

Zoppas Industries

Industrial heating elements



CESI



RICA



ica UK

Industrial Division



RICA FRANCE



 HILZINGER

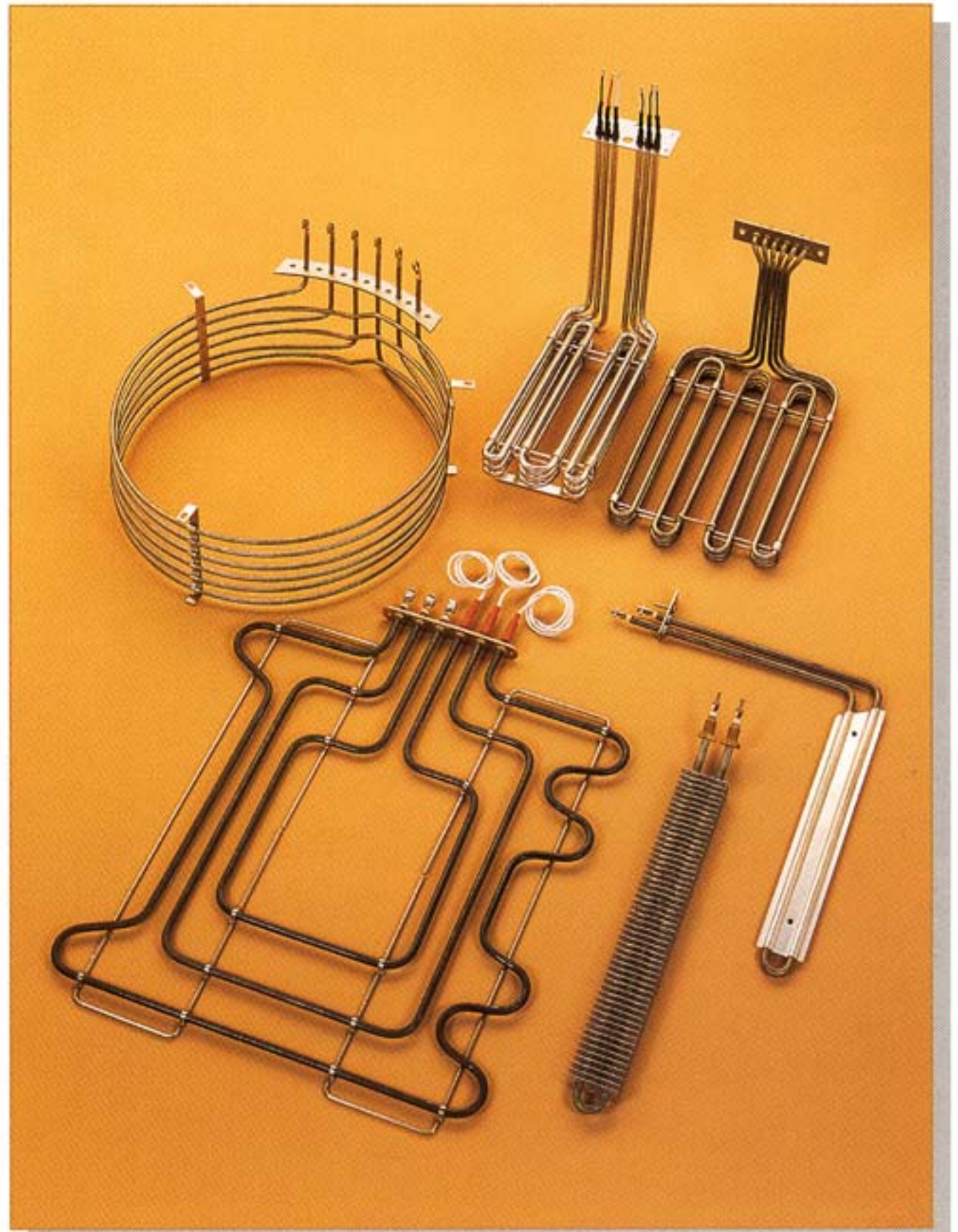


 ELTRA



The World of the Zoppas Industries dealing with the production of Heating elements and Systems for professional and industrial applications.

Machines with different characteristics and functions such as food conservation equipment and washing machines build up the "Catering Equipments World". For each application **Zoppas Industries** can offer a wide range of technical solutions allowing the most suitable choice in service, performance and competitiveness: tubular heaters, flat tube heaters, cartridges, etched foils, vulcanized defrosting heaters.



