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domestic, professional, industrial components & solutions

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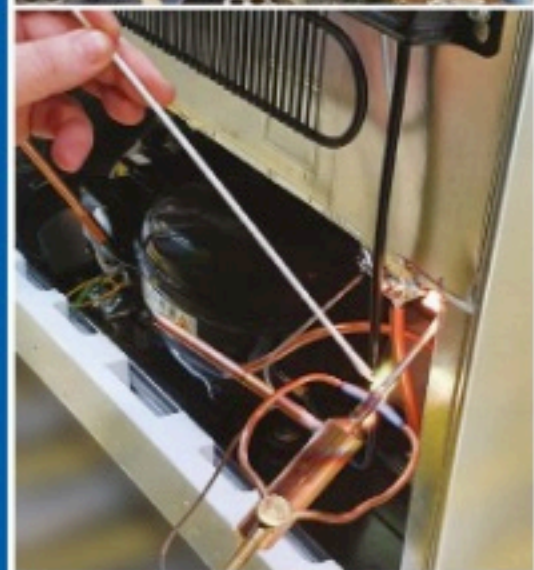
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ZOOM Biomass heating • **APPLITECH 2025** Networking promotes innovation • **TECHNOLOGIES** The connection between Wi-Fi and IoT • **COMPANIES** A partner in Europe for electric motor manufacturing



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MASSIMILIANO LUCE

ELECTRONICS STAYS AHEAD of the curve

Amid unstable markets, new technologies, and global competitive pressure, P.G.A. (Sabaf Group) looks ahead to 2026 with a focus on automation, artificial intelligence, "zero defects" quality, and the ability to anticipate customer needs

Founded in 1995 in the industrial district of Fabriano and part of the Sabaf Group since 2022, P.G.A. has established itself as a leader in the design, prototyping, and production of high-reliability electronic circuits. From hardware to firmware, from software to testing, to after-sales services and management of the entire product life cycle, the company has built its position on quality, flexibility, and continuous innovation, representing Made in Italy in the world of electronic boards for household appliances, electric motors, sensors, and control systems.

In 2026, the electronics sector is facing a scenario marked by rapid change and high geopolitical and economic instability. However, P.G.A.'s results for the last year provide a clear picture of the choices made. «The past year has confirmed that the strategic choices made by P.G.A. have proved successful – states Paolo Cennimo, Chief Executive Officer of P.G.A. Sabaf Group -. In an increasingly competitive and difficult sector such as ours, economic crises, geopolitical crises and the resulting logistical and supply problems have caused many problems of obsolescence and rapid turnover».

From a market perspective, especially the consumer market, there is a strong demand for increasingly customized solutions. The stagnation of traditional European markets has prompted many companies to look to new geographical areas and new technical requirements. «Analyzing the market from the consumer side, however, there is an increasing need for diversification and customization, sometimes 'extreme', in order to gain market share. The stagnation of European markets and, in general, those known to date, has led to the expansion of research into new markets and, therefore, new requirements and specifications to be met. Many projects have been launched with this in mind, and we believe that they could become important businesses for the future».

