

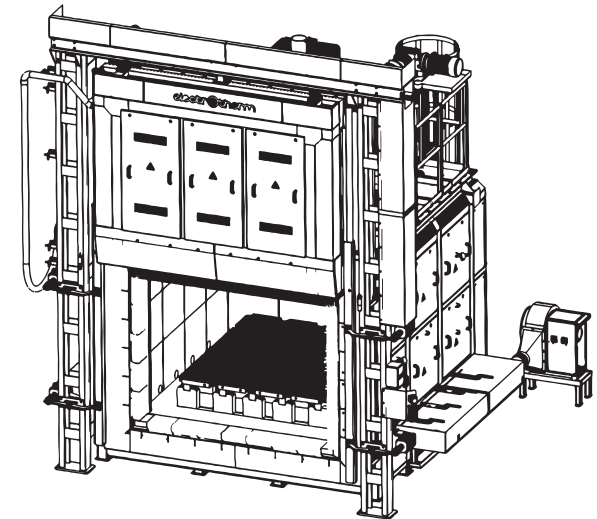
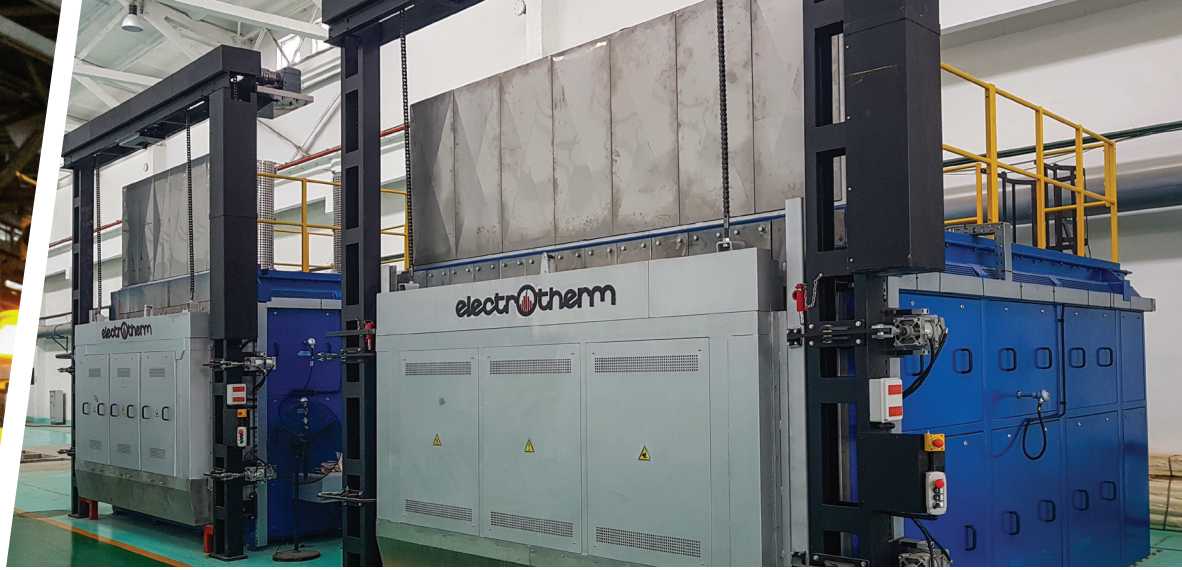
Electrotherm