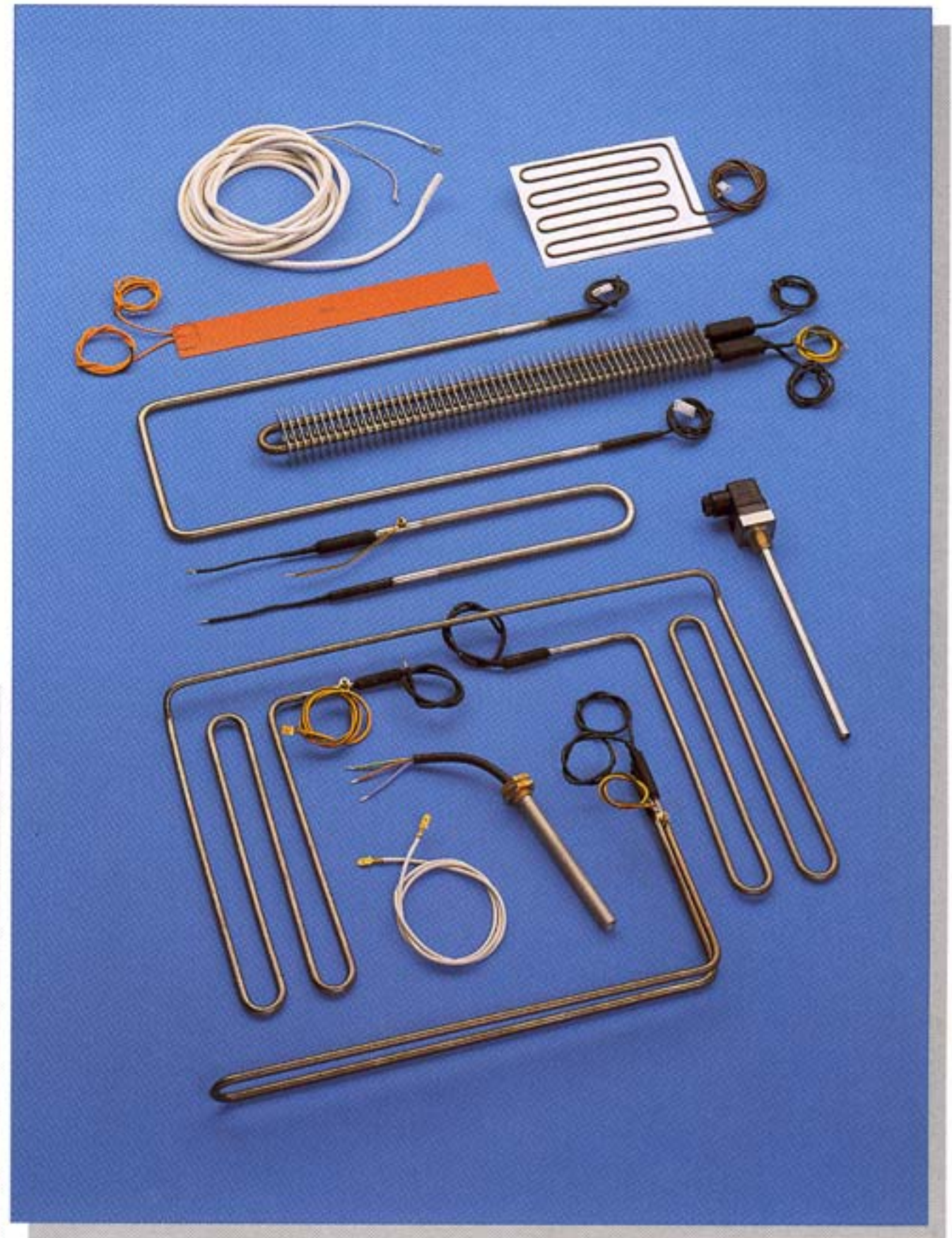
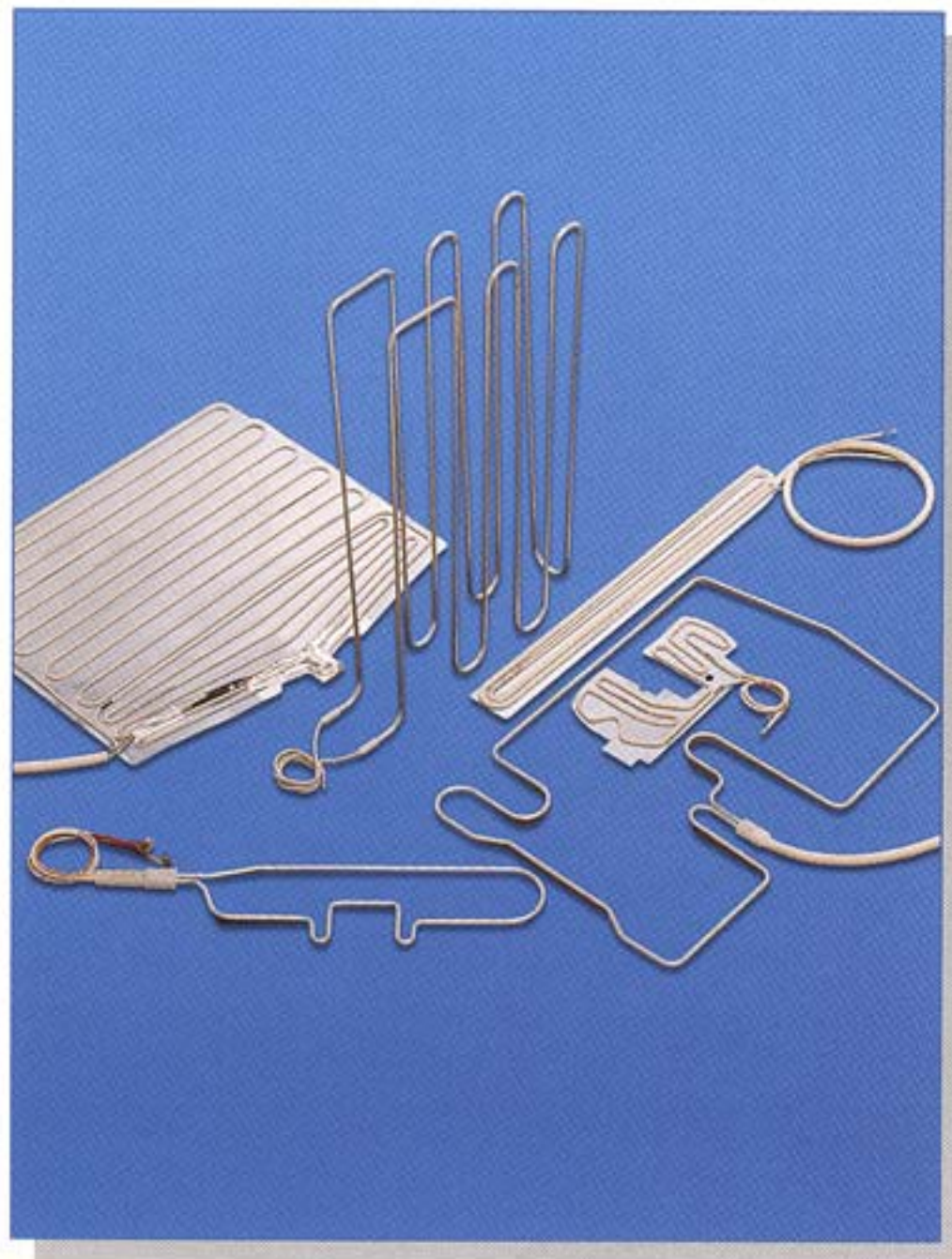
Due to the high automation level this production unit is the most suitable for medium and large batches. RICA guarantees with its products high performance standards covering all the European market.



