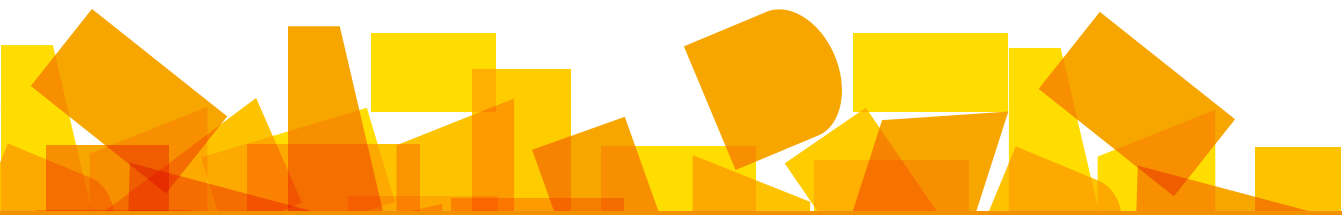


**FLUID  
THINKING.  
SOLID  
RESULTS.**



[www.trentrefractories.com](http://www.trentrefractories.com)

**TRENT**  
REFRACTORIES LTD



# INTRODUCTION

We're actually one of the few remaining refractory producers in the UK.

Trent Refractories is a UK based manufacturer and supplier of bespoke refractory solutions, supplying the UK market and beyond. Our reputation for competitively priced high quality products is known throughout the industry, and our ability to offer quick turn-around times that can be tailored to our customers' demands sets us apart from the rest.



Trent Refractories was founded in 1989 and has a strong British industrial heritage. Two generations on, the company is still owned and managed by the same family who have been joined over the years by a knowledgeable and experienced team. Quality is our hallmark and with full traceability of our products, you can be confident in the visibility of your supply chain.

We are proud of our products and have earned a reputation for a friendly service. We always listen to you and use our extensive knowledge, resources and people to give you what you need, when you need it. We'll even tailor our services to fit your individual requirements, offering bespoke casting to any design. Exporting globally, we supply customers throughout the world.



We were the first refractory company in the UK to become living wage accredited. It was driven by wanting to raise awareness and wanting to pay a fair wage for a fair days work. This led to us being awarded the living wage champions award for the Yorkshire and Humber region in 2015.



Trent Refractories are also proud to be a member of the Made in Britain campaign to support the UK economy.



# SERVING OUR INDUSTRIES

Our primary business is in Iron and Steel making, serving steelworks and foundries. We're actually one of the few remaining refractory producers in the UK and strive for quality in everything we do.



Our team are skilled at dealing with exports and we can happily arrange transport on your behalf.



Trent Refractories can supply to the following processes:

## Iron and Steel

**Integrated** - Blast Furnace and Stoves.

**Iron carrying** - Torpedo and Hot Metal Transfer.

**Electric Arc** - Deltas/Roofs, Launderers, Taphole, Furnace Bricks.

**Tundishes** - Linings, Furniture – Dams, Weirs, Wellblocks, Lids, Rolling Heat Treatment.

**Monolithic products** for supporting processes e.g. Coke Ovens, Sinter Plants, Ingot/Casting bays.

## Ferrous and Non-Ferrous Foundry

**Iron and various ferrous containing alloys** - Induction Furnace (Brick and Ram), Converter (Fired and Resin Bonded Brick), Electric Arc Furnace (Hearth, Wall and Roof Brick and Monolithic) and Ladle (Casting options at Trent or On-site).

**Non-ferrous** - Aluminium Melting Furnaces and Holding Furnaces (Brick and Monolithic), Non-Ferrous Metal Recycling Reverberatory Furnaces (Brick and Monolithic), Zinc Multiple, Suspension and Fluidised Bed Roasters (Monolithic) and Ladle (Casting Options at Trent or On-site).

## Chemical and Petrochemical

**Chemical** - Chlorinators (Brick and Monolithic), Circulating Fluidized Bed Combusters (Monolithic) and Sulphur Recovery Units (Lightweight Castables Available).

**Petrochemical** - Petroleum Refining (Flue Lines, Regenerators, Risers and Reactors).

## Waste Incineration and Energy

Monolithic for Municipal, Medical Waste and Rotary Incinerators, Energy, Power Plant and Steam Boilers.

## Cement and Lime

Cement Rotary Kilns (brick and monolithic) and Suspension Preheaters, Lime Shaft, Rotary and Recovery Kilns (Brick and Monolithic).

## Furnace, Kiln and Heat Treatment

Tunnel Kilns, Preheating Hoods and Furnaces plus Heat Treatment Furnaces all with Brick, Monolithic and Light Weight Castable Options.

# AN INTERNATIONAL SERVICE

We supply refractories all over the world, our performance products have earned us respect in many different countries. Our team are skilled at dealing with exports and we can happily arrange transport on your behalf.

COUNTRIES WE CURRENTLY SERVE ARE:



# PRODUCT RANGE



At Trent we can cast anything from just a few kilos all the way up to 20 tonnes.

## PRECAST

Trent has a long and notable history in supplying precast refractory shapes, specifically with EAF Roof Deltas so much so that we supply the entire UK market. Our team has worked with us for many years and understands the demands placed on our products from hands on practical experience.

