ID Partner

INDUCTION DEVELOPMENT PARTNER

ID Partner

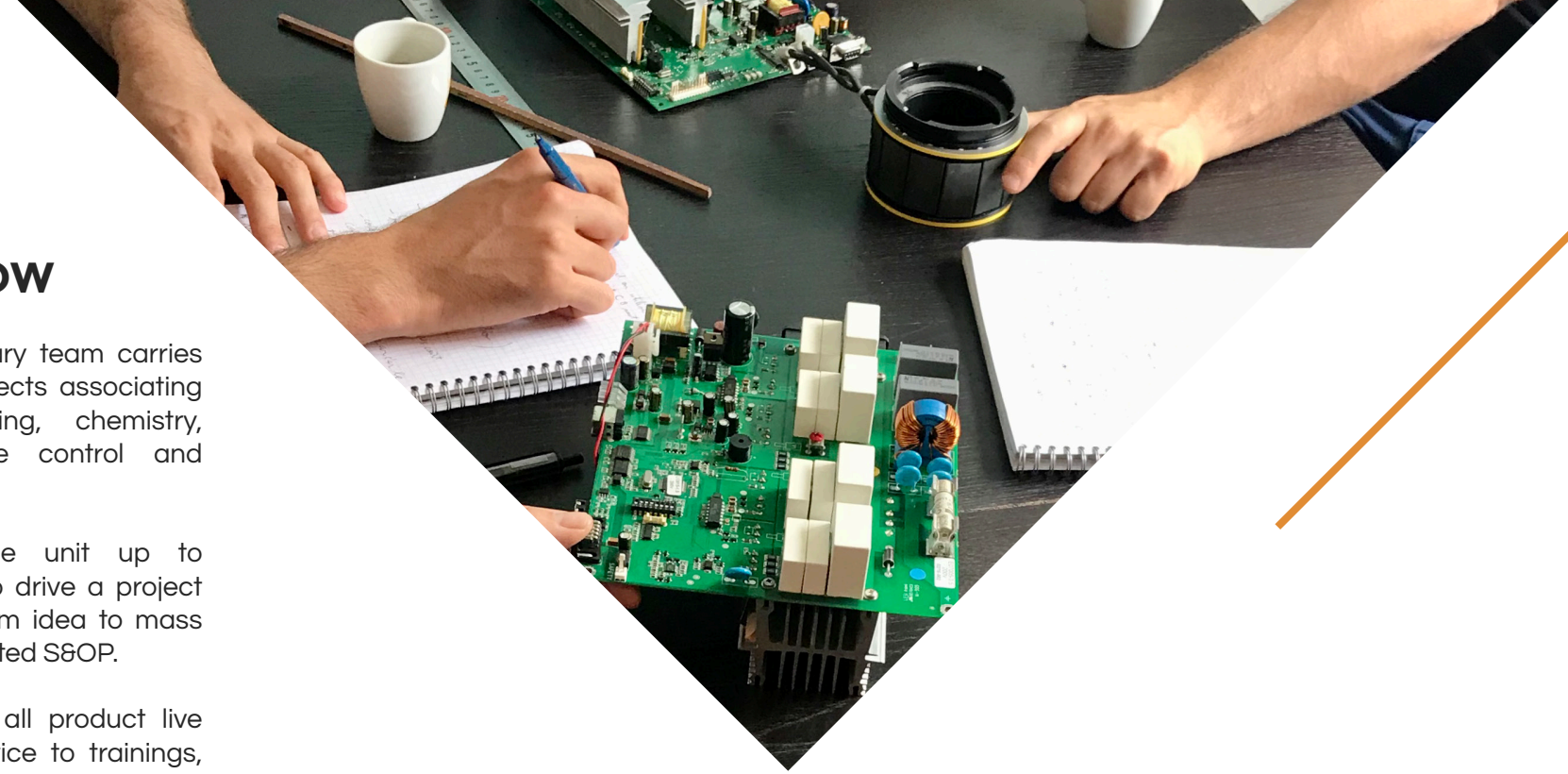
ID Partner, a company created in France in 2006 develops and produces electro-thermal equipment based on new technologies

Nestled in the Alps, our company has preserved the values of the people who live in our mountains and roam them. Hard-working, concerned about resources, we know how to think outside the box.