In ELTRA we have concentrated the production of high performance flat tube heaters. The production unit is also focalized in the typical heaters for the German market and applications with high technological level.

The vulcanized tubular heaters are the most efficient and reliable solution in the defrosting of cooling coils or generally speaking in high humidity atmospheres.

The experience gained in this field, co-operating with the main constructors all over the world, carried out a wide range of solutions for every specific application problem. The suggested solutions are result of a continuous research on materials and processes.



All support for development and continuous improvement of product is available from RICA. Its quality laboratories guarantee and comply with the various Certification Bodies' requirements. The production plants use the most advanced technologies for this application sector.

The large experience in specific applications of the different factories allows the **Zoppas Industries Group** to solve the problems related to the different market applications. The Zoppas heating elements facilities satisfy all the market requirements with a technical support for each application solution, with the discussion of technical standard solutions and a special productive flexibility.



Mainly orientated to the OEM market, RICA can offer an excellent product with high performance, competitive prices and a high quality level due to its technical knowledge and product performances, achieved all over the European markets. In practice RICA is the best production unit considering quality and price. RICA is the leading supplier of heating elements for air conditioning, washing machines, packaging machines and temperature regulator devices for the plastics industry.



ELTRA satisfies the market needs with high performance products; furthermore it is very directed to whole small niches where the local support is appreciated and for non repetitive customers (one order and one drawing). ELTRA is specialized in industrial processes such as railway sector, textile industry, laboratory devices, printing machinery.

The Group offers the OEM Market the most comprehensive range of heating elements and systems, with peripheral equipment and moulds for the plastics industry. A wide knowledge of more than 20 years experience and presence in the market and the use of synergy of the Group, which is the main leader in the European market, allows RICA to satisfy any customer requirement with the most suitable solution, with high quality/performance and according to the European approvals.



RICA is focalized on OEM (injection/extrusion systems), end users and distribution (moulds/nozzles) market with a large range of cartridge heating elements differentiated by diameter, length, specific power and execution (ultrawatt and monotube cartridges). The technical service of RICA may supply, due to its great experience on application, suitable solutions on customer enquiries by optimizing at the same time quality and price relation.

RICA has combined its activities in the end user market to supply urgent customer's requirements with a large range of band heaters, cartridges and ring heaters.



UK Industrial Division

IRCA UK supplies the distribution and end user market with traditional and customized designed solutions combining a great product focalization with flexible production technics. The market is served both with conventional products of high specific power cartridges and ceramic bands or mica and with low density cartridges divided in a wide range of diameters. Also solutions of cast aluminium and control systems are available.



