is founded, which is now increasingly competitive in foreign markets. The continuous updating guaranteed at all levels and in every company area lays the foundations for the best performance of the work, allowing professional growth which can also translate into career opportunities. Optimizing the management of risks for the health and safety of employees is one of Tatano's priorities, as demonstrated by the certification of international significance OHSAS 18001, obtained in 2015.



CONTINUING TRAINING TO ENRICH PROFESSIONAL SKILLS

It is called "Learn by doing" and is the innovative training program that Tatano provides for the training and updating of its partners, and more. Between theory and practice, with the advice of experts and university professors, tests on installed products and online training, the extensive program of seminars allows you to discover the main news on products, technologies, legislation on energy efficiency and forms of incentives in force. Theoretical and practical training also in the internship/training cycles that Tatano provides within the company in collaboration with schools, universities, research institutes. Committed to promoting science, the company also supports research, proposing itself as a partner for universities, scientific centers and research institutes to bring innovation in the biomass heating sector to the market.



DESIGN

Tatano products are unique and highly recognizable thanks to their essential design. The attention to design intended as a support to functionality and the use of selected and certified materials are the key elements and reference point for future projects that arise as an integration between engineering, form and aesthetics.

Tatano with Kalorina is the winner of the competition "Feeding the future: energies from tradition", an event organized by Confartigianato within EXPO Milano 2015 with the aim of selecting some of the excellences of Italian artisan production. Kalorina was awarded as a product capable of expressing, in addition to the values of excellence, personalization and traceability, also that of identity, therefore capable of expressing characteristics that make it recognizable and differentiate it from other similar ones.



KALORINA 2202 E
The excellence of Italian artisan production

Contest winner:
feeding the future: energies from tradition
Milan 2016

Confartigianato

EXPO
MILANO

COMMUNICATION

The Tatano design strategy was built so that the brand is highly recognizable in all its manifestations.

The different areas of corporate communication, corporate, editorial projects, the website and social media, as well as the exhibition and architectural spaces of the various locations, are consistent with the values of the brand, characterized by a style and a clear, transparent and easily understandable language.



WHERE WE ARE IN ITALY, IN THE WORLD

In Italy, Tatano has its historical headquarters and production site in Cammarata (Ag) and is present in the north with the commercial office in Piacenza. With a direct commercial network, as well as numerous points of sale, it guarantees excellent service throughout the territory.

Born as a company aimed at the national and European market, over the years Tatano has established itself with its "total green" products completely "Made in Italy" worldwide and today can count, alongside about 70 stores in Italy, Spain, France, Romania, Holland, Greece, Russia, Hungary, Bulgaria, Denmark, Albania, Tunisia, Morocco, Latin America.