Industrial quality and advanced automation

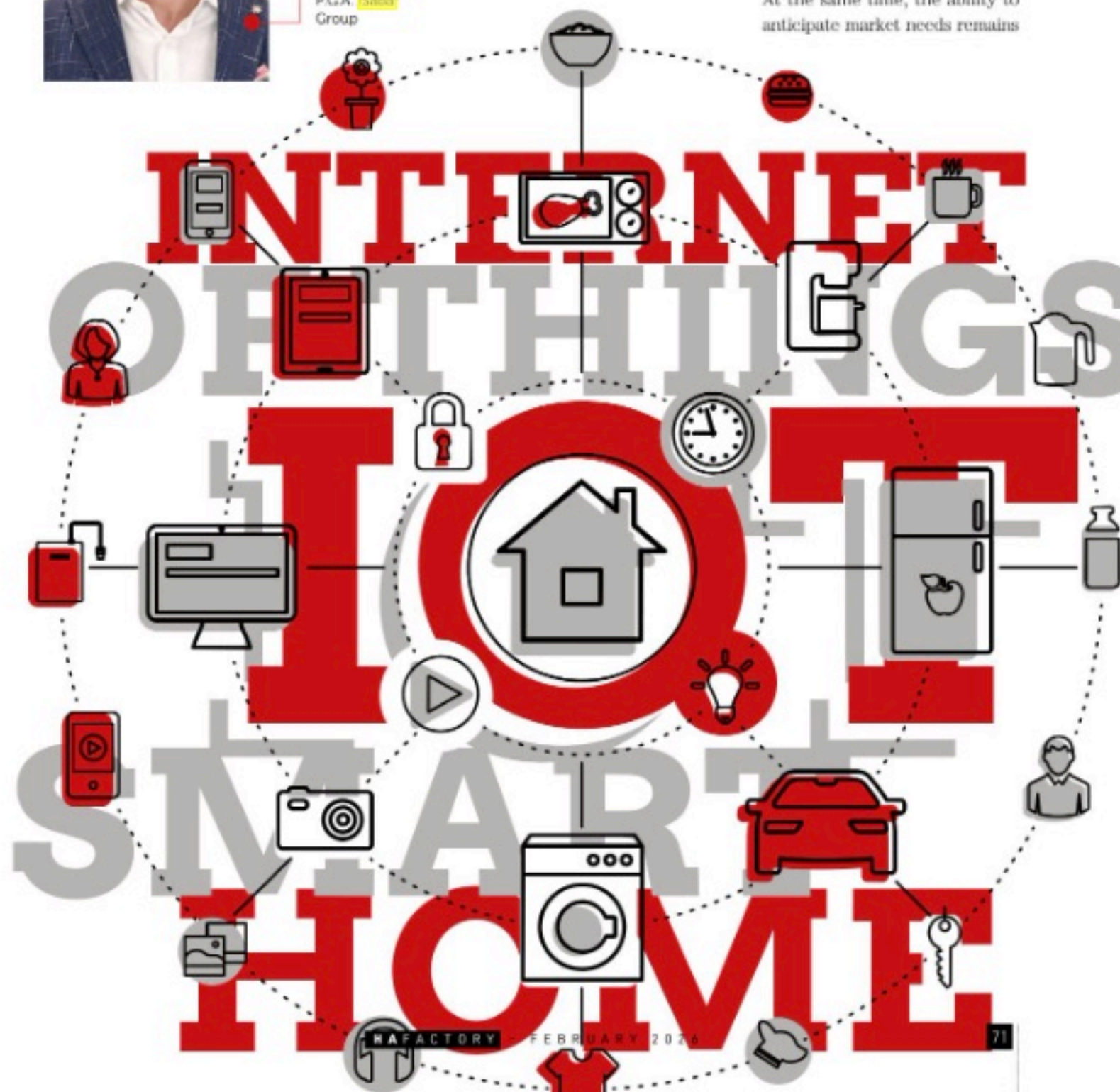
In this complex scenario, quality remains a non-negotiable pillar. The stated goal of "zero defects" continues to drive the evolution of production processes and control systems. «The company is con-

tinuing to invest in the process of complete automation, in addition to fully automated lines for assembling all electronic components, including odd shapes, and the installation of integrated systems combining hardware such as sensors, robots, software, and

AI for the management of material and information flows, always with our ambition in mind». Automation is therefore not only a lever for efficiency, but also a strategic tool for ensuring reliability, repeatability, and total control throughout the value chain. At the same time, the ability to anticipate market needs remains



Paolo Cennimo, Chief Executive Officer of P.G.A. Sabaf Group





SMD production lines

one of the company's distinctive features, especially in terms of technological innovation.

«P.G.A.'s main focus has been and continues to be to maintain an open and attentive view of market needs, both in the present and for future development. Market analysis shows us that the trend towards innovation is increasingly focused on the presence of AI applied to everyday life».

The experience gained over time and continuous updating allow P.G.A. to offer solutions that can truly differentiate customers in the market. «Thanks to the experience gained over the years and continuous updating, we are able to offer our customers innovative solutions that can set them apart in the market».

The development of proprietary IoT solutions also plays a key



P.G.A. represents Italian manufacturing in the world of electronic boards for household appliances

role, expanding the scope of the offering and opening up new business opportunities. «Specifically, P.G.A.'s IoT system has allowed us to develop projects that have been very well received by our customers, while also enabling us to reach new customers attracted by the service and product we offer».

To support this strategy, investment in components, design tools,

and laboratory equipment continues. «In addition, the continuous search for new components, cutting-edge design systems and software, and up-to-date laboratory equipment allows us to maintain our place in the market and gain positions and new customers».

Supply chain and global competition

The structural weaknesses of the global supply chain represent one of the most complex challenges for the entire electronics sector.

Between geopolitical tensions and logistical problems, component availability remains critical. «Economic crises, geopolitical crises, logistical problems, and wars are progressively generating a domino effect on the market, with increasing-

ly long lead times and reduced availability across many product lines, especially for discrete SMD components intended for the industrial and automotive sectors». Added to this is a growing rigidity in the management of production priorities by large component manufacturers. «At the same time, all leading manufacturers are facing pressure on lead times and stricter backlog management,

with realignments of fulfillment priorities. The result of all these factors is that we are seeing a general increase in delivery times of up to 8-12 months, accompanied by a reduction in scheduling flexibility».

