

ACTON[®]
FINISHING

we redefine

Services

Subcontract Services

For customers that need a Mass Finishing solution and do not have the experience, the capacity required or are not ready to invest in Mass Finishing equipment, ActOn can offer specialist services.

Our services include:

Vibratory and High Energy Finishing	Precision Polishing and Inspection
Equipment Refurbishment, Spare Parts and Polyurethane Lining Services	Shot Blasting Subcontract

Our experience has been built by working with clients from different industries and developing cost effective solutions for their components. Our highly skilled team will ensure we deliver a service which is of high quality.

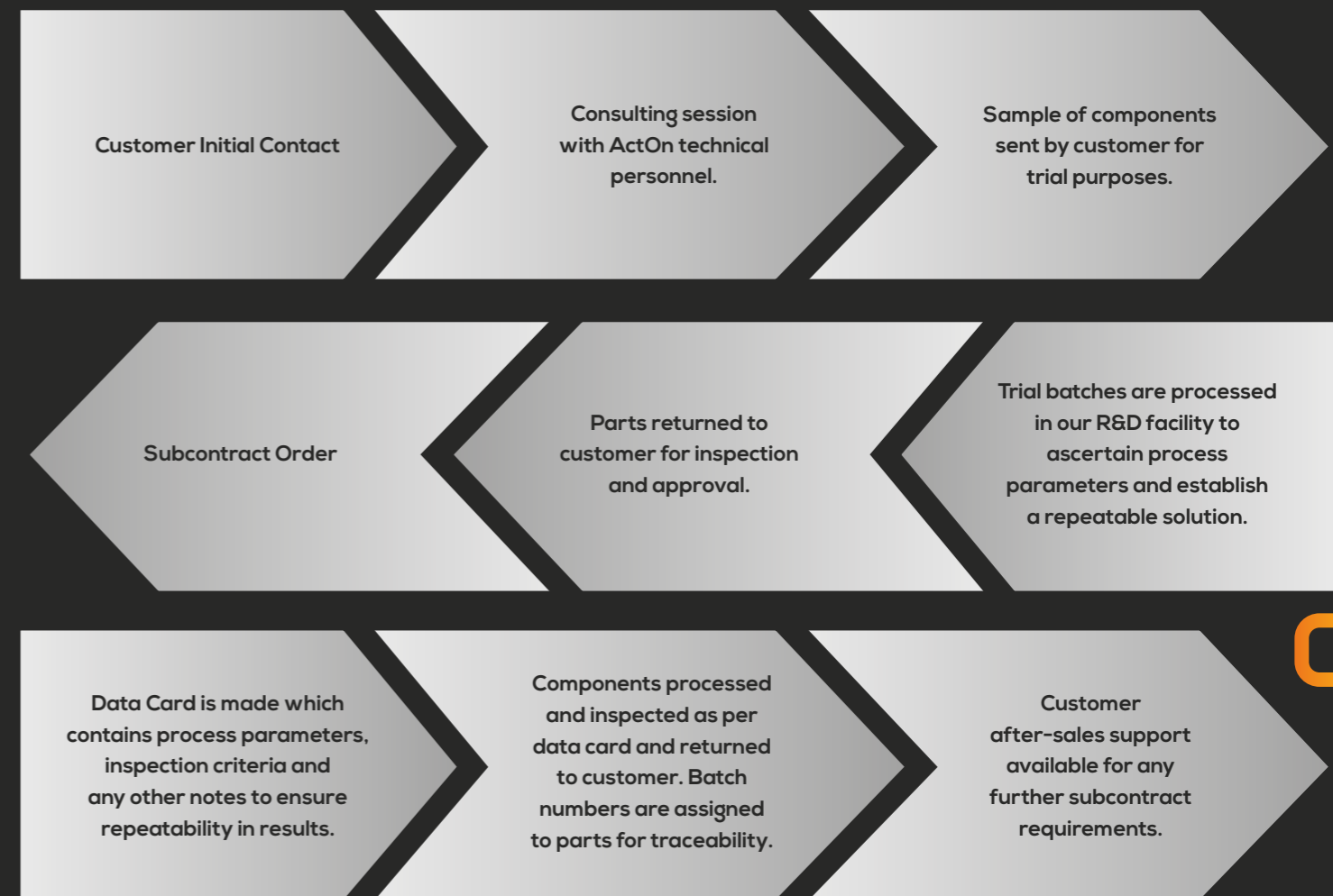
Key Benefits

- ✓ Free trial and technical consultation to ensure finishing result is as per customer's requirement.
- ✓ Quick turnaround time based on the delivery time of components from customer.
- ✓ Controlled subcontract processes to ensure constant high quality finishing on all components.
- ✓ Transport option available to facilitate a quick turnaround time.
- ✓ British company with 5 decades of experience in component finishing.
- ✓ British leading manufacturer of mass finishing equipment and consumables.

Applications include

- ✓ Deburring
- ✓ Descaling
- ✓ Degreasing & Oil Removal
- ✓ Cleaning
- ✓ Smoothing
- ✓ RADIUSING
- ✓ Brightening
- ✓ Polishing
- ✓ Drying
- ✓ Corrosion Protection
- ✓ Super-finishing
- ✓ Surface Finish
- ✓ Mirror Finish
- ✓ Defect Removal
- ✓ Stock Removal
- ✓ Removal of Machining Lines

ActOn Subcontract Steps



Notes:

1. Trials are carried out free of charge. If required, further trials will be carried out to achieve the component finish.
2. Inspection procedures and data cards can be approved by the customer if required before parts are processed.

Request your free processing trial today by contacting our sales technical team or scan the QR code and complete the trial form.

High Energy & Vibratory Finishing

Here at ActOn, we have an exclusive facility, equipped with state-of-the-art finishing machinery, such as high energy and vibratory machines. All our machines are manufactured at our site in Coventry, and along with our range of consumables, we offer a complete package to achieve the required surface finish.