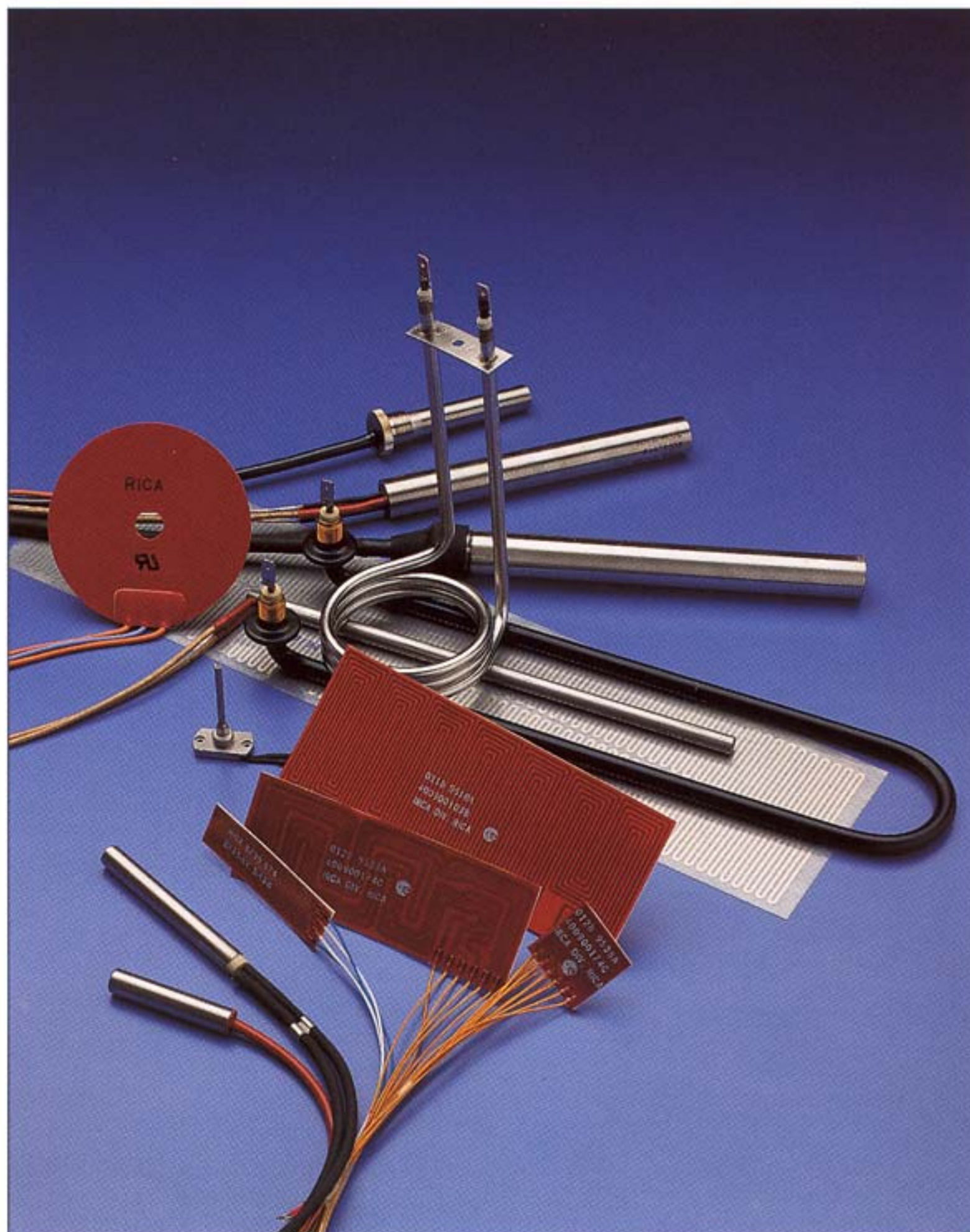
ELTRA offers mainly solutions on mould heating (ultrawatt cartridges), gaining the experience from the more sophisticated technologies developed on high temperature sectors and on more critical applications of industrial ones.

For many years the Group has been co-operating with the most prestigious European Agencies, working in the space-industry, in nuclear and medical sectors. **Zoppas Industries** stand out in the special applications thanks to the technical skill and to the technology and qualitative level achieved by every factory of the Group.

Together with the tubular solution, a new flat and flexible heater has been developed using etched foil technology.

Etched Foil heating elements incorporate revolutionary features: extra light weight and exceptional thinness, flexibility, possibility of heat concentration, shaping and assembly simplicity.

With these characteristics, Etched foil heaters can satisfy the widest range of applications.