In response to this scenario, P.G.A. has implemented a structured risk mitigation plan based on strategic stockpiling, constant monitoring of the supply chain, and technical collaboration with customers.

«To ensure operational continuity and protect our customers' production schedules, P.G.A. has activated an extraordinary mitigation and management plan: advance purchase of strategic stocks with the aim of ensuring availability and positioning ourselves among the leaders in component availability; technical cross-matching of codes with equivalents that are already qualified and/or to be qualified; constant monitoring of the global supply chain, with periodic updates on lead times and available allocations; dedicated technical support for the validation of equivalents (fit/form/function) and management of compliance documentation; collaboration with customers, increasingly indispensable in this geopolitical landscape, to ensure effective and priority planning of supplies».

AI enters the scene

Artificial intelligence is also taking on an increasingly central role, both in design and manufacturing. «As is our custom, we approach

new developments with determination and resolve. In this regard, too, with regard to the use of AI, we have strived to exploit its potential in the best possible way, both in design and manufacturing».

Once again, the internally developed IoT system has proven to be a key technological enabler. «Specifically, P.G.A.'s IoT system has allowed us to develop projects, giving us feedback that is highly appreciated by our customers, and at the same time, allowing us to reach new customers who are attracted by the service and product we offer».

Looking to the future, competition with low-cost manufacturers remains one of the main challenges, especially in the European market. «We believe that the main challenge for the sector in which we operate is the strong presence of manufacturers operating in low-cost countries in our main European market, which is why we are strengthening our design department to develop new solutions».

It is precisely in its ability to design, customize, and listen to customers that P.G.A. identifies its competitive advantage. «Starting from the assumption that in order to compete with manufacturers operating in low-cost countries, it is necessary to develop new solutions, we at P.G.A. see a great advantage in our knowledge, flexibility, and ability to listen to customer needs, with a view to increasing our presence and turnover».

L'ELETTRONICA GIOCA DI ANTICIPO

Fondata nel 1995 nel distretto industriale di Fabriano e parte del Gruppo Sabaf dal 2022, P.G.A. si è affermata come realtà di riferimento nella progettazione, prototipazione e produzione di circuiti elettronici ad alta affidabilità. Dall'hardware al firmware, dal software ai test, fino ai servizi post-vendita e alla gestione dell'intero ciclo di vita del prodotto, l'azienda ha costruito il proprio posizionamento su qualità, flessibilità e innovazione continua, rappresentando il Made in Italy nel mondo delle schede elettroniche per elettrodomestici, motori elettrici, sensoristica e sistemi di controllo.

Nel 2026, il settore dell'elettronica si trova ad affrontare uno scenario segnato da trasformazioni rapide e da un'elevata instabilità geopolitica ed economica. Il bilancio dell'ultimo anno, per P.G.A., restituisce però una lettura chiara delle scelte compiute. «L'anno appena passato ci ha confermato che le scelte strategiche fatte dalla P.G.A. si sono rivelate vincenti – afferma Paolo Cennamo, Chief Executive Officer di P.G.A. Sabaf Group -. In un settore sempre più competitivo e difficile come il nostro, crisi economiche, crisi geopolitiche e conseguenti problemi logistici e di approvvigionamento, hanno causato non pochi problemi di obsolescenza e rapido turnover». Dal punto di vista del mercato, soprattutto consumer, emerge con forza la richiesta di soluzioni sempre più personalizzate. La stagnazione dei mercati europei tradizionali ha spinto molte aziende ad ampliare lo sguardo verso nuove aree geografiche e nuovi requisiti tecnici. «Analizzando il mercato, invece, dal lato consumer, si è definita sempre più la necessità di una diversificazione e personalizzazione, a volte "estrema", pur di prendere una fetta di mercato. Lo stallo dei mercati europei e, in generale, noti fin'ora, ha portato ad ampliare la ricerca a nuovi mercati e, quindi, nuovi requisiti e nuove specifiche da rispettare. Molti progetti sono stati attivati in quest'ottica e crediamo che potranno diventare dei business importanti per il futuro».



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MP Gas Controls S.p.A.

Via Nazario 2 - 25055 Poggio (BS)
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Tel. +90 212 672 99 33
Web: <https://www.okida.com>

Founded in 1987, it is a leader in the design, production and sale of timers for ovens and electronic controls for ovens, hoods, hobs, vacuum cleaners, refrigerators and freezers and active also in automotive and medical sectors. Okida has production sites in Erenyurt, in the European area of Istanbul and Manisa, with about 200 employees, of which 40 are engineers from the Research and Development department. Okida has a diversified portfolio of local and foreign customers with whom it has established long-term business relationships. The capacity for internal development and innovation and the strong propensity for customization based on customer specifications makes Okida an important partner on the international scene.