A Leading Supplier of Thermal Process Solutions



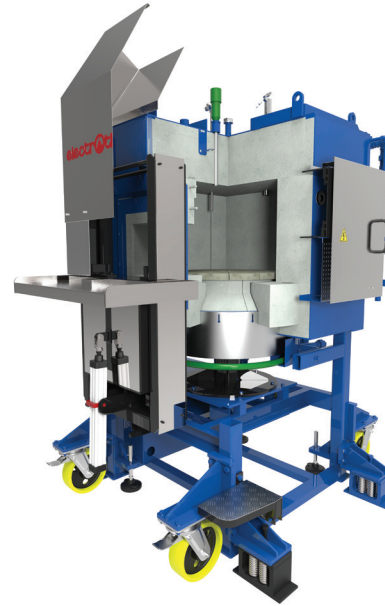
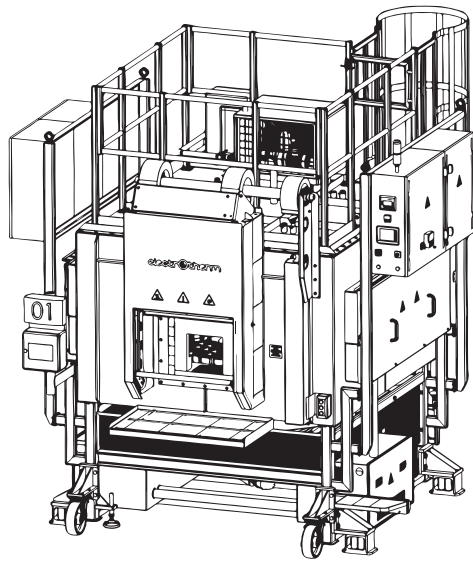
Electrotherm Compliance with Aerospace Standards: NADCAP , AMS 2750E, MIL-H-6875H RPS953





Fully Automated Heat Treatment Lines

- Electrotherm offers integrated turnkey heat treatment lines for the manufacturing of aircraft & aero-engine components, such as structural parts, discs, rings, etc.
- The heat treatment lines include batch & box furnaces, water & oil quenching tanks, high speed air circulation cooling chambers, loading manipulator as well as control system and SCADA for an integrated operation & supervision of the process.



Compact Rotary Hearth Furnaces

Electrotherm rotary hearth furnaces owe their accuracy and reliability to the experience gained in the construction of high performance furnaces over many decades. The pre-heating rotary furnaces are designed for a continuous precision forging process and assure temperature uniformity repeatability according furnace class 2. Special attention is paid to easy and quick maintenance and durability.

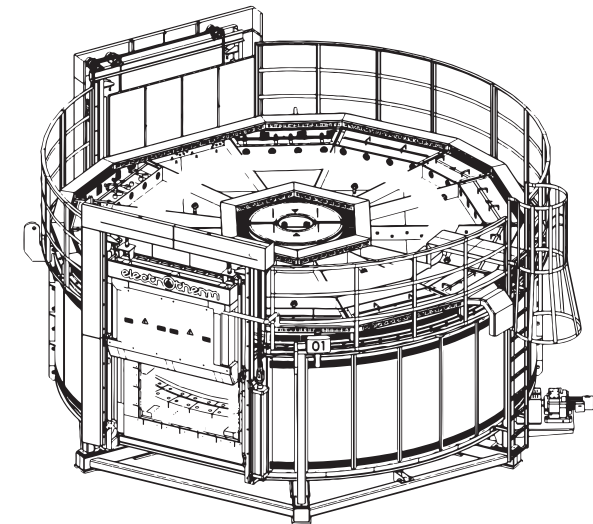
AUTOMATION

As well as stand-alone pre-heat forging furnaces, the rotary hearth furnaces can be prepared and synchronized with automation equipment for a complete precision forging cell.

We offer you a perfect pre-heat solution that will interface with the peripheral equipment.







Large Rotary Hearth Furnaces

- Electrotherm large rotary hearth furnaces owe their accuracy and reliability to the experience gained in the construction of high performance furnaces over many decades. The large rotary hearth furnaces are designed for a continuous forging process and ring rolling. They assure temperature uniformity repeatability according furnace class 2.
- Reliability, predictability, and repetitiveness are trademarks of Electrotherm furnaces.