We make all of our products at our facility in Scunthorpe, we employ local people and source our services locally where possible too.

At Trent we can cast anything from just a few kilos all the way up to 20 tonnes.

## EAF Deltas

Our EAF Roof Deltas are known and highly respected in the UK market and we hold the record for roof lives at a local steel works, over 1000 heats!

The roof can be designed entirely to your specification and have in built air economisers if you so wish. We also produce Economiser rings to compliment the Deltas.

## Ladle Linings

A fantastic service for foundries, you can simply send us your Ladles and we will cast a working lining into it for you, we offer a full service of collection, wrecking, casting, drying and delivery back to your site. Making it easy for you to manage your fleet and offering value for money.

We can also advise on casting at your site to enable you to effectively cast your own Ladles, this service is suited where typically smaller ladles are used.

## Small precast items

We cast bespoke blocks to fit your process, we can help you transition from an idea to a reality. We have a specialist draughtsmen on hand and access to skilled mould makers to make it happen. We also specialise in Tundish Furniture.

## MONOLITHICS

We blend and bag all of our products in house. Our products are highly regarded in the industry as giving excellent performance and value in use. We have long established relationships with our trusted suppliers and we feel this contributes to our successes.

We have a range of monolithics to suit almost any application. We are also able to develop mixes using our team of experienced technical staff and external R&D support. Please just ask and we will be happy to work on something for your needs.

## We offer the following types of Monolithics

- Conventional Castables
- Low Cement Castables
- Ultra Low Cement Castables
- Gunning Materials
- Backfill Materials
- Lightweight Materials
- Ramming Materials



## BRICKS

We can supply any type of brick to a specific size to your needs, we keep a small stock of standard sizes at our facility in Scunthorpe also. The lead time on special orders is typically 12 weeks from ordering.

## We offer the following types of bricks:

### Basic Bricks

Magnesite bricks are one of the most widely used basic refractory bricks, we can help you choose the right brick for your application.

- Fired Magnesite
- Magnesia Carbon
- Magnesia Chrome

### Alumina Bricks

Alumina bricks are great for performing at high temperatures and have excellent corrosion and wear resistance, a high bulk density and low iron content.

They are used in all kinds of industrial furnace and high temperature applications to improve furnace lives.

We can provide fire bricks with varying levels of Alumina content from 40% up to 90%.

# INNOVATING & ASSISTING

We absolutely love an opportunity to help our customers and work with them to improve their processes. Invite us to your site and our experts will happily take a look at your processes and together we can formulate solutions tailored to your needs which ultimately make savings for you in resource or simply find a better way.

Trent are customer focused, they listen when we have meetings and always offer a solution.



# WHAT OUR CLIENTS SAY

“They weren't overbearing in their contract - it is neutral and not forced in anyway so I never feel like I am being 'sold' to. They supply nearly everything I need and have unique products that no-one else does. They turn things around quickly and are reasonable on price.”

**Foundry Manager**  
Foundry

“5 words - agile, efficient, made to measure, reliable, service. Can't think of a person, but the attributes they would have are that they come from a family that is known for being good at what they do. They have a generational history and heritage, are straightforward, open and honest. They inspire confidence in themselves. They are do-ers.”

Their strengths are that they are not trying to be a jack of all trades. They have built on what they are good at and are expanding on that basis. They operate in niche areas and can customise solutions.”

**Technical Director**  
Global Refractory Company

“Trent are a good high quality refractory. Trent are customer focused, they listen when we have meetings and always offer a solution. They are professional, knowledgeable, caring, reliable, and have a solid reputation. I have confidence in them and honestly can't think of anything they could do to improve. I'm really impressed with the service they offer.”

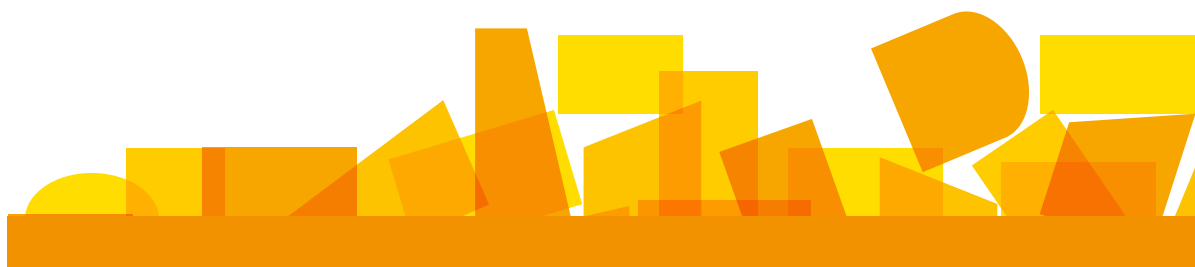
**Foundry Manager**  
Steel Making



“Really like the family feel at Trent. You are not just a number but are well thought of. Product range is good but could be better. This would avoid having to go to several places when working on quoting a bigger project but could get it all under one roof. They give a good level of service and I personally don't feel like they are doing a lot wrong. Words that describe Trent are fair, honest, willing, supportive, friendly and caring.”

**Director**  
Refractory Installer





## Trent Refractories

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### Office Hours

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### Out Of hours

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