Teamwork sense: we trust young specialists that we train, with whom we share our experience and who bring us dynamism and new knowledge.

Responsibility: entirely French production, that privileges local suppliers and responds to European standards.

Energy Transition: we develop technologies for decarbonisation by searching for innovative solutions to obtain better performance.



OUR KNOW-HOW

Design: our multidisciplinary team carries out trans technology projects associating material science, heating, chemistry, automatism, temperature control and physics.

Manufacturing: from one unit up to thousands we are able to drive a project and design a product from idea to mass production with its associated S&OP.

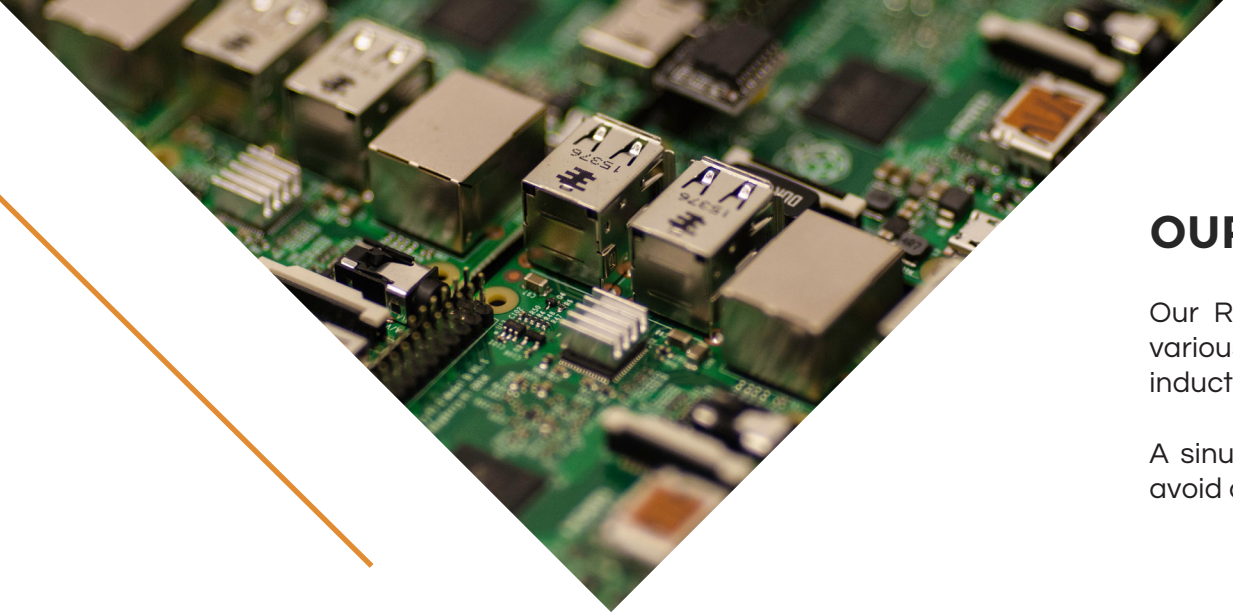
Services: support during all product live cycle, from pre-sales advice to trainings, commissioning and after sales service.

WHY WE ARE DIFFERENT

Each year companies who place their trust in us succeed in conquering new markets thanks to our induction heating technology.

Our customers highlight our capacity to co-develop and ensure the progress of the project until the desired result is obtained.

We give our best for the success of each of our clients.



OUR TECHNOLOGY

Our R²TC™ electronics allows our generator to operate for various applications and opens up new horizons for the use of induction where you never imagined it.

A sinus absorption of the mains current makes it possible to avoid an oversizing and guarantees an optimum use of energy.

Energy Saving

From 30% to 60 % of energy consumption reduction

Industrial Innovation

From 30% to 80% of ground footprint reduction

Production

Mass customisation

No maintenance

Climate Action

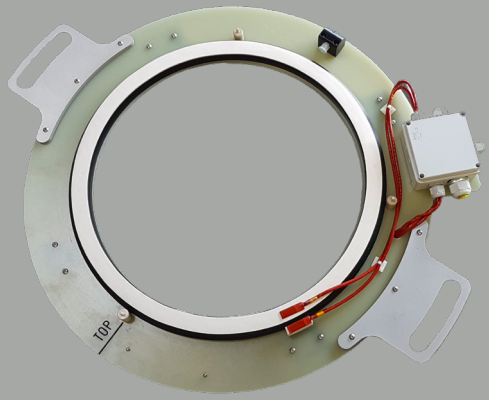
No CO2 emission

NEW TECHNOLOGY COILS

Full air-cooled systems

Very high yield up to 98% thanks to litz wire - no need for water - no risk of leaks - no maintenance.

