Heat Treating, Inc. (HTI) was founded in 1995 and has rapidly grown into a nationwide organization. With supply centers throughout the United States, HTI employs more than a hundred field-qualified technicians. HTI has undertaken technical training programs and quality assurance with three levels of criteria to be met.

**PROJECT EXPERIENCE:**

The Heat Treating, Inc. team of dedicated professionals have many years of involvement in contract heat treatment and machining; working in numerous countries on onshore and offshore projects, including:

- Grassroots construction projects, expansions, and maintenance
- Power, fossil, nuclear, and paper
- Petrochem, oil, gas and chemical plants
- Mining, pulp, and paper
- Marine, shipbuilding, oil rig fabrication
- Mechanical contractors, utility companies, pressure vessel and piping fabricators
HTI COMPANY PROFILE

QUALITY ASSURANCE – GUARANTEED

- Heat Treating, Inc. guarantees that Q.A. – Q.C. normal procedures are followed.
- Meeting the customer’s requirements in every respect with fully traceable documented work records.
- Our quality assurance division ensures that our Q.A. – Q.C. manuals are regularly updated in terms of code and procedure compliance. Refinery or nuclear power, and their governing codes and standards, are as much a part of our team concept as the machining and heat treating techniques we use.

HTI is the Leader in Heat Treating Services and Equipment Manufacturing.

Since 1995, HTI has dominated the heat treating/stress relieving industry with exceptional services and setting new standards in the industry. With a flawless safety record and state of the art technology, many companies have found that HTI is the standard for the heat treating industry. From new construction of power plants to turnaround refinery projects, HTI is the world leader in safety and quality. All equipment is manufactured in Belleview, FL and can be shipped worldwide at a moments notice.

Heat Treating, Inc. has undertaken technical training programs and quality assurance programs, that set new industry standards. We have created the kind of organization that has attracted, and continues to attract, many of the top managerial and technical personnel available in the field.

Corporate offices are located in Belleview, FL with Branch Offices throughout the country that employ over 100 field-qualified technicians. Strategic locations gives HTI the benefit of fast service and equipment delivery.

HTI is also involved in the field machining industry. By manufacturing state of the art technology and implementing new ways of field machining, HTI continues to set new standards to the industrial industry.

HTI'S CONTROL SYSTEM:
This was built on industry proven state-of-the-art controllers, provides safe, reliable, and high quality heat treatment process while reducing setup time and manpower requirements.

INTELLISTRESS® SYSTEMS:
Heat Treating, Inc. continues its industry leading technology development and is pleased to introduce the next generation of IntelliStress wireless heating equipment – IS6G.

Building on its pioneering use of industry standard programming logic controllers for precise temperature control and wireless network technology, the latest generation incorporates the latest in M2M telemetry. Whether the network is built on a wired, WiFi, or Cellular infrastructure, the IS6G system is flexible enough to handle the most challenging heat treating applications while still being simple to deploy and operate.

The IS6G is still based on our module design approach which not only includes the equipment hardware but the software as well. A simple pair of communication wires is all that is required to turn a 6 zone machine into a 12, 15, or 18 zone machine saving time and money. Each machine has a compact flash memory card that constantly records data and the data is easily accessibly via a web browser. This provides a completely independent redundant data collection system.
Encrypted SQL database

The software, created by the engineers at HTI, is based on industry standard tools and communication protocols. The data logging is a separate module from the data charting which provides robust performance and simple upgrades as new versions are released. All data is stored in a SQL database that is encrypted and routinely backed up to ensure validity and availability of the data. All data is protected from source to chart generation.

With over 19 years experience in the heat treating field, Heat Treating has produced power, control, recording and monitoring systems second to none. Our range of equipment is being continually extended and updated as new technology, materials and components are being developed and introduced. Heat Treating’s standard six-way control consoles represent the best value available in today’s market. They are available with a complete range of options, from manual to semi-automatic to fully computerized operation.
HTI Has A Complete Line Of Rentals Immediately Available!