Since 2019 it has been part of the **Sabaf** Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, Mexico, USA and China. The same Group includes **SABAF** S.p.a. (gas valves, gas thermostats and gas burners for household appliances, induction hobs components), **A.R.C. S.r.l.** (burners for professional cooking), **C.M.I. S.r.l.**, **Faringos Hinges S.r.l.** and **Manfield Engineered Components (Hinges)**, **P.G.A. S.r.l.** (electronic components).

Fondata nel 1987, è leader nella progettazione, produzione e vendita di timer per forni e controlli elettronici per forni, cappe, piani cottura, aspirapolvere, frigoriferi e congelatori ed attiva anche nel settore automotive e medicale. Okida, con siti produttivi a Erenyurt, nell'area europea di Istanbul e a Manisa, conta circa 200 dipendenti di cui 40 sono gli ingegneri del dipartimento di Ricerca e Sviluppo. Okida ha un portafoglio diversificato tra clienti locali ed esteri con i quali ha stabilito rapporti commerciali di lungo termine. La capacità di sviluppo ed innovazione interna e la fortissima propensione alla customizzazione in base alle specifiche dei clienti rende Okida un partner di rilievo nel panorama internazionale.

Dal 2019 è entrata a far parte del Gruppo **Sabaf**, multinazionale italiana leader nella produzione di componenti per elettrodomestici con sedi in Italia, Polonia, Turchia, Brasile, India, Messico, USA e Cina. Dello stesso Gruppo fanno parte **SABAF** S.p.a. (rubinetti, termostati e bruciatori a gas per elettrodomestici, componenti per piani induzione), **A.R.C. S.r.l.** (bruciatori per la cottura professionale), **C.M.I. S.r.l.**, **Faringos Hinges S.r.l.** e **Manfield Engineered Components (cerniere)**, **P.G.A. S.r.l.** (componentistica elettronica).



P.G.A. S.p.A.

Via Bruno Buzzati 22/C - 60044 Fabriano (AN) - Italy
Tel. +39 073242999
E-mail: pga@pga-electronics.com
Web: <https://www.pga-electronics.com>

Founded in 1995 P.G.A. has made its way in the world of electronic-circuit design and prototyping by anticipating customers' needs and investing in technology and innovation. The introduction of the world's first capacitive keyboard, thanks to the revolution dictated by the SMT (Surface Mount Technology) system, was one of the turning points. P.G.A. continuously invests in research and development consolidating over time their market acknowledged leadership and adopting the **push-technology innovation** paradigm as a fundamental reference value, constantly pursued through all business processes with creative will and technological power. Since 2022 it has been part of the **Sabaf** Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, Mexico, USA and China. The same Group includes **SABAF** S.p.a. (gas valves, gas thermostats and gas burners for household appliances, induction hobs components), **A.R.C. S.r.l.** (burners for professional cooking), **C.M.I. S.r.l.**, **Faringos Hinges S.r.l.** and **Manfield Engineered Components (Hinges)** and **Okida** (electronic components).

Fondata nel 1995 P.G.A. si è fatta largo nel mondo della progettazione e prototipazione di circuiti elettronici anticipando i bisogni del mercato e investendo in tecnologia e innovazione. L'introduzione della prima tastiera capacitiva a livello mondiale, grazie alla rivoluzione dettata dal sistema SMT (Surface Mount Technology) è stata uno dei punti di svolta.

P.G.A. investe continuamente in Ricerca e Sviluppo consolidando nel tempo la posizione di leadership riconosciutagli dal mercato e considerando il **paradigma push technology innovation** come valore di riferimento fondamentale e perseguibile costantemente mediante tutti i processi aziendali con volontà creativa e potenza tecnologica.

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Sede: Via G. Di Vittorio, 7 - Mag: Via Masè, 2 - 16/A
40017 Anzola Dell'Emilia (BO)
Tel. +39 051734588 (2L.) - Fax +39 051735167
E-mail: info@nuovasca.com
Web: www.nuovasca.com

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Oxyweld S.r.l.

Via Mezzomonte 20, - 33077 Sacle (PN), ITALY
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Web: www.oweld.com

Oxyweld, with its Oweld brand headquarters in Sacle, Italy. Since 1981 the company is specialized in the production and export of oxyhydrogen gas generators for brazing. These eco-friendly technologies turn water into oxygen and hydrogen and the gas is used for copper, steel, brass, aluminum pipe brazing, in HVACR industry. The technology eliminates the traditional gas cylinders (i.e. oxy acetylene, oxy propane...) which are expensive and dangerous and improve the quality of the joints. With more than 8000 worldwide installations, supplies all the major manufacturers.

