



East Coast Casting

Co. Ltd.

Ferrous & non-ferrous sand foundry specialists



intro...

East Coast Casting Co Ltd. has been a family run business since 1969, producing sand castings in a wide range of metals, both ferrous and non-ferrous, for use in many differing applications and industries.

We offer a comprehensive service, from advice on initial casting design, through pattern making and prototyping, to full production runs.

We are happy to supply quantities from one off, to medium or large batches, delivered by our own transport throughout East Anglia, the East Midlands, and the Home Counties.

Castings are usually supplied "as cast", but we also produce fully machined items if required.

We have in-house spectrometer facilities and can supply material analysis and certification.



history...

A foundry has existed at Carbrooke for over 200 years

East Coast Casting Company began trading in 1969, from premises in Melton Constable, Norfolk, producing sand castings in various non-ferrous metals. The firm was headed by Wilfred Henry Isbill, (formerly of Blandy Isbill Foundry in Slough), assisted by his two sons, Michael & Edward.

Business was good and the company moved to premises in Shipdham, Norfolk in the early 1970s. Following the death of Wilfred Isbill, and the departure of Edward due to ill health, Michael was joined by Barry Sutton & Adrian Bennett, and the firm was incorporated as a Limited Company in 1980.

The eighties was a difficult period for British manufacturing, and during that time many foundries up & down the country were closing. Thankfully, due to efficient organisation & the advantage of a wide customer base, East Coast Casting Co was able to survive, even to flourish. In 1983 the company absorbed a small pattern shop & non-ferrous foundry based in Suffolk, run at that time by Jim Thackeray, who

is now works manager at ECC.

A major change came in 1985, when the company moved to it's current location.

The history of the Carbrooke site is long and varied, having been in industrial use for a continuous period of around 200 years. The original business, started and developed by the Page & Hunton families, was firstly a blacksmith's forge, and later, also a foundry. Page Hunton Foundry Ltd was still producing iron castings, mainly for agricultural use, until it's unfortunate demise in 1984/5, when the business was placed in receivership. East Coast Casting Co Ltd then purchased the business and premises from the receiver. The former manager of Page Hunton, Mike Wynne, joined the board of ECC at this time, and the production staff were also retained. Although many years have now passed, one of the original employees has only recently retired, having worked at the site for 50 years, and another is still with us today.

This take-over gave ECC, for the first time, the ability to offer both ferrous and non-ferrous castings, including pattern-making facilities, and this has

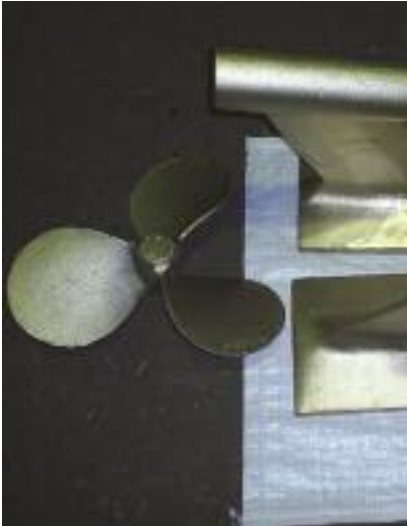
proved to be a vital selling point in the modern business environment.

Trading continued strongly throughout the nineties and the company enjoyed steady growth, including considerable expansion and modernisation of the Carbrooke site. In the 21st century however, the foundry industry is now shrinking again, along with it's customer base, and ECC Ltd is managing, as in the past, to ride out the storm and adapt to changing markets.

In August 2000, Mike Wynne retired through ill health, and sadly died the following May. Barry Sutton retired as a director in December 2004, although he still retains an interest in the company. In 2005, Barry's son, Nick, was appointed to the board, together with the third generation of the Isbill family, Mike's son Chris. Following Adrian Bennett's retirement in January 2006, the company is now left with only one original member, Mike Isbill.

We now look forward to a period of stability and hopefully many more years of production on this site, offering a wide choice and high level of service to our customers, both old and new.

marine casting



East Coast Casting Co Ltd. has a long standing relationship with the local marine industry based on the Norfolk Broads.

It also serves many boatyards around the East Coast Rivers as well as beyond.

East Coast Casting supplies castings for:

- Propellers
- Rudders
- Bearings
- Other stern gear
- Mud Weights in various sizes, manufactured for the boat industry



SS Waverley, Victorian paddle steamer, had new paddles and engine parts cast at East Coast Casting Co Ltd

architectural casting



East Coast Casting Co Ltd. has supplied castings for many architectural projects up and down the country, both restoration and new build.

We are registered as preferred contractors to:

Norfolk County Council

North Norfolk District Council

We have been major suppliers to several other Local Authorities as well as various Restoration Societies and other groups.

We have several sculptors on our books and have produced castings for many public works of art.

Recent commissions include;

- Restoration of St Georges Bridge, Norwich, Norfolk
- Refurbishment and replacement of Street Railings, Gt. Yarmouth, Norfolk
- Street Planters for Farringdon Street, London

We also produce:

- Clock Weights Various sizes.
- Decorative Under-floor Heating panels.
- Wall Tie Plates in Various sizes



engineering casting



East Coast Casting Co Ltd. manufacture a wide range of castings for the steam, traction and hot-air engine fraternity. Also many Agricultural castings.

