"The intelligent optimization of EOS guarantees the lowest possible grid load with continuously changing production. This makes our work much easier and consequently saves costs."

Massimo Pivetti,
Plant Manager at
CTB Trattamenti Termici S.r.l.

CTB Trattamenti Termici S.r.l., Nonantola (Italy)

CTB Trattamenti Termici has been active in the field of thermal and thermochemical treatments since 1981. Born out of the claim to be a competent partner for carrying out thermal processes on small components, the company has firmly positioned itself in a demanding reference market: limited tolerances on the thickness of hardening and superficial hardness, a perfect control of metallographic structures and dimensional variations, and a very high standard in terms of cleanliness and care in handling.

The initial goal was to unite deep-rooted skills and professionalism in the sector in a single structure, capable of handling extremely critical details with the utmost care and precision. Since then, all company policies have always been strongly focused on maintaining this peculiar connotation on the market. Highly targeted investments, continuous technological evolution and flexibility in the company organization have allowed us over the years to ensure the identity and specialization that were our initial goal. Thanks to a deep knowledge of the processes, we work daily to offer our customers a constructive, transparent and timely collaboration. We are proud to affirm that no service offered is outsourced, but all processes and treatments are rigorously planed, carried out and controlled by CTB at its headquarters in Nonantola through the know-how and technology present in the company.

Heat Technology is in Our Hands

With 8000 hrs/year of plants in production 24/7 and over 6500 orders/month processed, reducing and constantly monitoring energy costs and ensuring the high-quality requirements of components and treatments through reproducible processes was CTB's stated goal when we chose the dibalog EAS and EOS systems. Thanks to the dibalog systems, all energy-intensive processes are now dynamically coordinated with each other in order to reduce power peaks, minimize fluctuations in the grid and reduce energy requirements.
Born out of the claim to be a competent partner for carrying out thermal processes on small components, the company has firmly positioned itself in a demanding reference market. In 2019, the company commissioned the first dibalog system at Plant #1 in Nonantola. The system has proven to be extremely effective from the start, reducing power peaks by up to 40%. The dibalog systems have self-learning algorithms that automatically adjust the optimization of power demand to achieve the maximum savings in grid fees. Production continued with the usual quantity and quality, but with considerably lower costs, so much so that in 2021 we decided to implement the dibalog system at Plant #2 as well.

CTB Trattamenti Termici is synonymous with innovation and perfection in detail. That's why our company constantly continues to expand the monitoring and optimization on each new plant that is gradually inserted into production.

dibalog – Company- and Energy management Systems

With over 30 years of experience and more than 1,ooo installations worldwide in industry, canteen kitchens, bakeries and other industries, **dibalog** is a leader in technical peak load limitation - and comprehensive energy management systems. Products and services of dibalog are universally applicable and modularly expandable. For our customers we offer measurement technology, own data communication as well as reliable hardware and software solutions for automatic energy data acquisition according to DIN EN ISO 50001, visualization and load management systems. Individual and competent consulting ensures that your project is implemented and commissioned on time and in line with your requirements. In productive operation, our flexible support supports you in permanently optimizing your energy management!

dibalog GmbH Carl-Benz-Straße 1 | D-74889 Sinsheim | +49 7261 659940 | info@dibalog.de | **www.dibalog.de**
Italy: ATTAS S.r.l. Corso Susa 31 | I 10040 Caselette (TO) | +39 0119688766 | info@attas.it | www.attas.it

dibalog

energy managed right.

Decreasing costs in **energy-intensive companies** - automatically with **system**!