Engineering for the Glass Industry

At the forefront of our Engineering Strategy are the demands created by tighter and more complex requirements in the Glass manufacturing process coupled with the need for lower emissions and energy and water consumptions.

Glassworks has both an intricate knowledge of and proud history in the Glass Industry that dates back more than 50 years. This experience and expertise is our key to delivering customer specific projects on time and on cost.

All our engineering is of both the highest standards and quality and is carried out in house. Glassworks Hounsell has been ISO Registered for more than 15 years allowing us to remain a leading manufacturer of all batch charger types and specialist machinery.

Put our experience to work for you.
Tin Oxide Electrodes and Connector Systems

Glassworks first supplied Stannex Tin Oxide electrodes to the Glass Industry in 1969 and as such no other company has amassed such experience. Many modern glasses are produced without imperfections (blisters, seeds, cords etc) and demand that the electrodes and application are of the highest quality.

All STANNEX electrodes are isostatically pressed and contain no recycled or reclaimed material to ensure superb consistency. Carefully selected additives allow the electrode properties to be tailored to suit the appropriate glasses (870°C to 1650°C) always ensuring a high density product with exceptional electrical conductivity and refractory properties. Tin oxide can often be the preferred choice over Molybdenum which may otherwise seem the obvious choice.

Glassworks design and manufacture the required connector systems for each application and as precision engineering plays an ever increasing role (as tolerance become tighter) Glassworks has developed Advance-able Electrode Technology to stop the electrode determining the life of a furnace.

Every electrode is individually tested and approved before dispatch.

Glassworks Hounsell
Quality Engineering

Glassworks Hounsell's inhouse engineering capability far exceeds the expectations of our customers. We utilise a range of manufacturing machinery to ensure the precision and robustness of components. We engineer and hold a selection of "off-the-shelf equipment" for engineering projects. For specialist or large-scale manufacturing, construction can be engineered at in our 5,000ft working area, served by a 7 ton overhead crane, for shipment to site for assembly.

Glassworks Hounsell continue to invest in traditional engineering skills and modern equipment.

Fabrication

Metal Inert Gas (MIG), Manual Metal Arc (MMA) and Tungsten Inert Gas Welding of mild steel, stainless steel and aluminium, to BS4872 Part 1 and Rolls Royce spec. 172 ref 38301 D & D1 certification.
A HISTORY OF ENGINEERING EXCELLENCE

Glassworks Hounsell is privately owned with a long and proud history of maintaining traditional values in business and customer relationships since its establishment in 1887.

In that time our specialist engineering expertise has gained a world-wide reputation for excellence in various industries including Glass, Confectionary, Automotive and Aerospace.

Located in the manufacturing heart of the West Midlands, Glassworks Hounsell have all the resources and capabilities at hand to meet any manufacturing requirement for customers in search of general and precision engineering to internationally recognised quality standards.

We are NQA certified as general engineers making special purpose equipment and our solid commitment to quality is constant whatever the scale of engineering project we undertake, from design, manufacturing and installation.
CONTACT DETAILS

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