Saet Group

Businesses and Values
The company

A global leader in induction technology and applications

We are a leader in providing induction heating solutions.

We offer state-of-the-art machines to various customers ranging from automotive to wind energy.
The art of induction

**FAST**
Induction generates heat directly into the work-piece with no need to waste time for conduction and system thermal inertia. We are able to perform a contour hardening, by heating a gear heating up to 850° in less half a second. This means increase **efficiency** and improve throughput by reducing process times.

**PRECISE**
The right mix of frequency, power and inductor’s geometry can be designed to heat just a specific part of your work-piece in a fully automated, **stable** and software controlled way. This means obtaining the perfect thermal profile, the desired hardening or the right relieving, i.e. quality and **repeatability**.

**GREEN**
Efficient and fast: induction technology is the way to increase primary **energy saving** and hence reduce CO2 emissions in the atmosphere. Moreover compared with other thermo-chemical treatment, induction technology is **clean** and safe both for **people** and **environment**.
Half a century of innovation

- 1966: First billet heater
- 1968: First hardening machine
- 1986: First protective atmosphere hardening machine
- 1993: First slewing gear single shot hardening machine
- 1995: First gear profile hardening machine
- 1998: Induction Equipment India (IEI) and EMMEDI Tube & Pipe Induction solutions specialist, join Saet Group
- 2006: Inovalab, Italian R&D – Padova University spin-off, joins Saet Group
- 2008: ISE Thailand, incorporation of Commercial Heat Treat facility. First machine manufactured in Saet Shanghai plant
- 2009: EDMS, US press quenching specialist joins Saet Group. Saet Italy headquarters increase factory surface of 4000 sqm
- 2010: Launch of new I-POWER family series compensating power supplies Saet Solar product line implementation
- 2012: Saet Group rebranding and launch of the new identity

Saet Academy foundation
The company we are building

The Saet Group has a clear strategy based upon 3 main axis of development and on its core business: induction heating technology.
One technology many applications

Aerospace  Construction machinery  Automotive  Packaging  Electrotechnical  Oil

Wind energy  Photovoltaic  Mechanical  And much more...
### An international presence

#### Welcome to our world

<table>
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<tr>
<th>Country</th>
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<th>Office [m²]</th>
<th>Total [m²]</th>
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Our Companies

Through merging and acquisition Saet Group is made of several companies located around the world.

Founded 1966 in Leini, in the surroundings of Turin, it is today the Headquarters of the group, a **worldwide center of excellence in induction technology** and applications. With a surface of 14,000 m² and a highly skilled staff, Saet Italy designs, manufactures and tests machines for induction hardening, and heat treatment solutions tailored to the specific client needs.

Based in Rogersville (Tennessee) on a surface of over 3000 m², the American subsidiary EDMS joined the group in 2009. It is the group competence center for **press-quenching solutions** and it has the production capability to cover the full range of Saet machines for the American market.

With over **25 years of experience** in induction machines and commercial heat treatment, IEI is a fully verticalized subsidiary, that joined the group in 2007. The two plants located in Pune, with a surface of 2200 m², are dedicated to **machine manufacturing** and **commercial heat treat services**.

In operation since 2008, the 3500 m² plant located in the **Shanghai district**, ensures an **outstanding manufacturing organization** and a full integration of the machine development process with the Italian headquarters.
Lab of the future

“Innovation distinguishes between a leader and a follower”
Product Lines (I)

**Heat treat solutions family for hardening, tempering and annealing process.** 45 years of experience, more than 4000 machines installed all around the world.

One of the world leader in induction machine solutions.

**After a long market analysis Saet Group has decided to put its knowledge and expertise at the service of the solar business.**

With its breakthrough IDSS furnace dedicated to silicon ingot manufacturing, Saet Solar pioneers a new area of production solution.

**Tube & pipe specialist of the Saet Group.** The Emmedi line is the result of the acquisition of the Emmedi Company having very long history in induction welding and annealing.
To better serve heat treat service in new growing markets with a real induction specialist, Saet manufactures its own power supplies. Parallel or Series tuned, advanced technology to better serve the industry is our motto.

Epic line is the quench press family range, which perfectly match with our induction solutions to realise unrivaled production machines.

Saet Group equipments can only be served with proper support service. Spares, training, coil manufacturing, process support/ engineering and machine refurbishment are some of the services we offer worldwide.
A young staff

- <40 years old
- >40/<50 years old
- >50 years old
A skilled staff

- Ph.D or Engineer degree
- Bachelor Degree
- < bachelor degree
Shaping the future of induction

To us knowledge management and knowledge sharing are the guiding principles to enable our staff, clients, and suppliers to adopt the same language, improve our working methods, and enhance our network of know-how and skills.
Our values

- Flexibility
- Internationality
- Innovation
- Excellence
- Openness
- Courage
- Human touch
Our social commitment

To us social responsibility is a commitment. We work together and together we grow.