



EFD[®]
INDUCTION

Service Program

A brief guide to EFD Induction Services



There are various ways to lower your costs. Which ones suit you best?

EFD Induction's Service Program lets you get more value out of the resources you already have—regardless of your applications, materials, size or location, and regardless of whether you are converting to induction heating, or want to boost the productivity of existing induction solutions.

But how exactly can our services strengthen your competitiveness? Quite simply, by lowering your costs, and keeping them low. Let's take a closer look below.

Lower costs through maximum uptime

Our professional preventive maintenance services minimize unscheduled downtime—and minimize the duration of planned maintenance stops.

Lower costs through consistent quality

We offer a range of services to help ensure you consistently achieve desired quality levels. You get things right the first time. Scrap is minimized. Yield is maximized. Reworking is reduced.

Lower costs through professional planning

Our productivity analysis service pinpoints inefficiencies in your operations. Just as important, it details realistic ways to remove them.

Lower costs through computer simulation

Our computer simulation service is particularly valuable in a consultation phase, or when considering a switch to induction. The service uses advanced digital simulation techniques to specify the best possible induction solution for your needs. It also shows how various solutions affect your materials, work processes, etc.

Lower costs through professional coil services

EFD Induction coil services lower your costs in two main ways: 1) they maximize coil lifetimes, thereby saving you money by reducing the number of coil changes and minimizing production disturbances caused by aging coils; 2) they reduce associated costs for coil logistics, storage, upgrades, etc.

Lower costs through lower labor overhead

Services that specify, design, install and maintain easy-to-use induction solutions lower your labor costs.

Lower costs through lower energy consumption

We help you optimize your induction equipment to run it in an efficient way. This can help you save energy.

Lower costs through expert personnel

EFD Induction service personnel are highly qualified experts who work exclusively with induction heating for industrial heat processing. This expertise ensures you receive the very best solutions possible—solutions that reduce costs in the long term.

Consultation Services



Help you find the optimal coil design for a specific process, improve your heating results and motivate a budget for new investments.

Computer simulation

Forget costly and time-consuming trial and error processes. Our computer simulation service lets you perfect a tricky coil design without making a single physical coil. The service covers everything from analysis of molecular changes in metals to power calculations to obtain certain temperature patterns. What's more, you can change one parameter at a time (e.g. air-gap between coil and object) and see the effect immediately.

Cost/Benefit analysis

Getting the basic data to make decisions about heating equipment investments is often a heavy process. Meanwhile, you have to live with your existing equipment—and watch the competition closing in. We gladly help you calculate the short-term consequences and long-term benefits of either retrofitting your current installations or investing in a brand new induction solution.

Feasibility study

Want to improve your heating results? Our feasibility study services let you find the smartest way—whether you want to upgrade your equipment or set up a new process. You get to know all the pros and cons of different solutions, as well as cost and time estimates from planning to operation. Handling systems and equipment for preheating and post-heating can also be included to produce a complete in-line production concept.

An overview of the

Operational Support Services



Ensure your induction equipment keeps on working at design performance—day in, day out, year after year.

Preventive maintenance

Paying regular attention to your heating equipment will pay back in terms of higher productivity and fewer production disruptions. With our preventive maintenance services, you can avoid most foreseeable damage. We customize the service to your induction equipment.

Corrective repair

In the event of equipment failure, our emergency field service is prepared to help you within a short period of time. For normal planned service, a service engineer is dispatched for repair on site. Smaller equipment can be sent to an EFD Induction service center. With fast and efficient repair services you make sure downtime is kept to a minimum.

Spare parts

EFD Induction carries a large inventory of spare parts to complement your own stock-holding. We can also help investigate your spare part requirements to ensure minimum downtime for your induction equipment.