For info or live demos:
sales@oweld.com - www.oweld.com

Oxyweld, con il suo marchio Oweld è un'azienda di Sacle che dal 1981 produce ed esporta in tutto il mondo generatori di gas per la saldabrazatura. Questi macchinari ecologici convertono l'acqua in idrogeno ed ossigeno ed il gas attenuato viene impiegato per la saldabrazatura dei tubi di rame, acciaio, alluminio, ottone nel settore HVACR. Grazie a questo sistema è possibile eliminare le tradizionali bombole (es. ossigeno-acetilene, ossigeno-propano, etc.) che sono costose e pericolose ed incrementare la qualità delle giunzioni.

Con più di 8000 installazioni nel mondo, l'azienda fornisce i principali costruttori del settore.

Per maggiori info ed una dimostrazione:
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burners
bruciatori



A.R.C. S.r.l.

Via Arzari 6 - 35011 Campodarsego PD - Italy
Tel. +39 049 5565982
Web: <http://www.aro-gas.it>

Since 1981 ARC has been manufacturing gas burners for professional kitchens, including their components and accessories. Years of research and development and new products have consolidated the leadership of the company, a quality recognized by the sector and by the reference partners. ARC has always been careful in the choice of raw materials of the highest quality, and scrupulous in using technologically advanced machinery, in order to always guarantee a level of quality, safety and performance at the height of its customers and its reputation.

Since 2016 It has been part of the Sabaf Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, USA, Mexico and China. The same Group includes Sabaf S.p.a. (gas valves, gas thermostats and gas burners for household appliances, induction hob components), CMI S.r.l., Faringsi Hinges S.r.l. and Mansfield Engineered Components (hinges), Okida and P.G.A. S.r.l. (electronic components).

Dal 1981 ARC produce bruciatori a gas per cucine professionali, compresi i loro componenti ed accessori. Anni di ricerca e sviluppo e di nuovi prodotti, hanno consolidato la leadership dell'azienda, qualità riconosciuta dal settore e dai partner di riferimento.

ARC è da sempre attenta nella scelta di materie prime di altissima qualità, e scrupolosa nell'utilizzare macchinari tecnologicamente all'avanguardia, per poter garantire sempre un livello di qualità, sicurezza e prestazioni all'altezza della propria clientela e della propria fama.

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Flam Gas S.r.l.

Executive Offices: Via G. Mazzini, 81/a
33080 Fiume Veneto (PN) - Italy
Building A1: Via A. Malignani, 74
33080 Fiume Veneto (PN) - Italy
Building A2: Via A. Malignani, 18/a
33080 Fiume Veneto (PN) - Italy
Building A3: Via A. Malignani, 18/b
33080 Fiume Veneto (PN) - Italy
Tel. +39 0434959122 - Fax +39 0434959559
E-mail: info@flamgas.com
Web: www.flamgas.com

Since 1966 Flam Gas designs, projects and manufacture gas burners for household and catering equipment purpose. Flam Gas is then able to follow the customer a complete study, design, development, testing and entry into production of a finished product. Today can offer more than 900 different burners to be applied for many different purposes made of aluminized iron, stainless steel or other materials.



SABAF S.p.a.

Via dei Carpi 1 - 25025 Ospitaletto BS - Italy
Tel. +39 030 6843011
Web: <http://www.sabafgroup.com/>

Founded in the early 1950s, Sabaf has grown steadily to become today, through the Group of the same name, the main producer in Italy and one of the first in the world of components for domestic appliances.

The Sabaf Group, listed on Milan stock exchange, now employs over 1.800 employees and is active with the group leader Sabaf S.p.a. and with Sabaf branches in Italy, Brazil, Turkey, India, Mexico and China (taps, gas thermostats and domestic burners and induction cooking components), with A.R.C. S.r.l. (burners for professional cooking), with Faringsi Hinges S.r.l., C.M.I. S.r.l. and Mansfield Engineered Components (hinges for ovens, washing machines and dishwashers), with Okida and P.G.A. S.r.l. (electronic components for household appliances).

The technological know-how, production flexibility and the ability to offer a wide range of components - also designed according to the needs of individual customers, and in line with the specific characteristics of the reference markets - represent fundamental strengths of the Group in a highly specialized sector in which demand is constantly evolving and increasingly oriented towards products that guarantee absolute reliability and safety.

Fondata nei primi anni '50, Sabaf è cresciuta costantemente fino a divenire oggi, tramite il Gruppo omonimo, il principale produttore in Italia e uno tra i primi produttori mondiali di componenti per apparecchi domestici.

