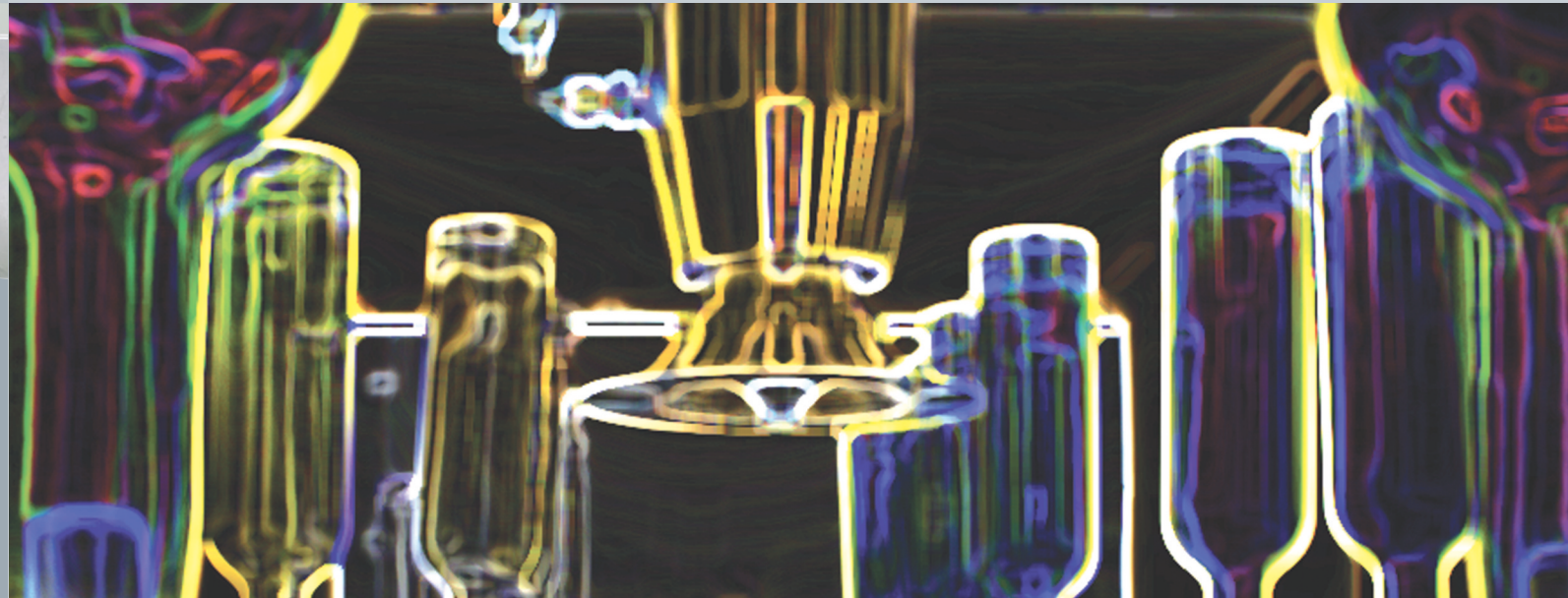
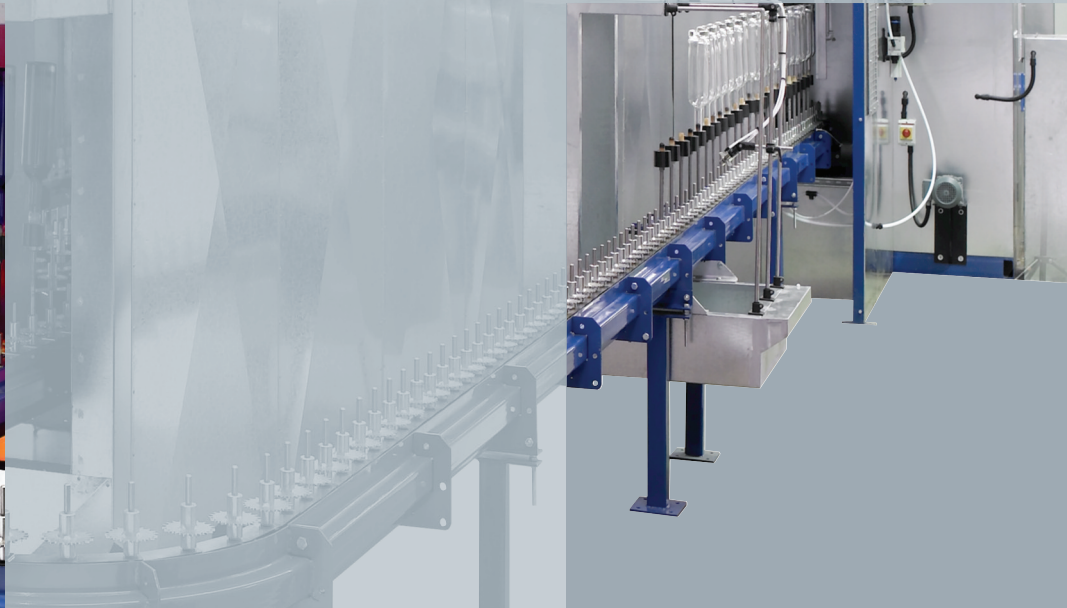