Among RICA customers we include the most important European aerospace industry and other companies operating in the military and electro-medical sectors. We achieve these results thanks to the following key-factors:

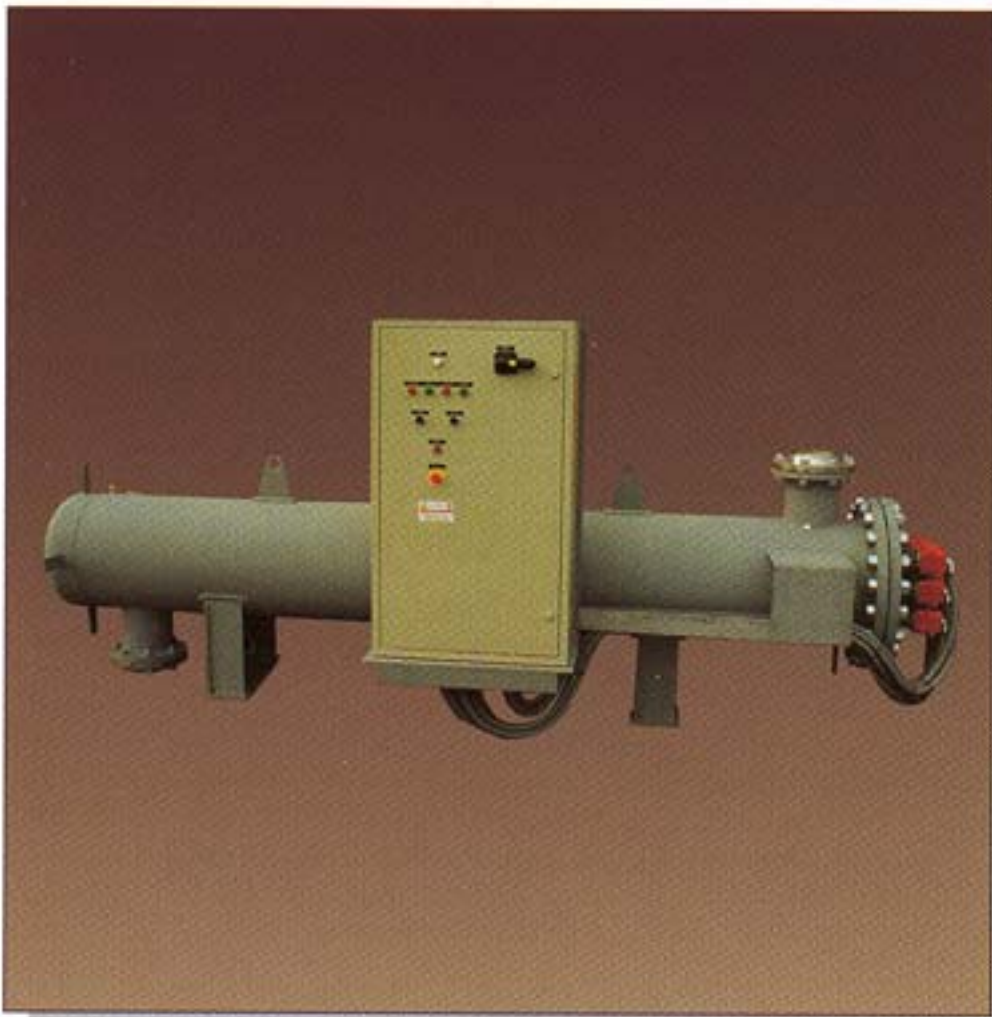
- high quality level
- technical skill
- Quality Assurance certificate awarded according to ISO 9001 and ESA, IMQ, UL and CESI
- Wide range of available technologies such as: etched foils, cartridges, tubular elements and heating systems.



In this specific branch ELTRA skill is similar to the RICA point of view concerning the market target and the different technologies, excluding the Etched Foils production. In fact the productive technologies used are: tubular heating elements, cartridges, flat tube heaters and Makroelements used for example in nuclear power plants.

Our large experience in specific applications allows **Zoppas Industries Group** to solve problems related to the heating of different fluids, which are used in industrial processes: air, gas, water, oil and other liquids.

Using its basic technologies together with problem solving and co-design with the customers, the factories of the Group regularly produce various assemblies.



Oriented to the European OEM market and Engineering Companies, RICA projects and develops, together with the customers, the following heating systems: EEx heaters and heat-exchangers, high power heaters, heating systems complete with control and systems for railway coaches. We use the different technologies available in RICA to produce the systems.



A production unit that represents RICA products in France with an efficient and local organization. Main targets are: immersion heaters, standard heaters available from stock, duct heaters for air conditioning and industrial processes in small and medium batches, with power capacity from 100W to 1MW and a delivery time between 1 to 2 weeks.