Il Gruppo Sabaf, quotato alla Borsa di Milano, impiega oggi oltre 1.800 dipendenti ed è attivo con la capogruppo Sabaf S.p.a. e con le controllate Sabaf in Italia, Brasile, Turchia, India, Messico e Cina (rubinetti, termostati gas e bruciatori domestici e componenti per la cottura induzione), con A.R.C. S.r.l. (bruciatori per la cottura professionale), con Faringsi Hinges S.r.l., C.M.I. S.r.l. e Mansfield Engineered Components (cerniere per forni, lavatrici e lavastoviglie), con Okida e P.G.A. S.r.l. (componentistica elettronica per elettrodomestici).

Il know-how tecnologico, la flessibilità produttiva e la capacità di offrire una vasta gamma di componenti - progettati anche in base alle necessità dei singoli clienti, ed in linea con le specifiche caratteristiche dei mercati di riferimento rappresentano fondamentali punti di forza del Gruppo in un settore a forte specializzazione in cui la domanda è in continua evoluzione e sempre più orientata verso prodotti che garantiscono assoluta affidabilità e sicurezza.



REDIC S.r.l. - Resistenze Elettriche Corazzate

Via Don Lorenzo Milani, 5 - 20025 Legnano (MI) - Italia
Tel. (+39) 029623320 - Fax (+39) 029625502
E-mail: marketing@redic.it; commerciale@redic.it
Web: www.redic.it

From driers to forced air circulation applications, and from antifreeze to anticondensation systems and industrial boilers and electroplating baths—you should choose each type of electrical resistances based not just on the temperature you need to reach, but also on the basis of physical and chemical compatibility with the fluid to be treated, whether it be air, gas, public water, demineralized water, oils, hydrocarbons, or chemical solutions with a precise composition, acidity or alkalinity. That is why Redic offers a wide range of products, spanning from "common" metal heaters—such as carbon steel, stainless steel (AISI304, 321, 316), copper, titanium and Incoloy—and heaters specifically for the chemical and galvanic treatment sector with casings made of pyrex, porcelain, carbon, teflon, etc. (for the tank edge or to be completely immersed in the center of the tank), monotubes with removable and replaceable thermal cores, which solves the costly problem of having to empty the tanks when replacing the heater. The traditional care and reliability of Redic's Made in Italy product has made our company famous among our customers, who now consider us an irreplaceable partner rather than a simple "supplier".



UNIVAL S.r.l.

Via Meinone, 56/P - 25065 Lumezzane (BS) Italy
Tel. +39 030 826164 - Fax +39 030 8259771
E-mail: info@unival.it
Web: www.unival.it

UNIVAL SRL is considered one of the biggest Italian components' manufacturer of electric water heaters, having its core business in safety valves. The story of the company began in 1960 with Sala family, who was able to imagine a complete solution for its production range with the aim of being identified as the right choice in unifying supply chain. Starting from the manufacturing of brass safety valves, UNIVAL GROUP has proposed itself as worldwide leader, being able to extend its production to heating elements in different materials and thermostats in order to satisfy different needs on the international market with great flexibility, mainly targeting electric water heaters factories. Decades of tradition and experience combined with technologies and innovation, allowed to offer customized heating solutions for professional applications, domestic and industrial sectors in which the feature MADE IN ITALY has been recognized all over the world as a high standard guarantee, performing results and quality.

hinges cerniere



C.M.I. Cerniere Meccaniche Industriali S.r.l.

Via 2 Agosto 1980 1/d - Crespellano 40053 - BO - Italy
Tel. +39 051 6713411
Web: http://www.cmi-hinges.com

C.M.I. Srl based in Crespellano is a company specialized in the development and production of hinges for ovens, dishwashers and washing machines, made by combining design, innovation and high technology.

The company, founded in 1988, is today a point of reference in the sector thanks to both the ability to innovate and to provide its customers not only with a product but also and above all a top-level service such as to make CMI a strategic "360 degrees" partner and not just a supplier.

To respond in a competitive way to the critical success factors that characterize the competitive context in which it operates, CMI has invested over the years not only in automation but also, and above all, in internal production planning processes and more generally in the global supply chain.

Since 2019 it has been part of the Sabaf Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, Mexico USA and China. The same Group includes Sabaf S.p.A. (gas valves, gas thermostats and gas burners for household appliances, induction hob components), A.R.C. S.r.l. (burners for professional cooking), Faringosi Hinges S.r.l. and Mansfield Engineered Components (hinges), Okida and P.G.A. S.r.l. (electronic components).

C.M.I. S.r.l. con sede a Crespellano è un'azienda specializzata nello sviluppo e produzione di cerniere per forni, lavastoviglie e lavatrici, realizzati combinando design, innovazione ed alta tecnologia.

L'azienda, fondata nel 1988, è oggi un punto di riferimento nel settore grazie sia alla capacità di innovazione e di fornire ai propri clienti non solo un prodotto ma anche e soprattutto un servizio di primo livello tale da rendere la CMI un partner strategico a 360 gradi e non un semplice fornitore.