With over 19 years experience in the heat treating field, Heat Treating Equipment, Inc. has produced power, control, recording and monitoring systems second to none. Our range of equipment is being continually extended and updated as new technology, materials and components are being developed and introduced. Heat Treating Equipment, Inc.’s standard six-way control consoles represent the best value available in today’s market. They are available with a complete range of options, from manual to semi-automatic to fully computerized operation.

RENTALS
Heat Treating has available, at each of our listed locations, a complete line of equipment for immediate rental on daily, weekly or monthly agreements for most items.

RENTAL ITEMS INCLUDE:
• Gas or electrical control systems
• Gas burners or electrical resistance heating equipment
• Recording and monitoring systems
• All related associated primary and secondary cables

The heat treatment control consoles have been designed featuring a master and slave facility, whereby one or more units can be utilized without the expense of additional programmers or recording equipment. Further economical advantages are that all associated equipment is fully compatible with our competitors’ products. We can upgrade your existing heat treatment equipment to the latest state-of-the-art technology.

Heat Treating, Inc. contractual services within the industry include heat treating on contracts awarded for new construction projects, ongoing maintenance work, and scheduled plant turnaround, emergencies, and power plant outages. During or prior to our involvement with the site work, Heat Treating, Inc. may well have contracted to the fabricating companies of pressure vessels and piping, also involved in these projects.
Heat Treating, Inc. can support awarded heat treatment contracts independently using skilled, experienced work teams.

The same teams can be fully integrated to become part of the customer’s workforce, conforming to construction schedules or target dates for completion of planned outages. Heat Treating, Inc. service can also be built into critical path schedules to ensure the total effectiveness of the team work.

OTHER SERVICES:
- Turnkey contracts inclusive of all project supervision, technicians and all support labor.
- Supply of equipment and supervision, utilizing the customer’s labor as required.
- Sales and rental of equipment, custom manufacturing, and upgrading of obsolete systems.

REFINERIES – CATALYTIC CRACKING
Heat Treating, Inc. has been involved in numerous refinery installations, maintenance, and revamp projects, including extensive reactor modifications and major capacity expansions.

ELECTRICAL CONTROLLED PRE-HEATING
Electrical controlled preheating is as important as the post weld heat treatment.

In today’s quality-oriented industries, the demand for these services is everincreasing. Expert and professional techniques by Heat Treating, Inc. have also been put to the test to meet the demand.

Today’s priority: consider electrical controlled preheating as part of your welding procedure to ensure the quality of your welding. Heat Treating, Inc. will be pleased to answer any questions you might have.

ULTIMATE FLEXIBILITY & ECONOMY
There are many reasons why using Heat Treating makes sense. One of the most important is the flexibility HTI affords you, the customer. Our company tailors services to your needs, whether you need HTI’s equipment, personnel, or expertise, we can help. The option is yours.

Significant savings can be obtained as a result of using HTI to reduce your total investment in capital equipment and personnel, plus the related tax advantages of leasing are two key economic advantages to be considered.
Full Turnkey Service

In order to satisfy the need for specialized on-site machining, Heat Treating has assembled a team of industrial professionals whose primary focus is the commitment to our clients... to get the job done right. Whether it be rapid deployment of on-site machining, engineering support, customized machinery, or complete turnkey services…HTI can supply it!

• PROJECT SCHEDULING:
  From planning to execution, HTI adheres to your time-sensitive schedules, manpower, equipment and budget requirements.

• COMPLETE ENGINEERING SERVICES:
  Design Engineering, special application tooling and machining, including complete mock-up.

• MACHINERY LEASE OR RENTAL:
  A large well-maintained inventory of machines, tooling and equipment available for immediate delivery.

• SKILLED CERTIFIED TECHNICIANS:
  Trained, tested and certified by HTI facilities to comply with site codes, procedure qualifications, security and safety programs.

• MACHINING CAPABILITIES:
  Whether you need our services to train, supervise, operate equipment or for complete job responsibilities, our qualified and dedicated staff is ready to help.
Whether you need us to perform the work or simply supply the tools to get the job done, we provide highly experienced technicians and superior equipment to deliver quality results in a timely fashion. Our knowledgeable machinists represent decades of experience and can handle anything from boiler tubes to turbine shafts.