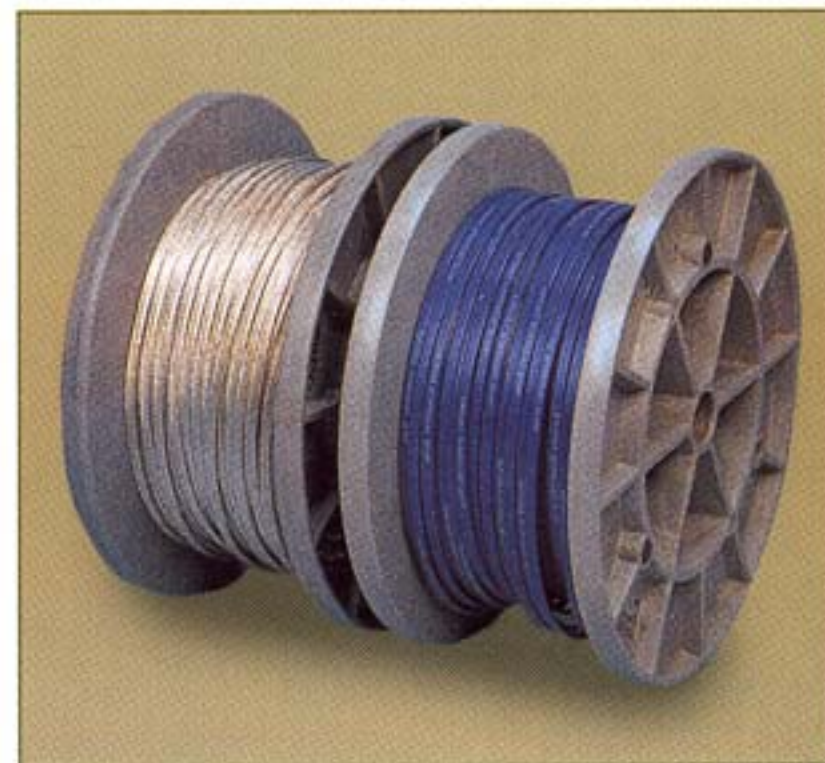
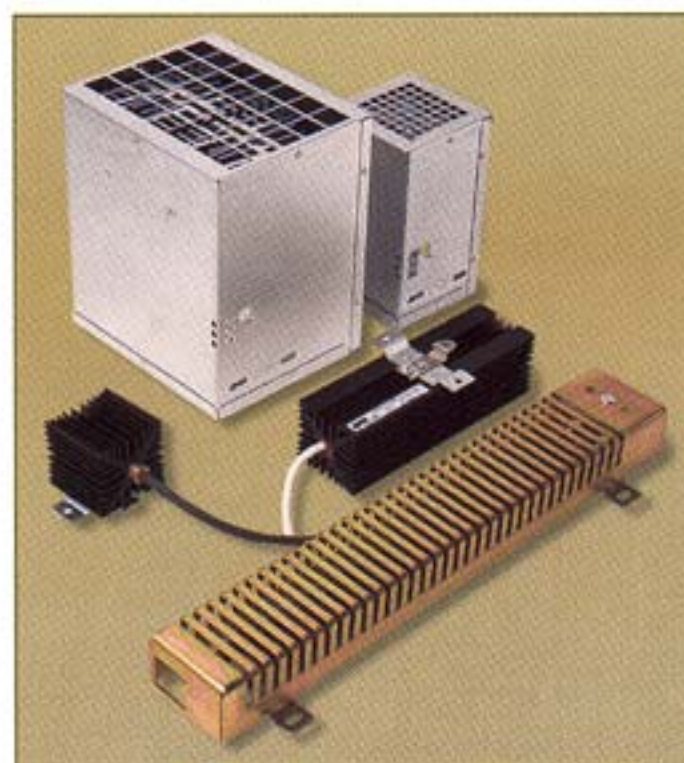
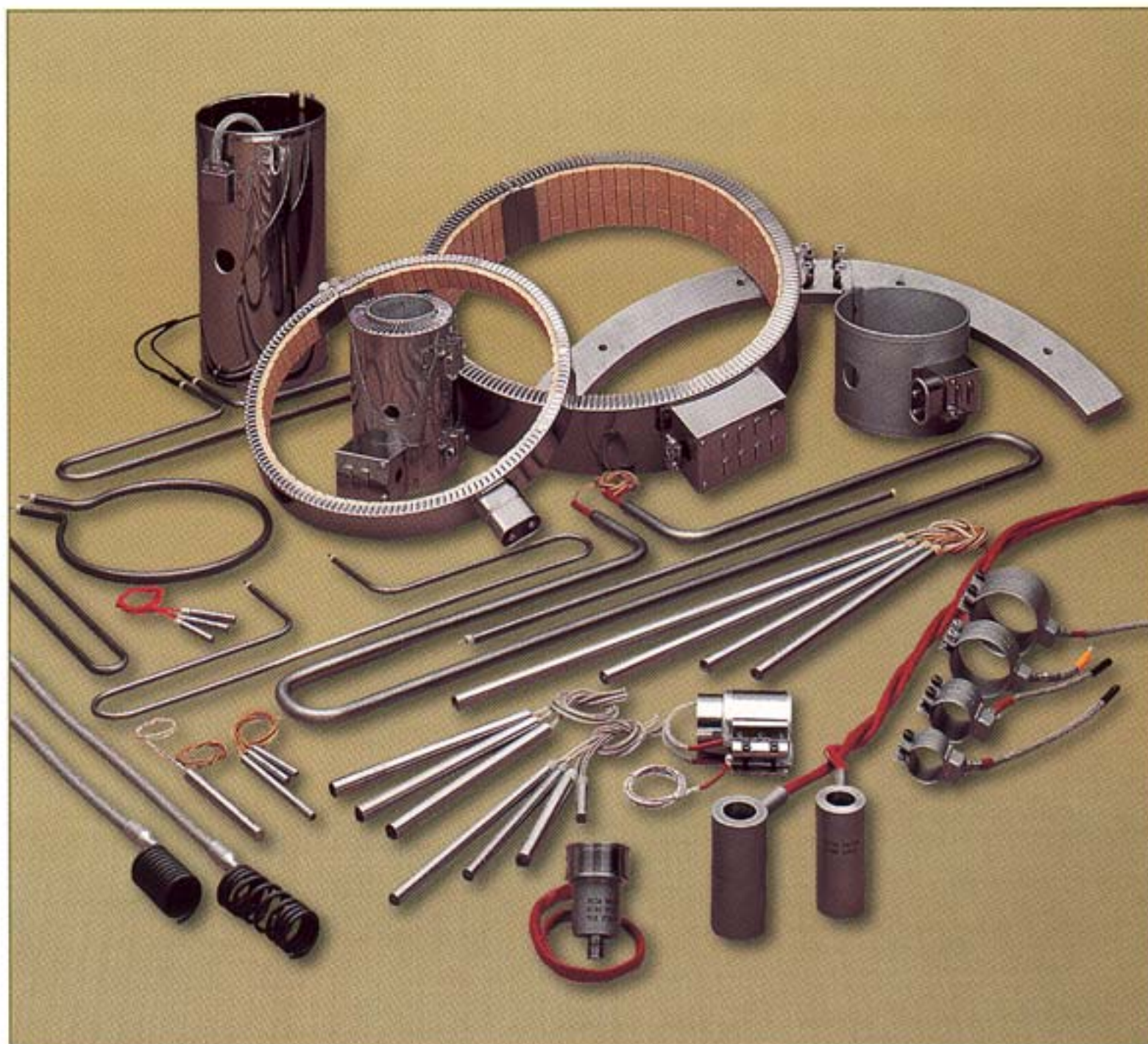


