

CAPITAL REFRACTORIES

Refractory Services



Providing the very best in refractory design and installation

- Tilt rotary furnaces
- Tower melters
- Melting and holding aluminium furnaces
- Incinerators
- Cremators
- Inspection services, installation supervision
- Precast

Bespoke Solutions

Refractory services, as part of the Capital Refractories Ltd group, is here to offer solutions for all refractory installations. Refractory repairs to full turnkey. No job is too big or small.

Capital Refractories has been manufacturing and supplying high quality refractories to metal melting and other heat process industries for nearly 70 years. Our team of experts can offer a lot of guidance regarding your requirements, whatever the installation. For example, we can work with castable and brick, holding and rotary furnaces and nose ring blocks. Please ask for more information.



Above, we can design, manufacture and install super duty Armourcast pre-cast blocks.



Above, just a couple of examples of work our refractory services team has completed.



Experts on Hand

Whatever the job, and whatever the location, or installation, we have a team of experts on hand 24/7 to make sure targets are met and the work is done on time.

If you have any queries, please do not hesitate to contact one of our experts for help. We are more than happy to give you any guidance you may need, quickly and efficiently.



Tilt Rotary 'Speed-Line' Big Block System

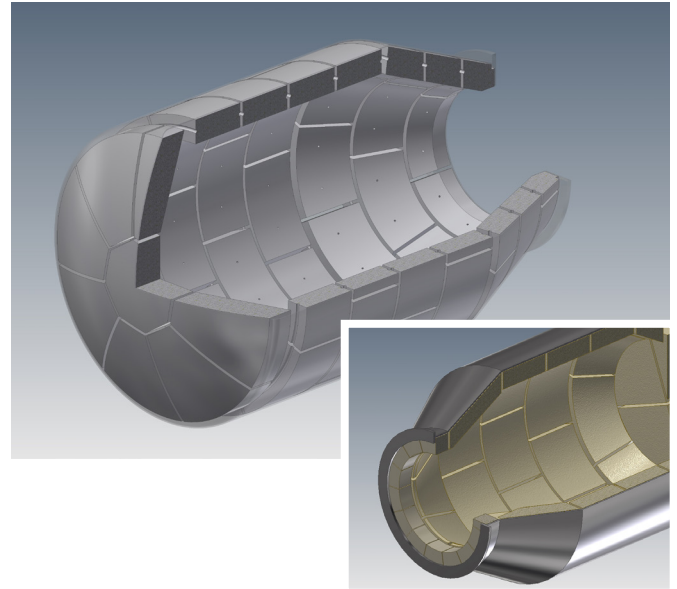
Concept - Design - Manufacture - Installation

Our experts provide bespoke big block 3D CAD designs for any tilt rotary furnace.

We have the advantage of not only being able to offer a full service, but also that we manufacture, which enables faster installations.

Our experts can help you through the whole process, from beginning to end, from design right through to the full installation of rotary blocks. We're leading the way in design and engineering in rotary furnace pre-cast.

Pictured right, graphic designs show our fourth European installation top; below right, our first American installation.



Advantages of Using Precast Blocks

- Fast installation.
- Reduced downtime.
- Pre manufactured blocks have strict quality control.
- Blocks pre dried, (faster commissioning time).
- Indefinite shelf life.
- Can use specialist refractory materials that cannot normally be cast on site, eg: Armourcast.
- Material 'zoning'. High wear areas in the barrel can have, for example, higher specification materials or addition of steel fibres.
- Installation can take place in extreme hot or cold environments.
- Easy and quick replacement of blocks in high wear areas.
- Big Block linings can be combined with both castables and brick linings.





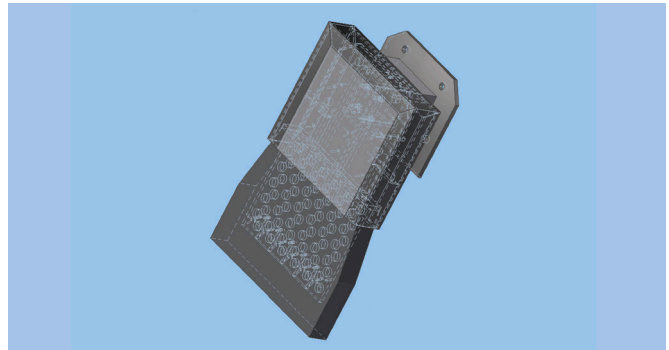
Long Life Skimmers and Stirrers

Our Amourcast skimmers and stirrers can be made to suit any customer needs.

Not only are they bespoke, they also have a pro-longed life and can last up to four weeks, compared to around three days for a standard steel stirrer.

This saves both time and cost for the customer.

Pictured right, the graphic shows a bespoke design of a stirrer created for a customer.



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