Remote diagnostics

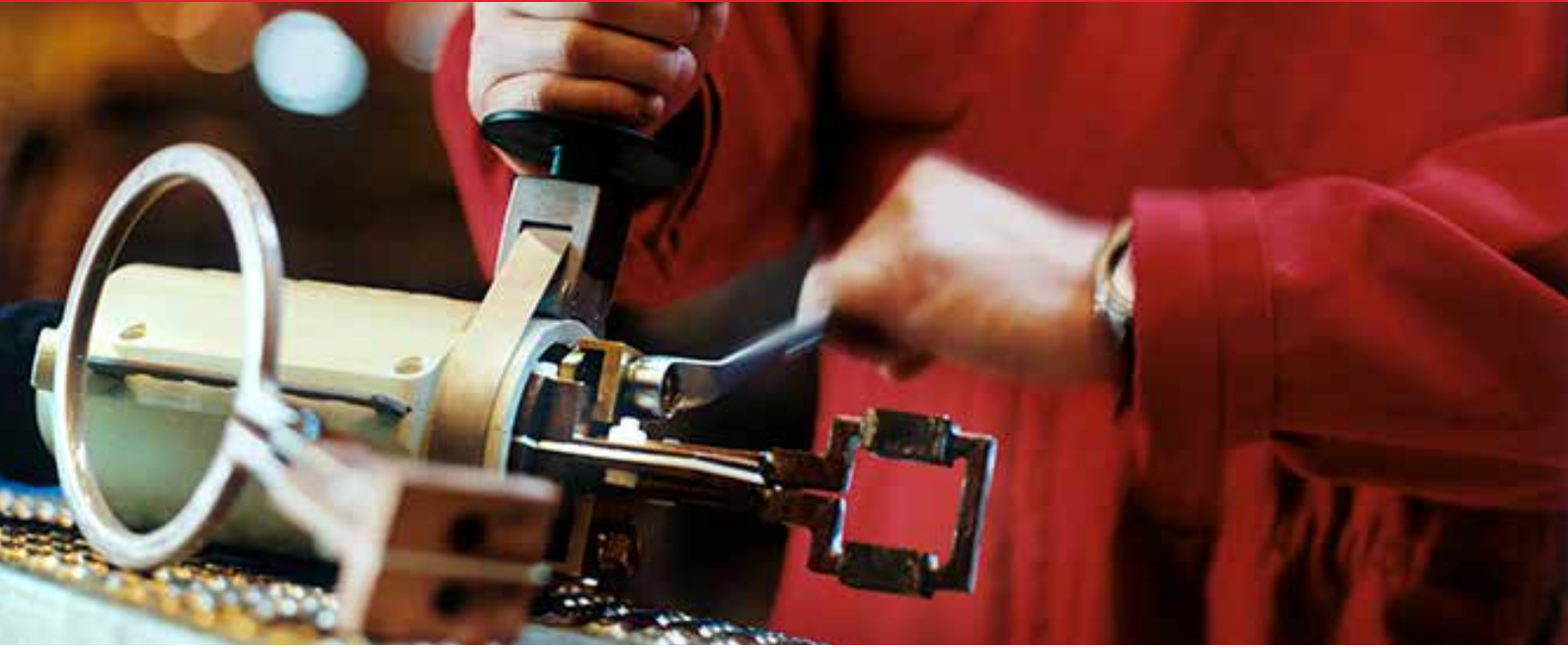
This service allows the monitoring of your CNC-controlled equipment. Program updates and parameter settings can be handled by remote access.

Start-up assistance

Our Start-up services guarantee your induction heating system is correctly set up. By using highly skilled technicians we ensure that the heating process is working according to your expectations.

EFD Induction Service Program

Induction Coil Services



Make sure you have a perfectly shaped coil for your heating process—and that you can easily replace or repair it when necessary.

Coil design

Correct coil design is essential to cost-effective induction heating. This service ensures you get design customized to your specific applications and materials. Which, in turn, means that you get the right heating patterns and your induction heating power supply delivers maximum output. You can use the service when introducing induction heating for the first time, or when upgrading existing coils.

Coil services

Each EFD Induction coil is documented in a database containing all essential information. This makes it quick and easy for us to repair or replace your coils with constant quality. You can use the service when introducing induction heating for the first time, or when upgrading existing coils.

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Commercial and Training Services



Give you the tools to learn more about induction heating processes and your equipment—crucial to maximize your success and payback on the investment.

Equipment rental

What induction heating equipment is needed for a certain heating job? Our equipment rental services let you know. We provide you with the right equipment—with or without operator training—so you can try it out before you make the investment. You can also hire equipment for time-limited projects.

Test facilities

Most EFD Induction subsidiaries have a wide range of induction heating equipment as well as a metallurgical lab. We use these resources for our own process development—but also make them available to our customers. The services in our Test facilities give you the chance to choose the best tools (coils, power supplies, handling machines) for your applications and optimize your heating process.

Training

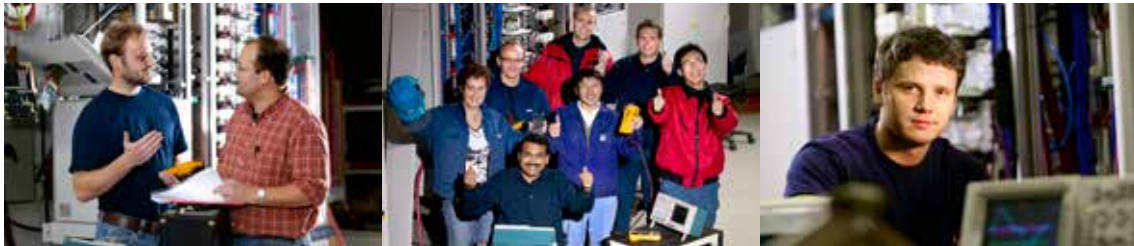
The more you know about your induction equipment, the better the return on your investment. With a training program adapted to your needs, EFD Induction training services teach you how to get the most out of your equipment. We conduct our training services where you find it most convenient—either on-site in your factory or on our EFD Induction premises.

EFD Induction. Putting the smarter heat to smarter use.

EFD Induction has been developing induction-heating solutions for more than 65 years. Today, we're one of the largest industrial induction equipment makers, with sales and service companies, manufacturing plants and R&D centers around the world.

We develop, commercialize and supply complete industrial heating processes, including power sources, mechanical handling equipment, coils and software control systems. Over the years, EFD Induction has emerged as the pioneer in finding new applications for quick, safe and controllable induction heating.

This brochure gives you an overview of our service offering—what you get and how you benefit. To find out more, please contact your nearest EFD Induction office.



The EFD Induction service staff—always ready to meet your challenges.