OVER 40 YEARS OF MANUFACTURING INNOVATION.
MISSION STATEMENT

The success and future growth of our business depends on always holding fast, with determination, to the ideas that were our core values when we started our company. We must begin with the very finest raw materials, and continue to ensure that our manufacturing techniques are state-of-the-art. To this end we should always re-invest profits to stay in the vanguard of machining technology.

We also have to apply the most stringent quality control systems, and when all these are allied to the very finest customer service in the industry, we will continue to be an excellent supplier providing excellent products. It is also our duty to be aware of our environmental responsibilities, and to act accordingly in all aspects of material handling and disposal. All our staff will endeavour to make Erodex easy to deal with, and ensure that it is the norm for our customers to trust us and rely on us. In this way we will remain the market leader giving value to our customers and job security to our employees.
Erodex was founded in 1974 by Ray and Fred Rolinson, with the vision of supporting the UK’s growing EDM industry.

Since then, we’ve grown a reputation for the quality of our graphite materials, EDM Wires, EDM Spares and service. With this policy, we have quickly become market leaders in our industry and began expanding into new markets.

By the mid-1980s, we launched our now state-of-the-art machining facility in Darlaston, West Midlands.

The addition of our machine shop enabled us to manufacture our own graphite electrodes in house. This quickly became a major part of our business and further cemented our reputation as market leaders in the UK’s EDM industry. Following this, we expand into other industries and have since operated heavily in semi-conductor, mechanical, high temperature and more.
In 1999, the acquisition of Engineering Carbon Products allowed us to further expand into the carbon brush and ancillaries market for servicing electrical motors.

With our existing expertise in carbon graphites and increasingly sophisticated machining facility, Erodex and ECP created a streamlined, rapid turnaround service for the electrical motor breakdown market.

In 2009, we completed the take-over of BWP Technical Services, a design house that specialised in electrodes and tooling for the aerospace market. With the design expertise of BWP and manufacturing knowledge of Erodex, we could now offer a complete in-house design & make service for graphite electrodes, aerospace fixturing and tooling.

As the demand for Erodex produced electrodes grew, it became apparent that the ability to design in house was needed.
WHO WE ARE

Erodex specialise in the design and manufacture of graphite electrodes, as well as fixturing and tooling for the aerospace market and IGT. Other areas of expertise include EDM, for which we are the UK’s leading supplier of wire, tubes, wear parts, resin, filters and other consumables - plus semi-conductor, mechanical, high temperature and many more industries.

The Erodex Group is based across four UK sites - Halesowen, Darlaston, Croydon and Poole, as well as one on the East Coast USA. While we’re all one company, there are three main divisions - Erodex, ECP and Erodex Tooling Solutions that all specialise in their own areas. In combining these expertise, we are able to offer a single supplier and streamlined service for a number of complex and highly technical subjects.
Allied with our state-of-the-art machining facility and over 40 years’ experience in working with graphite, we work directly with the customer from concept, to design, all the way to manufacture, trial and production. This has been evident as we have moved further into the high temperature furnace market. With the supply of extruded graphites, CFC materials and fibreboard from Germany’s SGL Group, we have seen our presence grow significantly for the high temperature furnace industry.

**GRAPHITE & MACHINING**

We supply a vast range of graphites for every application, from the quality of our Duragraph grades, to the world renowned, fine POCO materials. With our expert knowledge of all graphite applications, we are able to select the ideal grade to suit the customers requirement.
HIGH QUALITY MATERIALS

We believe in only working with the very finest materials and the importance that plays in the quality of our products. While this policy started with graphite, it has continued throughout the company and now is applied to all our products.

Whether a raw material such as copper-tungsten, or a finished, UKAS certified fixture – the customer can rest assured that the utmost care has been taken during every stage of production. We continually invest in the latest technology and best people to ensure our products are to the highest standard. Our commitment to quality means we work with some of the largest EDM, semi-conductor, metallurgical, electrical and mechanical companies in the UK and beyond.
EDM WIRE

At Erodex, we’re always looking at the latest technologies and keeping ahead of the game in EDM wire development. In doing this, it allows us to always offer new types of wire and provide better accuracy, increased speed and improved surface finishes, as well as a tailored option for all machine types.

As the UK’s largest supplier of EDM wire, we stock brass and coated wires, in all wire diameters, reel sizes and tensile strengths, available ex-stock.
While providing the OEM code is always preferred, we can advise on the correct wear parts for your machine simply with a description, machine model, a visit from one of our technical sales engineers or just a sample. In offering this service, the customer can rest assured they will get the right replacement part first time, every time. Popular products include:

**EDM SPARES & CONSUMABLES**

We hold a large stock of EDM spares & consumables for both sink and wire EDM equipment, with more available on request. Erodex EDM spares and consumables are of the highest quality and will ensure the customer’s machine continues to perform.

EDM FILTERS | WEAR PARTS | DEIONISING RESINS | EDM FLUIDS | EDM TUBING | TUNGSTEN WIRES | ANTI-RUST
Erodex Tooling Solutions is the tooling division of Erodex. Specialising in the design of EDM electrodes and fixturing, as well as the manufacture of fixturing to either our designs or the customer’s existing drawings. We also offer full fixture care services to the aerospace and IGT sectors, as well as working closely with the automotive and medical industries.

With over 50 years' experience working to Rolls Royce aerospace standards, we are able to provide an unrivalled offering of both quality and customer service. Utilising our in-house design team, growing number of manufacturing engineers and dedicated scheduling team, we offer a full project management service and a single point of contact for the customer. The recent additions of two new tool rooms and a state-of-the-art inspection room, has enabled us to have an even greater level of quality control and the ability to explore new projects.
ENGINEERING CARBON PRODUCTS

Engineering Carbon Products or ECP, is our division designed to serve the motor rewind market. We manufacture carbon brushes in-house and are happy to make a single carbon brush or a large batch, depending on the customer’s requirement. In addition to this, we also carry a full range of ancillary products that include brush holders, sliprings, commutators, spring clips, comm stones and many more.

The ability to quote and manufacture replacement brushes in the same day, combined with our two dedicated UK manufacturing sites in both Darlaston and Croydon, offers a unique service to this often time sensitive market. We are also able to visit on site with our trained, technical staff and conduct a full survey for the customer’s carbon brush requirement.
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