Especially focalized to the German OEM market, due to the technical and qualitative level, it provides the high performance products. Thanks to the technical knowledge and to the long time collaboration with its customers, HILZINGER is specialized in: double fluid exchangers, heat exchangers, TÜV approved, standard duct heaters and diesel engine pre-heaters for the European market. It supplies the European market with standardized products available from store, such as immersion heaters, oil immersion heaters and finned heaters.

DISTRIBUTION

The wide range of products, the developed technologies and our presence throughout the world, allows our Group to support a qualified service also to the end users market and maintenance operators.

The identification of standard technical solutions for some application requirements has allowed us to manage efficiently products on stock, supplying the market through a vast sales organization and with short delivery terms.



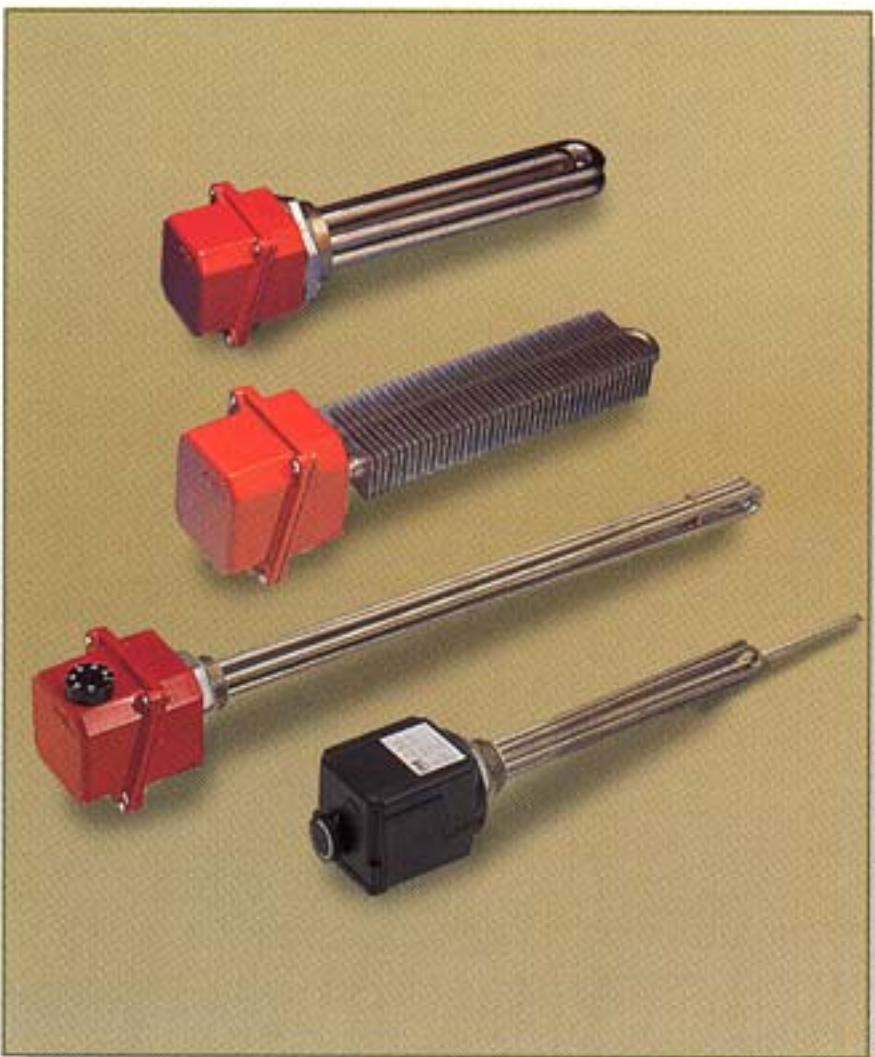