Per rispondere in modo competitivo ai fattori critici di successo che caratterizzano il contesto competitivo in cui opera CMI ha investito nel corso degli anni non solo in automazione ma anche, e soprattutto, nei processi interni di pianificazione della produzione e più in generale della supply chain globale.

Dal 2019 è entrata a far parte del Gruppo Sabaf, multinazionale italiana leader nella produzione di componenti per elettrodomestici con sedi in Italia, Polonia, Turchia, Brasile, India, Messico, USA e Cina. Dello stesso Gruppo fanno parte Sabaf S.p.A. (rubinetti, termostati e bruciatori a gas per elettrodomestici, componenti per piani induzione), ARC S.r.l. (bruciatori per la cottura professionale), Faringosi Hinges S.r.l. e Mansfield Engineered Components (cerniere), Okida e P.G.A. S.r.l. (componentistica elettronica).



Zoppas Industries

Heating Element Technologies

Via Padgora 26 - 31029 Vittorio Veneto (TV) Italy
Tel. +39 0438 9101
E-mail: marketing@zoppas.com
Web: www.zoppasindustries.com

Zoppas Industries Heating Element Technologies (ZHET), an Italian company with a six-decade legacy, specializes in the creation of intelligent electric heating solutions that contribute to sustainable environmental development. With a global presence boasting over 8000 employees and 15 production sites across Europe, America, and Asia, ZHET plays a pivotal role in various application areas that permeate daily life. These applications span from coffee machines and electric cars to satellites, forming an integral part of both household and industrial settings. ZHET is acknowledged by its clientele as a strategic partner in developing optimized heating solutions. This recognition stems from the company's robust technical expertise, cultivated through experience across multiple sectors, and a comprehensive technology portfolio. ZHET's commitment to innovation aligns with its role as a reliable and forward-thinking collaborator in the pursuit of heating solutions tailored to meet the specific needs of its clients.

Zoppas Industries Heating Element Technologies (ZHET), azienda italiana con sessant'anni di storia ed esperienza, è specializzata nella progettazione e produzione di soluzioni di riscaldamento elettrico intelligenti che contribuiscono allo sviluppo sostenibile dell'ambiente. Con una presenza globale che vanta oltre 8000 dipendenti nel mondo e 15 siti produttivi in Europa, America e Asia, ZHET svolge un ruolo cruciale in diverse aree di applicazione che permeano la vita quotidiana. Queste applicazioni spaziano dalle macchine da caffè alle auto elettriche ai satelliti, costituendo una parte integrante sia degli ambienti domestici che industriali. ZHET è riconosciuta dalla clientela come un partner strategico nello sviluppo di soluzioni di riscaldamento ottimizzate. Questo riconoscimento deriva dalla robusta competenza tecnica dell'azienda, coltivata attraverso l'esperienza in vari settori e un ampio portafoglio tecnologico. L'impegno costante di ZHET all'innovazione si allinea al suo ruolo di partner affidabile e lungimirante nella ricerca di soluzioni di riscaldamento progettate per soddisfare le specifiche esigenze dei suoi clienti.



Thermowatt S.p.A.

Via San Giovanni Battista, 21 - 60011 Arcevia (AN) - Italy
Tel. +39 07319881 - Fax +39 0731988267
E-mail: info@thermowatt.com
Web: www.thermowatt.com

THERMOWATT, founded in '50s, is the Italian worldwide leading manufacturer of copper heating elements and thermostats. THERMOWATT is specialised in producing heating elements for electric water heaters, washing and drying machines, dishwashers, ovens and all household and professional appliances. THERMOWATT produces mono and three-phase heating elements in copper, stainless steel, special alloysteel (chrome and nickel) and titanium, customized according to Client's needs. Furthermore, thanks to the capability and skills of its controlled company Thermowatt Professional (DHE), Thermowatt is also able to offer to its Clients an extended range of customized heating solutions for industrial and professional applications. THERMOWATT is certified by the major international standards: ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. Quality Certification Marks: IMQ, VDE, UL, BEAB, WRAS, EAC. With an annual production of more than 40 million pieces overall, THERMOWATT is the ideal partner of more than 500 customers in more than 100 countries.





Faringosi-Hinges s.r.l.

Via de Gasperi 92 - 20008 Boreggio - MI - Italy
Tel. +39 02 80279411
Web: <http://www.faringosi-hinges.it>

For over 70 years Faringosi has been studying and manufacturing hinges for reliable, high-performance and high-quality appliances to meet the increasingly varied and demanding requests of the world market. The products are developed by the R&D department, using the accumulated know-how and the most advanced technologies, sometimes also involving customers from the early stages of each project to better satisfy their expectations and needs.