Where we are

Production site in Cammarata (Ag), Italy
It covers an area of 9000 sqm

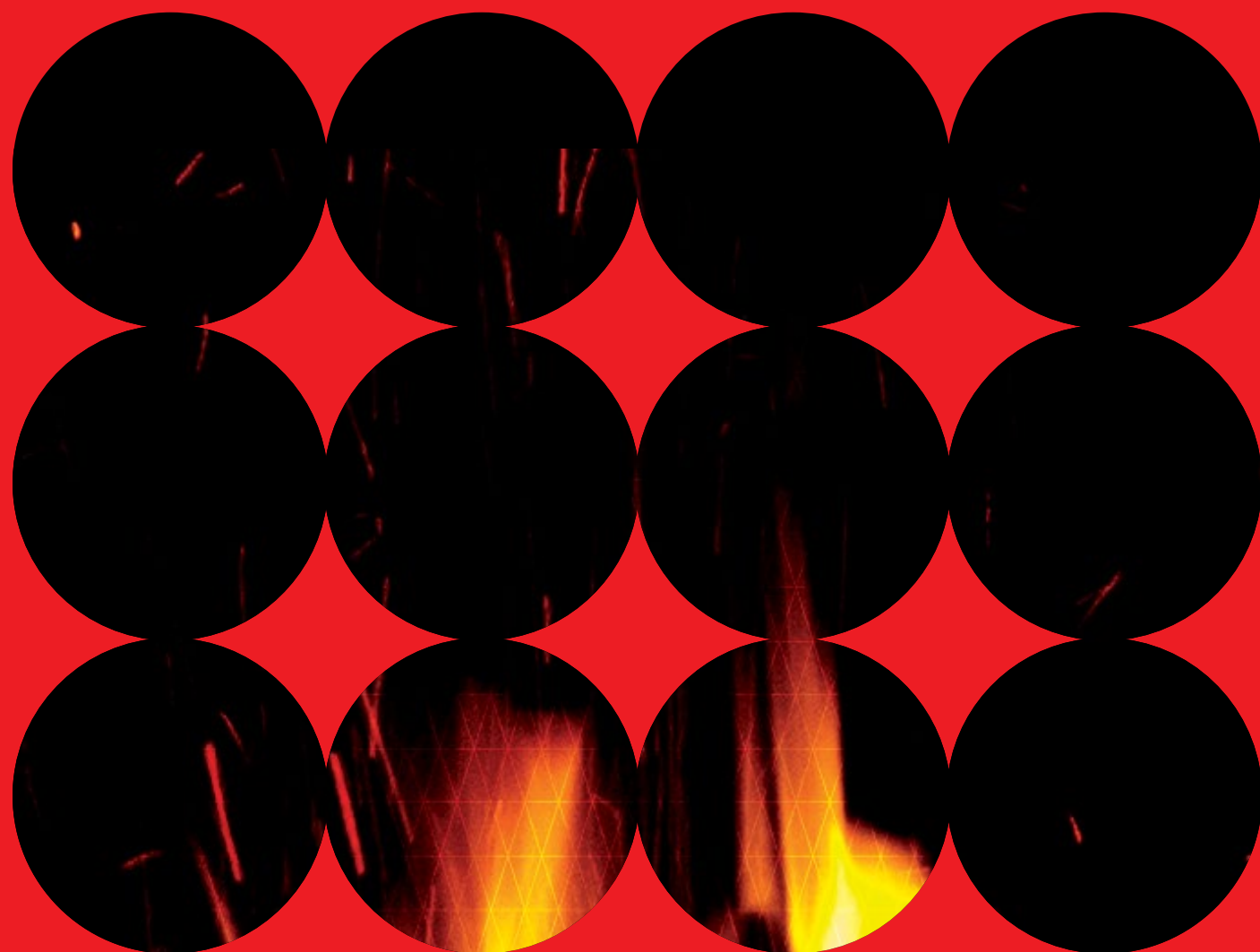


Commercial office in Piacenza, Italy
Surface: 3000 sqm

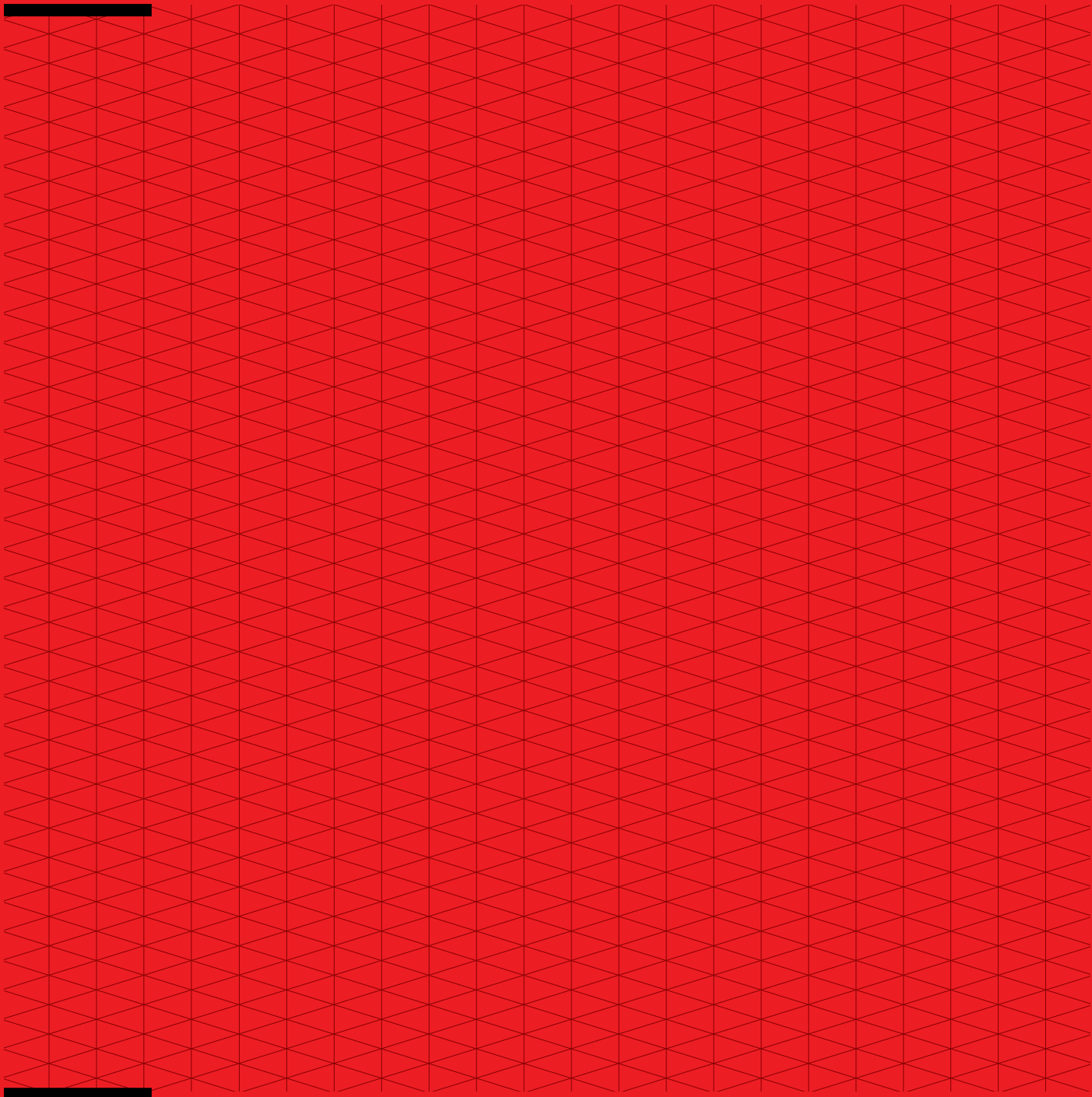


Commercial office in Bucharest, Romania
Surface: 500 sqm





All life forms need energy for survival. We believe that dealing with energy means taking care of the quality of life. Heat as a form of energy is the fundamental prerequisite for our well-being and our standard of living. Where natural sources are not sufficient to satisfy this need, it is man's job to obtain the heat. Tatano is committed to producing heat with its innovative, highly efficient and excellent quality products, capable of exploiting renewable energy sources, such as biomass and the sun, to improve people's lives and that of our planet.



TATANO s.n.c.

*Biomass boilers
Solar Systems*

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