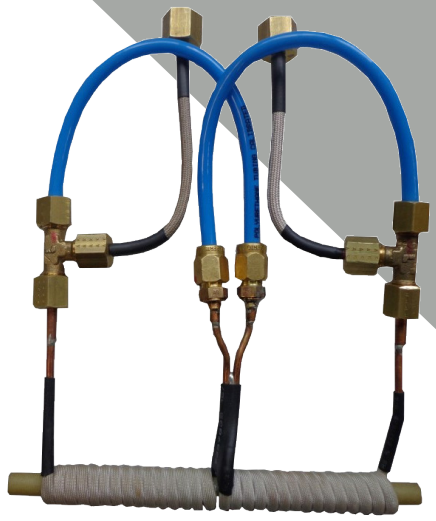
Flexible, rigid or semi-rigid coils - easy to handle and integrate into your machine.



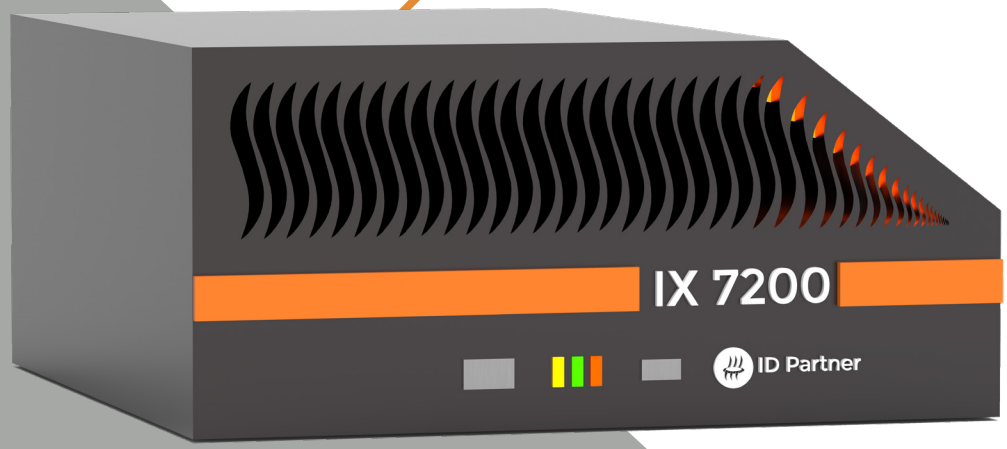
TRADITIONAL COILS

Water cooled systems

Very high temperature heating – localized heating of a few mm² - very strong magnetic field - high power density, several kW / cm².



ID Partner, your induction equipment supplier



YOU ARE A MANUFACTURER OF SERIAL PRODUCTS

Development and tailor-made solutions Application suitable for your machine and your need.

YOU ARE A SPECIAL PURPOSE MACHINE DESIGNER

Equipment that is easy to integrate, compact and light - Technical support.

YOU ARE AN INDUSTRIAL PRODUCER

Case studies and materials proposal adapted to your needs.

YOU ARE A DISTRIBUTOR

Universal, modular, communicative products with very large operating range of functions.

MARKETS Aeronautics Railway Automotive Cosmetics Food & beverage Packaging Labs and research center

NEW INDUCTION APPLICATIONS with litz technology and R²TC™

Glue, paint, resin
curing, pultrusion

Drying,
Cap and packaging sealing
Pasteurization

Stripping, Cracking of paints and glues, Shrink fitting, Relaxation of constraints, Maintenance

Ingredients melting
Heated rollers

Liquids heating, Dry steam
Industrial processes

TRADITIONAl INDUCTION APPLICATIONS

Quenching
Shrink fitting

Hot stamping
Forging, hot forming

Brazing
Annealing

Preheating before welding
Pipes stress relieving

Fusion

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