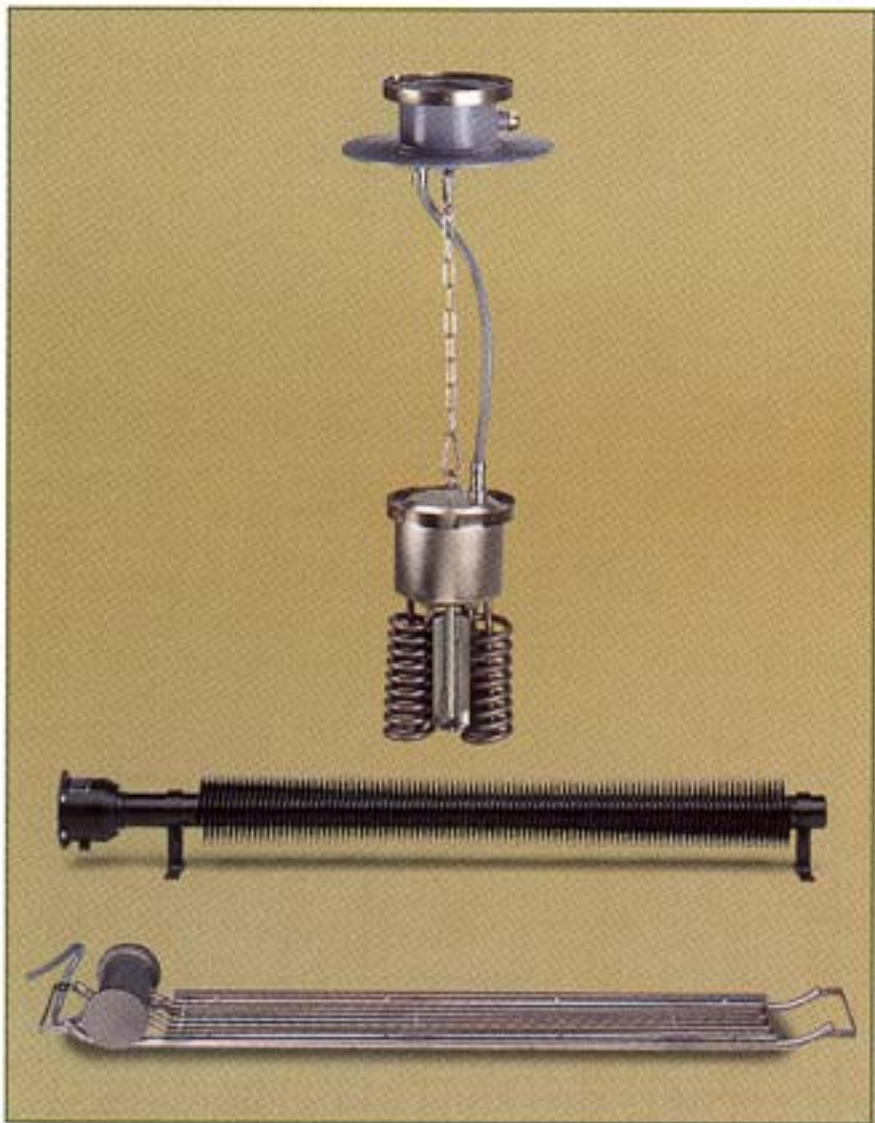
In IRCA the following products are available from stock: cables with automatic control control distributed in Italy, ceramics cupel, anticondensation - heaters.



UK

Industrial Division

IRCA UK offers the most comprehensive range of heating elements for the Plastics industry, standard products, nozzle band heaters available from stock. The production capacity focalized on small batches together with the possibility of a personalized service allows IRCA UK to be the leading supplier for any kind of spare parts.



RICA FRANCE

RICA FRANCE supplies the market with a wide range of standard products available from stock: cables, finned heating elements, immersion heaters, thermostats, special shaped tubular elements, air heating elements, anti-condensation heaters.

HILZINGER

Products available from stock and distributed through an efficient sales network are:

- oil-tank heaters,
- immersion heaters 1/2",
- finned heaters for conditioning (also EEx).