Centrifugal High Energy Finishing

The high energy machines provide a speedy finishing solution, as well as a high quality finish to the parts, eliminating any need for fixturing and preventing their impingement. Our subcontract facility has a range of high energy systems made with the latest in high energy technology. With a variety of applications, the high energy machines can give you an aggressive cut-down; yet are precise enough to give a mirror shine to most of your delicate components. Both wet and dry processes can be carried out in these machines.

One of the main advantages of the high energy finishing is the reduced processing times, with most applications taking between 10 to 30 minutes. Hence, ActOn can provide a quick turnaround time for the finished components.

Vibratory Finishing

Along with the high energy machines, we also have vibratory finishing equipment, which processes parts of variable sizes and batch quantities. Our range of vibratory finishing machines available in our subcontract facility includes bowls, troughs and dryers. These machines have been built to suit various customer applications from deburring, descaling, radiusing and cleaning to polishing, drying and surface improvement. The wide range of vibratory machines and accessories enables us to process parts with different shapes and sizes.

Even though the process time required to finish components in the vibratory finishing machines is longer in comparison with the process carried out in the high energy finishing machines, we offer a competitive turnaround time and a cost effective solution.

Click [here](#) to request your Free Trial today!



Shot Blasting Services

We also offer shot blasting service from our Coventry facility to our customers in the Architectural, Automotive, Defence, Design, Food Manufacturing, Health and Safety, Marine, Steel Manufacturing and Profiling industries.

Our service can achieve the desired Sa standards to ensure that the part's surface is cleaned to the specification.



Products we redefine

Here are just a handful of products from different industries that we have processed in our subcontract facility.