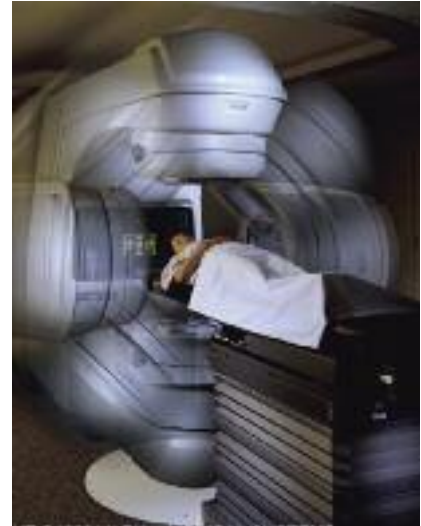
If you require an engineering related casting, we will be pleased to help.

We have customers making products as diverse as:

- agricultural machinery
- pumps & valves
- motor racing & specialist car parts
- packing machinery
- pipeline equipment
- electric motor & drive casings
- water treatment plant
- mining equipment
- cement handling machinery



medical casting



East Coast Casting Co Ltd. has, for many years, been a major supplier of medical equipment castings both in the UK and export to the USA for worldwide use.

We have, over a long period, forged excellent working relationships in this field. We are closely involved in the design and prototyping of the next generation equipment; which is to be marketed in the near future.

These castings are manufactured to a bespoke specification, developed with the customer, which includes the use of specially built measuring jigs, X-Ray by an independent NDT house, and full material certification.

materials & capacities

We cast a wide range of metals using electric induction & resistance furnaces. We accept both 1 off and multiple production orders and also have in-house patternmaking facilities.

Some of the metals we
regularly cast

Cast Iron

BSEN 1561 : 1997
BS1452

Grades 220, 250, & 300, to max
wt 750 kg per casting.

SG Iron

BSEN 1563 : 1997
BS2789

Grades 420/12, 500/7 & 600/3,
to max wt 450 kg per casting.

Steel

BSEN 10293 : 2005
BS3100

Grades A1, A2, A3,A6,
AW2,AW3, & SAE0022, to max
450 kg per casting.

Stainless Steel

BSEN 10283 : 1998
BS3100

Grade 316, to max wt 450 kg per
casting.

Other materials & specs to
special order.

Aluminium

BSEN 1676 : 1997
BS1490

Grades LM4, LM6, LM9 & LM25
to max wt 250 kg per casting.

Copper Base

BSEN 1982 : 1999
BS1400

Grades PB2, AB2, LG2, LG4 &
HTB1, to max wt 350 kg per
casting.

Special Tool Steels to European & American Standards

DIN, ASTM, SAE etc.



ARL3460 Spectrometer



patterns



East Coast Casting Co Ltd. has its own in-house pattern making facility.

In addition to in-house, we have access to a number of sub-contract pattern makers. We are able to manufacture, modify or repair most types of pattern equipment and can usually offer a fast turnaround when required.

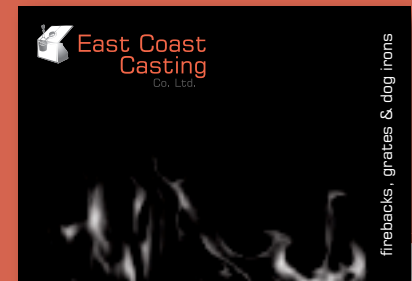
We have extensive pattern storage space available on site.

fireside

We also make fireside products including:

- firebacks
- grates

See our fireside brochure for more details.



the RJ Mitchell trophy...

East Coast Castings were approached by the M.O.D about the possibility of casting a trophy, using metal from a real WW2 Spitfire. The Trophy was to be presented to the winners of a competition to produce a specialist remote controlled vehicle for the M.O.D.

The trophy is formed out of metal from the wing spars of a Spitfire MK356. It takes its inspiration from the graceful lines of the aircraft and the innovation of its creator.

The metal has been donated by the RAF Battle of Britain Flight. MK356 was built in 1944 and during its career was damaged three times. It also saw operational service on D-Day where it gave cover patrol to an invasion beach head.

Since the end of the war it has been used as an instructional airframe and a gate guardian, returning to the skies in November 1977 as part of the Battle of Britain Memorial Flight.

Reginald Joseph Mitchell (1895-1937)

RJ Mitchell invented the battle-winning Spitfire.

During his career Mitchell designed and developed 24 aeroplanes over a 20 year period. The single-seat spitfire was designed between 1934 and 1936, entering service in 1938. It was a hybrid of many diverse technical developments and a masterpiece of practical engineering design.

RJ Mitchell Trophy – 2008 Winners

Presented by Government Chief Scientific Adviser, Professor John Beddington.

STELLAR
SATURN

Sensing and Autonomous Tactical Urban Reconnaissance Network

Saturn blended civil and defence technologies through systems integration to produce a fully autonomous multi-vehicle system, which outperformed all it's rivals

Picture shows Government Chief Scientific Adviser Professor John Beddington with Team Stellar





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FSC



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