SERVICES - Some of the many services we offer are:
• Cutting and beveling of high energy piping including P91
• Flange facing
• Waterwall header tube extractions
• Hand hole inspection plate removal
• Shaft turning
• Hole boring
• Custom machining
• Plus more

EQUIPMENT:
We have a large fleet of high quality, well maintained equipment available at competitive rental rates. Two types of machinery offered are highlighted below:

SPLIT FRAMES:
The portable pipe lathe is at the core of our equipment arsenal. Commonly known as split frames or clamshells, these durable machines are an invaluable tool on jobsites throughout the world. Ranging from 4” to 60” standard, and higher in custom applications, split frames cover the full spectrum of your pipe machining needs. HTI has taken its own steps to improve on an already proven design, making our equipment even more formidable than any available on the market today.
HTI MACHINING

SPECIALIST IN ON-SITE MACHINING

HTI offers precision on-site machining operations with a wide variety of capabilities. Servicing the Nuclear, Fossil fuel, Petrochem, Pulp and Paper; Food and Beverages, Pharmaceutical. Offshore applications and various other industries HTI services reach worldwide.

Being able to respond to any field machining problem is a philosophy upheld by our experienced staff and certified field machinists experienced in on-site construction and maintenance.

RELIABLE HTI EQUIPMENT

Heat Treating Inc. utilizes proven precision field machining equipment. Our equipment line is made for the harsh boiler environment as well as the nuclear industry. HTI has proven to deliver reliable service and equipment to all projects.

HTI’s non-spark producing pipe cutting machines allows machining activities on highly flammable systems such as systems containing natural gas, crude oil and petrochemical products quickly, without risk of fire and explosion.

RAPID RESPONSE

If you encounter machining problems, Heat Treating Inc. can deliver solutions quickly. Our office is stocked with a wide variety of machining equipment, including boring bars, portable mills, O.D. mounted split frame pipe cutters, end prep lathes, flange facing equipment and hydraulic power units.

Our equipment and personal are available virtually anywhere in the world. Our crews and equipment can be dispatched on short notice emergency situations or long-term for scheduled contract maintenance work.

Heat Treating Inc. offers precision field machining and the capability to design and build equipment for specific applications. With a 50,000 sq. ft. facility equipped with the latest CNC machining equipment, HTI offers both in-house and on-site specialty services.
Heat Treating Inc. offers precision field machining and the capability to design and build equipment for specific applications. With a 50,000 sq. ft. facility equipped with the latest CNC machining equipment, HTI offers both in-house and on-site specialty services.

- Certified Machinists
- Mock-up training area
- Special Engineering
- Customized Machinery
- Pipe and Vessel cutting
- Precision compound beveling
- On-site flange facing
- Precision hole induction
- Hand Hole Inspection Plug Removal
- Boring bar operations
- Stud removal
- Dismantlement & Decommissioning service

HTI has several alliances with well regarded and highly recommended welding firms. This allows our clients the opportunity to request quotations for turnkey services resulting in cost savings to the customer.

Being the Best Requires Consistent Training

The Mission of Heat Treating is to support the Construction, Maintenance and Modification industry with state-of-the-art equipment and experienced aggressive personnel. Our goal is repeat business based on integrity, performance, safety, quality and cost.

Heat Treating, Inc. is also involved in the training of our clients’ employees on the use of our equipment. Training involves learning the proper ways of handling our equipment, safety standards to comply with site specific safety regulations and technical training on better ways to utilize our equipment. With the training of an HTI master technician, you can be assured that your employees will have the knowledge and know how to complete any task required in the heat treating industry. If you are interested in our rates or more information about our training program, please feel free to contact us.

WE ATTRIBUTE OUR RAPID GROWTH TO TWO CLOSELY RELATED FACTORS:

- Heat Treating, Inc. has established a strong reputation for quality and timely service at fair and competitive prices.
- Heat Treating, Inc. commitment to service and ongoing research and development has been the beneficial influence behind our continued growth and success.