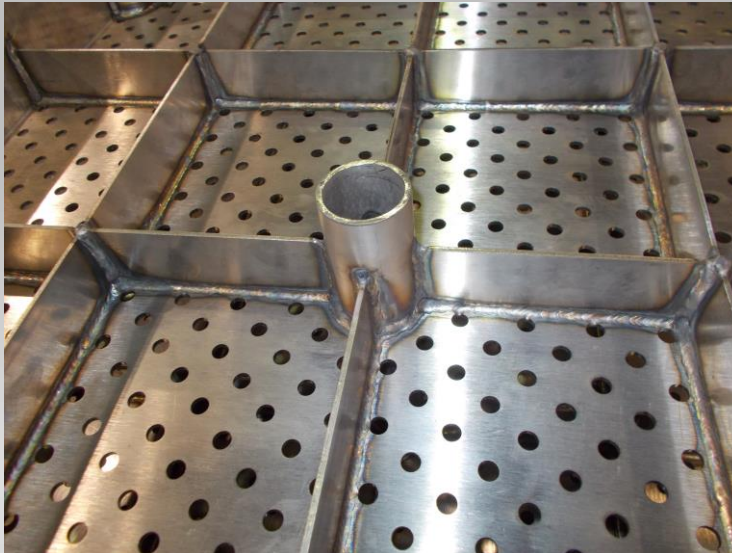




Specialising in Alloy Fabrication Solutions



Visit Us @ : www.therseruk.com

Units 15 and 16, Hale Trading Estate,
Lower Church Lane, Tipton, West Midlands, UK, DY4 7PQ

History

Therser UK was formed in 2009 by experienced engineers and managers drawn from the ceramics industry. We have combined expertise in kilns, furnaces, production line management, clean air solutions and manufacturing legislation. The business name is an abbreviation of 'Thermal Services', reflecting the broad scope of the solutions we offer our customers. The combination of Almor and Wellman businesses within this division can trace their histories back to 1904 and incorporates the businesses and technology from several well-respected UK furnace builders.

Wellman Smith Owen Engineering Corporation, a large British engineering company derived from Samuel T. Wellman, a steel industry pioneer. Wellman became a private company in December 1997. The Almor Group bought Wellman Furnaces in 2015, and Therser UK acquired the IP in 2022.

Our extensive archives allow us to access historic project dating back up to 50 years.



Why Therser Wellman

For more than 70 years Therser Wellman has specialised in providing custom made high quality fabricated equipment for use at extreme temperatures and under highly corrosive conditions.

Therser Wellman is a leading supplier of nickel alloy heat treatment equipment. A wide range of markets are served including, aerospace, automotive, steel processing, nuclear, petrochemical, ceramics and much more.

Therser Wellman's experience, facilities and qualifications are combined to produce a comprehensive service which includes design, manufacture, installation, inspection and repair. Extensive stocks of segregated nickel alloy materials are carried to meet capacity. Therser Wellman is dedicated to customer focused continuous improvement and to this end operates a BS EN ISO 9001:2015 Quality Management System covering all of its activities.



Experience

Our highly Skilled Engineers and Welders

We have the ability to do:

Fabrications to a tolerance of $\pm 0.5\text{mm}$, with a thickness range of 1mm -30mm, Working to technical drawings

Provide Weld Procedure Documentation

Non-Destructive testing (Dye Penetrant test) working to our quality procedures

Pneumatic and Hydrostatic testing, working to procedures along with pressure recorders if required

Proof Load testing of fabrications, working to procedures

Material certification and documentation for full traceability

Work with customers to satisfy their needs and delivery dates



The background of the slide features a collection of industrial furnace parts. On the left, there is a circular component with multiple curved, ribbed segments. In the center, a long, vertical cylindrical tube is shown. To the right of the tube, there are several pointed, conical components, likely nozzles or igniters. The entire scene is set against a light, textured background.

Spares & Repairs

Atmosphere Parts include:

Fans, chains, radiant tubes

Combustion accessories (nozzles, igniters etc)

Endocube Catalyst

Oxygen probes

Cast and fabricated nickel chrome components

Ceramic components

Refractories

Energy efficient low Nox burners

Electric heating elements

Service Work

Alloy fabrications for Heat Treatment plant retorts, muffles, baskets, radiant tubes, elements, chains, fans

Repair of nickel-chrome furnace components

Refractory services

Catalyst

Cast and ceramic parts

Site installation and commissioning services

Furnace upgrades and relocations

Combustion services

Second-hand and refurbished plant



Other Group Services Include:

Furnace and oven design & build

Atmosphere probes and control systems

Furnace control panels

Chemical process vessels

Site Work

Therser Wellman's supports the ongoing requirements of heat treaters with a wide range of responsive and reliable services covering most makes and types of furnaces.

These are delivered through our substantial and highly experienced in-house team of engineers.

Onsite welding capability is available for in-situ repairs, modification and upgrades.



Our Ability and Capabilities

2 sets of O Pinch & Pyramid Rollers with the ability to roll large and small cylinders and cones ranging from 1mm -25mm thick

A press brake machines with the ability to bend and form materials ranging from 1mm-6mm thick

Large Guillotine with the capacity to shear 2.5m length of material up to 12mm thick

Plasma machine with the capacity to cut materials up to 20mm thick

Horizontal band saw with the capacity to cut 250mm Dia or 280mm square

Threading/ cutting machine x 60mm Dia

Various MMA, MIG and TIG welding machinery

Geka Punching and Shearing machine with the capability to punch up to 50mm hole in 10mm stainless steel plate

Various pedestal drill

Horizontal bender up to 10mm

Box and pan folder 2 metre x 2mm



Typical Materials Used

Typical metals Therser Wellman
Fabrication work with:

Nickel Alloy

- 600
- 601
- 625,
- 800HT

Hastelloy

- C22
- C276

Duplex

Super Duplex

Stainless steel

- 304L
- 310
- 316L



We Also Build Kilns

At Therser UK we design and manufacture high-quality industrial kilns of different types to suit the needs of different manufacturing businesses. Our design engineers work with you to create a bespoke kiln that precisely allows you to meet your business goals. This is based on an understanding of your products, your industry, your production targets and firing volumes.



We Also Build Furnaces

Furnaces are generally termed either by language or Industry, for example, the Metals Industry has always termed the heating process as undertaken in a Furnace. The technology between Kilns and Furnaces is similar and we have many years experience in undertaking projects for both Electrically Heated and Gas Heated Furnaces. The image shown here depicts a Furnace we have supplied; we cover countries such as the UK, France, Spain, Nigeria, USA and China. Our team is experienced in handling small and large projects with the same dedication to detail our clients expect.



CONTACT US



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