Aerospace



Before



After

Fashion



Before



After

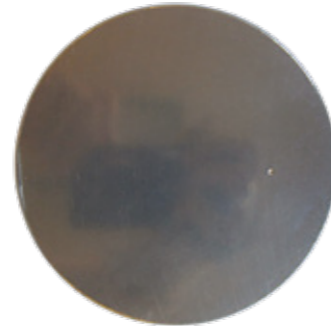
Automotive



Before



After



Hospitality



Before



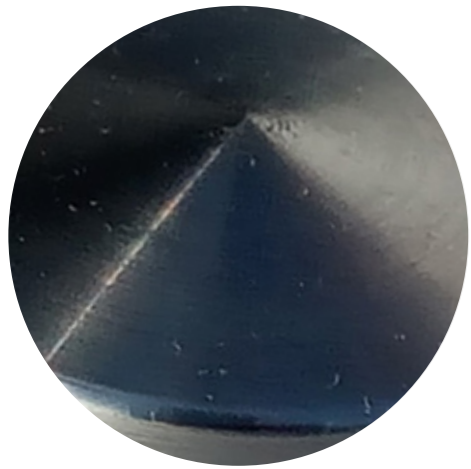
After

Products we redefine

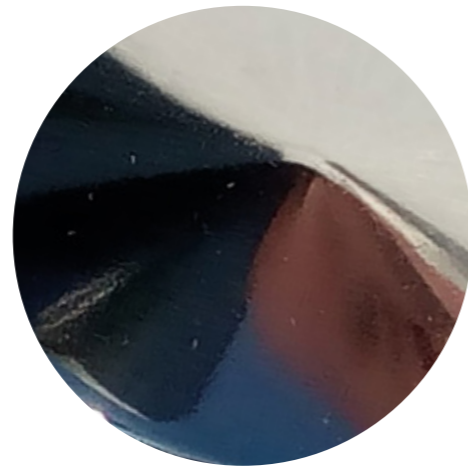
Here are just a handful of products from different industries that we have processed in our subcontract facility.

Coin Blanking

General Engineering



Before



After



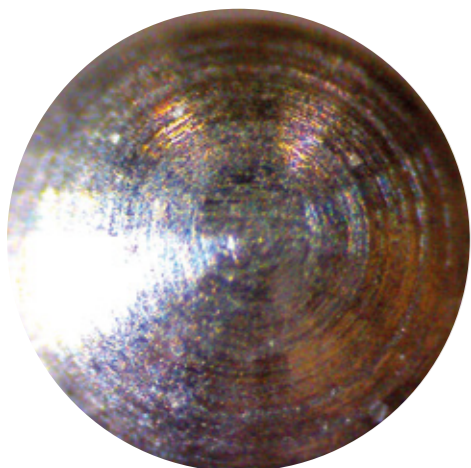
Before



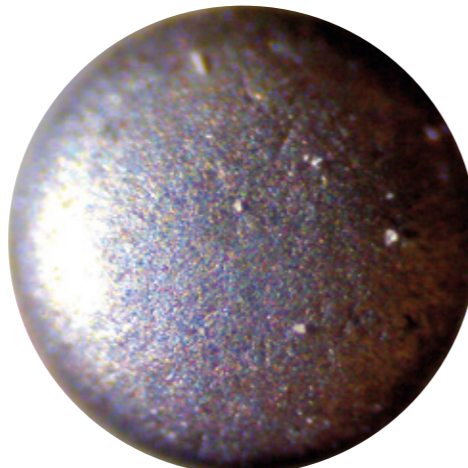
After

Manufacturing

Medical



Before



After



Before



After

Precision Polishing & Inspection

In order to provide you with complete surface finishing solutions, we offer a precision polishing service for components from various industry sectors. In combination with our barrelling capability, you'll benefit in terms of cost, delivery and quality. Our applications include removal of manufacturing defects on medical components, aerofoils, gun components, automotive parts and many more, which are inherent in the casting and forging process.

To comply with the quality standards required by our customers, ActOn has continuously invested in the development of the machinery and technology and has implemented and followed a stringent quality control code. Nevertheless, a big part of our success is due to our commitment to employing highly skilled staff and continuously training them to the required standards.