Since 2000 it has been part of the **Sabaf** Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, Mexico USA and China. The same Group includes **SABAF** S.p.a. (gas valves, gas thermostats and gas burners for household appliances, induction hobs components), **A.R.C.** S.r.l. (burners for professional cooking), **CM** S.r.l. and **Mansfield Engineered Components** (hinges), **Okida** and **P.G.A. S.r.l.** (electronic components).

Da oltre 70 anni Faringosi studia e realizza cerniere per elettrodomestici affidabili, performanti e di alta qualità per rispondere alle sempre più varie ed esigenti richieste del mercato mondiale. I prodotti sono sviluppati, dal dipartimento di R&D, utilizzando il know-how accumulato e le tecnologie più avanzate, a volte coinvolgendo anche i clienti sin dalle prime fasi di ogni progetto per meglio soddisfare le loro aspettative e necessità.

*Dal 2000 è entrata a far parte del Gruppo **Sabaf**, multinazionale italiana leader nella produzione di componenti per elettrodomestici con sedi in Italia, Polonia, Turchia, Brasile, India, Messico, USA e Cina. Dello stesso Gruppo fanno parte **SABAF** S.p.a. (rubinetti, termostati e bruciatori a gas per elettrodomestici, componenti per piani induzione), **A.R.C. S.r.l.** (bruciatori per la cottura professionale), **CM S.r.l.**, e **Mansfield Engineered Components** (cerniere), **Okida** e **P.G.A. S.r.l.** (componentistica elettronica).*

MEC Mansfield Engineered Components

1776 Harrington Memorial Rd. Mansfield, OH 44903
Tel. 419.524.1300
E-mail: sales@mansfieldec.com
Web: www.mansfieldec.com

Mansfield Engineered Components is North America's premier source for appliance hinges, counterbalances, and motion control components. We design and produce a wide variety of custom closure mechanisms that range from simple hinge pivots to hydraulic counterbalancing systems that control motion, speed, and torque. Our reputation was built on listening to our customers and delivering unique design concepts and robust products that meet their demanding specifications and tight budgets.

MEC has supplied major appliance customers across the globe since 1939. In 2023 MEC joined the **Sabaf** Group, an Italian multinational leader in the production of components for household appliances with branches in Italy, Poland, Turkey, Brazil, India, Mexico and China. The same Group includes **SABAF** S.p.a. (gas valves, gas thermostats and gas burners for household appliances, induction hobs components), **A.R.C. S.r.l.** (burners for professional cooking), **CM S.r.l.** and **Faringosi S.r.l.** (hinges), **Okida** and **P.G.A. S.r.l.** (electronic components).

Mansfield Engineered Components è il principale fornitore del Nord America di cerniere per elettrodomestici, contrappesi e componenti per il controllo del movimento. Progetta e produce un'ampia varietà di meccanismi di chiusura personalizzati che vanno dai semplici punti delle cerniere ai sistemi di controbilanciamento idraulico che controllano il movimento, la velocità e la coppia. La nostra reputazione è stata costruita ascoltando i nostri clienti e facendo concetti di design unici e prodotti robusti che soddisfano le loro specifiche esigenze e i budget limitati.

MEC fornisce i principali clienti di elettrodomestici in tutto il mondo dal 1939.

*Dal 2023 fa parte del Gruppo **Sabaf**, multinazionale italiana leader nella produzione di componenti per elettrodomestici con sedi in Italia, Polonia, Turchia, Brasile, India, Messico, USA e Cina. Dello stesso Gruppo fanno parte **A.R.C. S.r.l.** (bruciatori per la cottura professionale), **CM S.r.l.**, **Faringosi Hinges S.r.l.** e **Mansfield Engineered Components** (cerniere), **Okida** e **P.G.A. S.r.l.** (componentistica elettronica).*

A. S.r.l. (componentistica elettronica).



Meccanica H7 S.r.l.

Via Mulvati ed invalidi del lavoro, 82 - 63100 Ascoli Piceno
Tel. +39 0736817060
E-mail: info@meccanica7.it
Web: www.meccanica7.it

Meccanica H7, since 1980, has been designing and building prototypes, serial produced machines, special machines and complete plants for any industrial applications. We work using flexible solutions, combining working centre machines, positioning systems, assembly units and robotic cells. Our organization and our achieved know-how allow us to supply reliable and technologically advanced products; with our continuous investments in research, we develop new ideas and innovative solutions for any industrial field. We have customers from all over the world and from a wide range of industrial fields: food, packaging, white goods, automotive, hydraulic and industrial hose, timing belts, wheel tyres, medical devices, automotive glass, corrugated and ceramic. We cover the complete production cycle: engineering, designing, manufacturing, assembly, testing, installation and assistance.