electrotherm

Oil

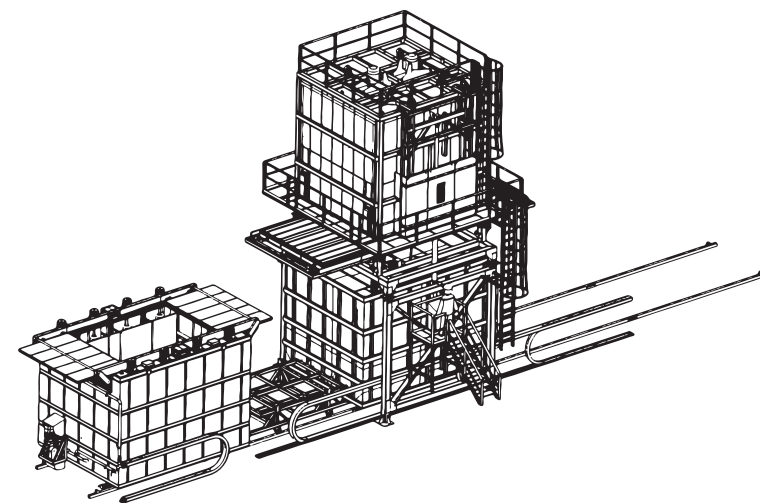
Water



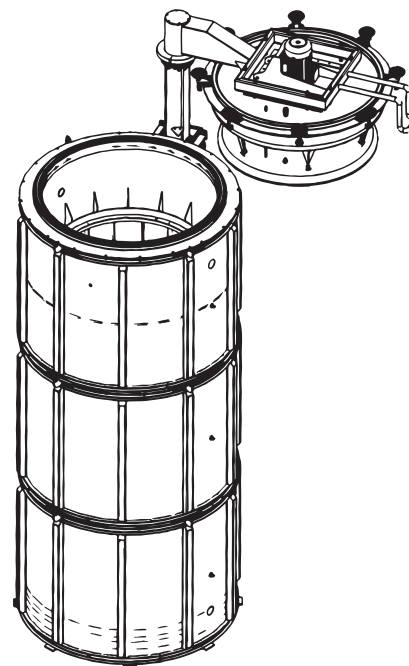
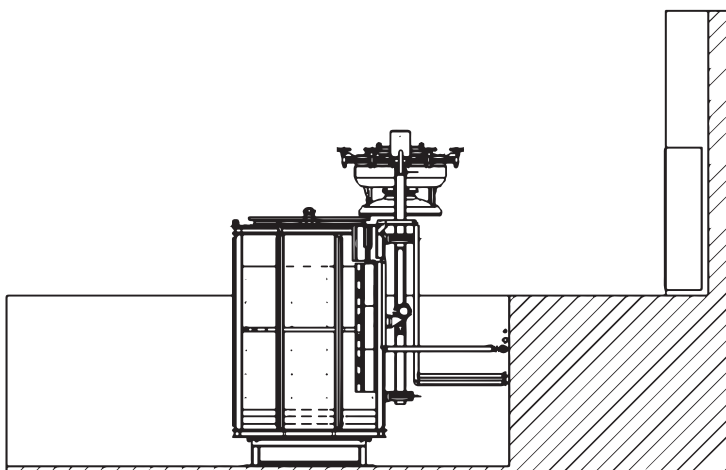
Heat Treatment Furnaces & Ovens

- Electrotherm supplies turnkey hardening & solution heat treatment lines.
- The equipment comprise a furnace with water/oil quench tanks and downloading mechanism to the tanks. The process is fully automatic and is accomplished by selection from the HMI.

The equipment meet AMS Standard.







Heat Treatment Pit Furnaces

- Electrotherm manufacture Pit furnaces in various sizes according to the customer requirements.
All furnaces of this series are well known for their accuracy, reliability, high performance for a long period of time and easy and quick maintenance.
Electrotherm pit furnaces have excellent reputation due to the experience gained over many decades and based on profound understanding of its customer needs.
- The equipment meet AMS Standard.

Top Quality Forging & Heat treatment Furnaces For Aerospace Metal Parts Manufactures

Founded in 1936, Electrotherm is a privately owned leading company for the development, designing, manufacturing and marketing of electrical heating equipment, thermal process equipment including furnaces and ovens for the industry.

Electrotherm main markets are closed die precision Forging and Heat Treatment for the Aerospace, Medical and Energy industries.

Electrotherm addresses the specific needs of each industry with dedicated solutions based on the common core of stringent precision process requirements.

With Electrotherm you will find all the solutions in one place.



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