Our trained inspectors ensure every component is inspected to the required specification prior to delivery. The inspections can include visual, dimensional and surface finish measurements. Our document controls ensure that all inspections are recorded for traceability purposes.

The following are some examples of components we precision polish and inspect:

- ✓ Aluminium forgings
- ✓ Gun bodies
- ✓ Aerospace blades
- ✓ 3D printed parts
- ✓ Medical implants
- ✓ Automotive pedals

[Click here](#) to request your Free Trial today!



Polyurethane Lining

As manufacturers of finishing machines, we understand that over time the lining of the machines wears out. ActOn machines are renowned for their durability and we offer our customers a full relining service. We offer reline services on machines from different manufactures and we have in house capabilities to manufacture moulds to suit the requirements of our customers.

All machines are stripped, cleaned, inspected for any cracks or damage (repaired accordingly), casted and demoulded. The lining is finally inspected before being despatched.

Key features and benefits

- ✓ Capability of casting up to 150kgs of polyurethane at a time
- ✓ 12 months warranty on all relines
- ✓ Refurbishment service available for damaged bowls
- ✓ Competitive pricing
- ✓ Hardness ranges between Shore 60A to 95A
- ✓ Option to fabricate custom moulds for machines and spare parts
- ✓ We can design and manufacture polyurethane masking for parts that are being processed
- ✓ To minimise production downtime ActOn offers rental options and subcontract services

Machinery relining of bowls and troughs



Polyurethane masking development for processing parts & polyurethane lined spares



Equipment Refurbishment and Spare Parts Service



As part of ActOn on-going support, we provide equipment refurbishment service and spare parts service. We can overhaul your older equipment, bring it back to life and make it safer to use. To ensure our clients' production does not suffer, we can offer exchange equipment rental or subcontract services. We also provide maintenance contracts which ensure your equipment is being inspected and maintained by experienced engineers, thus avoiding future major refurbishment requirements.

We maintain a complete inventory of spare parts to ensure that you do not lose production time. We offer to install your spare parts or deliver it to your location.

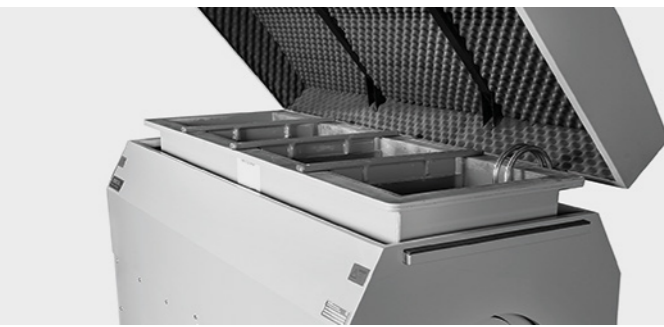


we manufacture



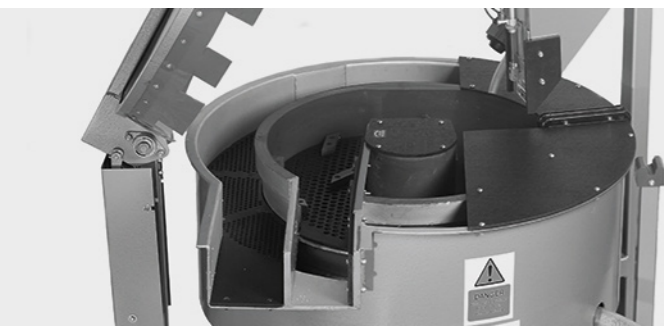
Bowls

Each of our Bowls are simple to operate, highly efficient, and manufactured in classic designs and sizes to meet your unique applications.



Troughs

We offer Troughs in many different sizes and an infinite choice of length and width combinations, making them one of our most versatile. These are particularly useful for larger components.



Duals

The orbital Dual finisher works to both deburr and dry in one single unit. This is both an excellent and economical finishing option.