Our quest From conventional organic coating our quest has been to develop a highly efficient and environmentally aware process that would add value to glass in terms of “shelf presence”, protection, containment and function.

The electrostatic process can truly give the impression of coloured glass. The hardness and then coating of the bottle retains the feel of true glass.

Quality is paramount within our organisation. Quality is our future; we invest significantly in continuous development and refinement of the well-established technique.



GLASSCOAT
colour coating glass worldwide

MACHINERY DIVISION

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COSMETICS • PERFUMERY • BEVERAGE • HEALTHCARE • MEDICAL • GIFTWARE

GLASSCOAT
COATINGS DIVISION

MACHINERY DIVISION

colour coating glass worldwide



A unique service

We are able to offer a unique service to our customers from conception through to commissioning, having full design and engineering capability. This enables us to give a turn key, quality response to companies needs and the environmental standards. Our day to day experience of operational production of bottle coating gives an insight into application practicalities and commercial realities.

The process

The electrostatic disc system process involves producing microfne coating particles, which are “precipitated” and attracted onto the surface of the glass using electrostatic voltages. The charge on the coating particles is dissipated through the glass leaving the neutral particles on the surface of the glass.

The system offers many advantages including:

- Double the efficiency of conventional spray application.
- Flexibility to handle very complex shapes, colours and textures.
- Very fine particles, giving a very even coating and high quality finish.
- Process is multi layering. 8 – 12 layers or coats per container.
- Accurate control of film thickness.
- Minimum wastage and efficient material usage.
- Very low material unit costs.
- Fully enclosed system gives a clean working environment.
- Process capable of handling high volume production.

Ideas to Reality

We offer a wealth of experience and take pride in our customer service, ensuring clients receive effective, reliable, state of the art technology. We offer design consultancy across the breadth of spray coating to achieve new objectives, cost effectively realised with the environment in mind.

Customer Care and Support

With our technological and customer support solutions we have substantial experience of working with our international clients to provide the reliability that is needed in high volume production. Our approach has established long term collaborative relationships with all of our customers giving us a reputation for integrity and reliability for an industry in which we are highly respected.



Glasscoat has been involved in considerable research and development in the glass finishing industry since 1970, designing, manufacturing and installing coating process plants worldwide. A particular expertise in electrostatic coating of glass lead to Glasscoat International being formed in 1993, with our own coating process plant in the UK.



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Flexible products

We have the experience to purpose build machinery for the glass container industry & associated products.

- Beer, wine, spirits and mineral water etc
- Decorative, giftware and tableware
- Perfume and cosmetic containers
- Medical and healthcare containers
- Flat glass, tiles etc



Finishes available extend through the colour spectrum and can be: Matt, gloss, transparent, etch, metallic, pearlescent, fluorescent, phosphorescent, Luminenscent, fragment retention, soft feel, and multi colours.

Substrates of the glass can be coated in certain plastics and metals.

In meeting the challenge of customer requirements we have developed other glass coating technologies. In addition to electrostatic disc we can design systems employing:

- Electrostatic bell
- Spray guns:- Electrostatic
Conventional
Ultrasonic

International Research & Development

Glasscoat is continuously striving to develop new machinery capable of increased quality, productivity and efficiency with organic and inorganic coating process technologies whilst being aware of energy and labour costs around the world.

International Development

This process has lead to volume bottle coating in the UK, with three of the six major glass producers using electrostatic coating technology. We have continued to develop this technology and promote its advantages around the world. This has led to installation of equipment to a range of clients worldwide.