Dryers

Our unique, elliptical-shaped Vibratory bowl drying machines are compact in size, and simple to operate. The design provides the flexibility to use it as an effective 1 lap drying process or a multi lap process. We also offer centrifugal dryers, conveyorised ovens and rotary dryers.



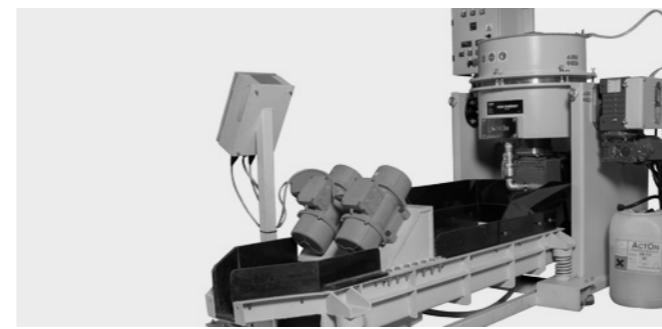
Wheel Polisher

Suitable for achieving a highly polished finish on wheels with different sizes (up to 610 mm), the AWP188 machine has been designed to be simple to operate and to produce excellent results. The wheel polisher is great for grinding, smoothing and polishing processes.



Centrifugal High Energy

Engineered with the latest technology, the drive mechanism is designed to produce high g-forces, resulting in shorter process times. This technology can be used for both wet and dry processes.



Centrifugal Disc Finishing

Centrifugal Disc finishing machines have been designed to be reliable and easy to operate. The spinning motion of the disc machine is given by the disc situated at the bottom of an open barrel. The rotating disc makes the media, compound and parts to move in a rolling motion, resulting in effective finishing process in the shortest time.



Shot Blasting Technology

We offer a wide range of shot blasting machines, including a Portable Abrasive Blasting Series, Wet Blasting Cabinets, Suction Blast Cabinets & Pressure Blast Cabinets, to help our customers achieve the surface finish they need every time.



DLyte Technology

DLyte Finishing Technology is a fully automatic finishing system which enables you to deburr, grind, surface finish & mirror polish in one step. It is used for metal parts which require high performance or superior finishes, including steel and stainless-steel, cobalt chrome, titanium, nickel and other common metal alloys.



Waste Water Treatment

During the finishing operation, the effluent can be polluted with oil, media and metal fines. Our customers trust us to help select a waste water treatment system that complies with the industry's growing regulations. Once processed, the effluent is treated in the ActOn centrifuge system before being discharged to the drain or recycled.



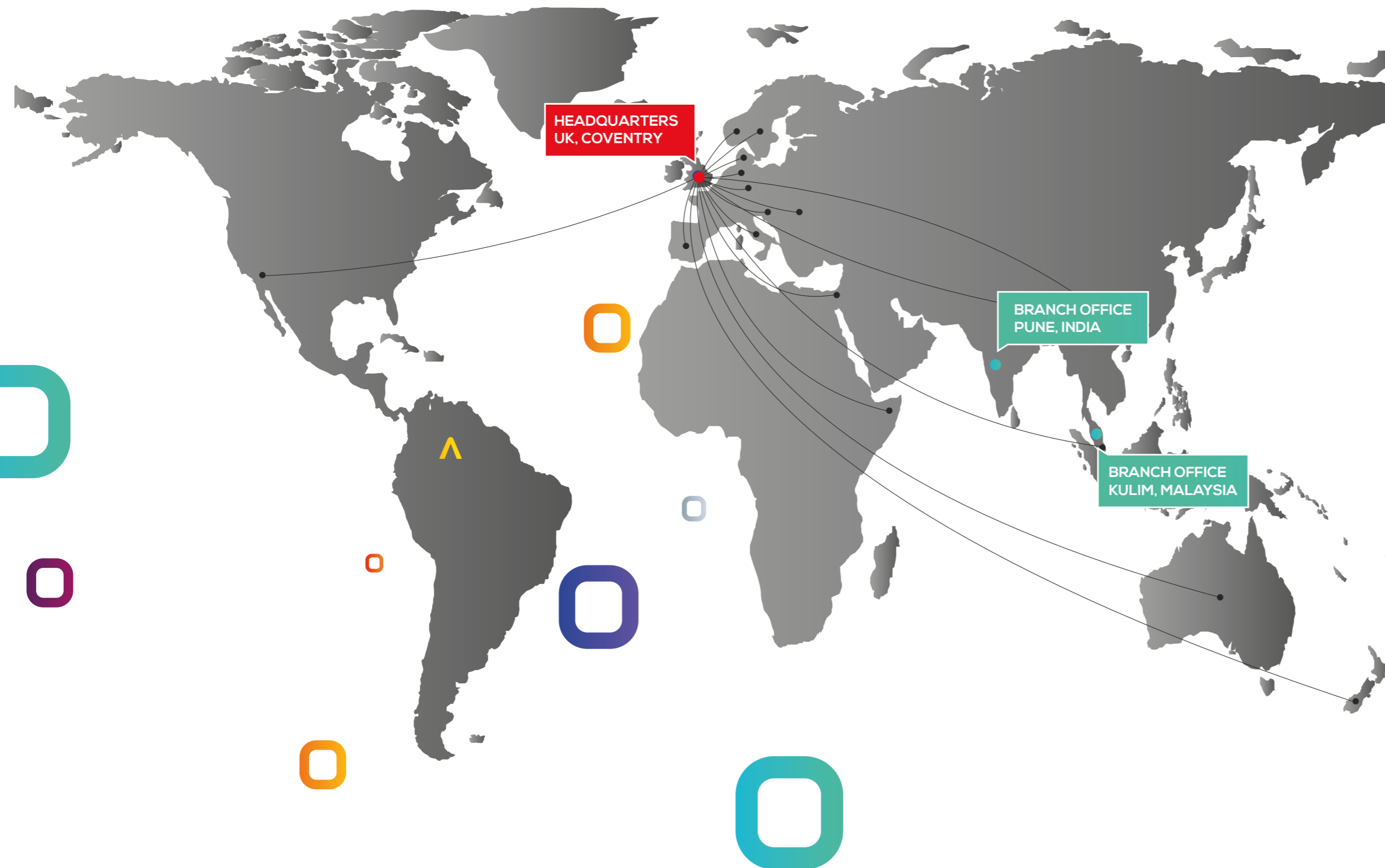
Consumables

Our consumables are an important aspect of finishing. From ceramic, plastic, drying and blasting media to liquid compounds, we ensure that you achieve the optimum results in the most cost-effective way.

Please refer to our individual product brochures for more information.

A Global Service

We might be located in the heart of the UK, but our quality and innovation reaches every corner of the world. We like to call it our Global Service.



We're located in the heart of the UK, making us easily accessible.

We're a strong believer in British quality, and all of our machines are manufactured to such.

There's also a variety of nationalities within the business, meaning there's always someone who can interpret and serve all of your overseas needs.

**Interested in partnering with us?
Get in touch.**

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Map Key:

- Headquarters
- Branch office
- Distribution areas

What Our Customers Say

“We have saved money and time by using ActOn’s subcontract facility and the finishing is excellent every time.”

“ From the trial stage, ActOn has tailored their services to fit our requirements. We have a great technical relationship with them and we feel confident that their engineers monitor the process at all times.”

“ As our finishing facility could not handle the volume of work, we have contacted ActOn as we believed they offer great support. This was a cost-effective solution which allowed us to focus on our core processes. ”

Quality You Can See

We pride ourselves on our excellence, and over the years we have successfully demonstrated an ongoing compliance with ISO quality and environmental standards.

For ISO, we currently hold:



We're proud members of the 'Made in Britain' campaign.



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