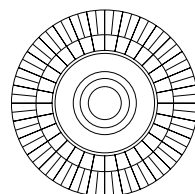
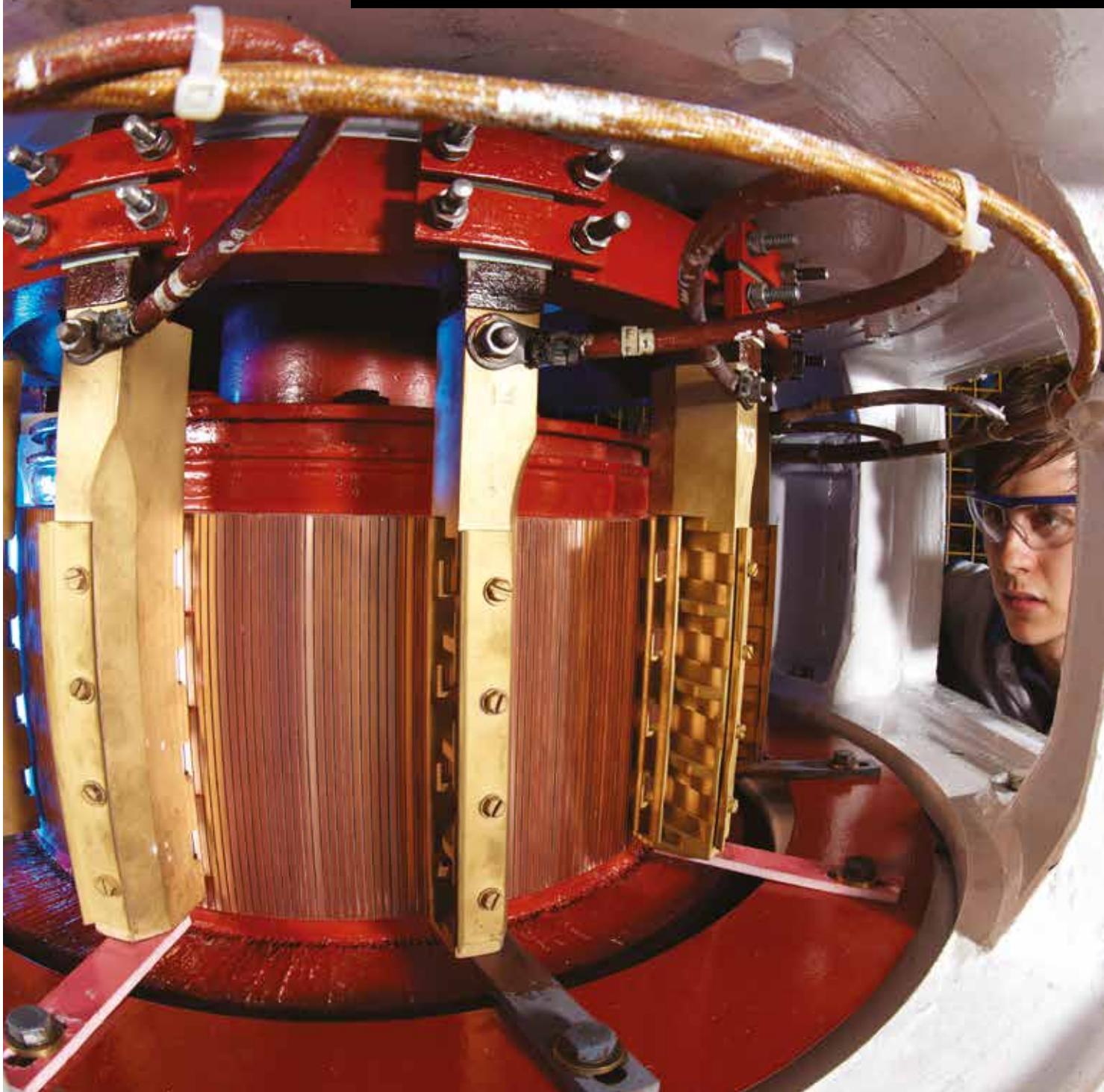


LAMBETH COMMUTATORS

Keeping the Motor Running



LAMBETH
COMMUTATORS



BUILT FOR BETTER PERFORMANCE

When a commutator fails, the simplest solution is to remove it, repair it, and re-install it. However, if there's a recurring fault this just means it will happen again sooner or later.

Lambeth Commutators takes a broader view, and if necessary we can design and manufacture a special, or redesign the existing commutator, to overcome recurring problems – leading to greater efficiency, less downtime, and lower service costs.

Even if it's simply a case of a straight repair or replacement, a Lambeth Commutator is as good as – or better than – the manufacturer's original.



That's because firstly, we hold a large library of original manufacturers' drawings, enabling us to produce to the precise original specification. And secondly, we have developed, tested and proved a unique pressing procedure which delivers superior results to the standard rotary seasoning used by other repairers.

The innovative procedure eliminates the bar lift which can occur with the rotary seasoning technique, and helps to produce a higher quality, more robust, more reliable commutator than other methods.





ALL MANUFACTURERS

ALL SIZES, ALL TYPES

Now the major manufacturers no longer support their own DC motors, Lambeth Commutators makes a point of offering a commutator repair and replacement service for all major motor makes.

Unlike other repairers who tend to offer repairs only for moulded-type commutators, we also provide support for steel commutators (including Pollock-type) and cantilever ("flying") commutators – and in sizes from 100-1500mm.

Support for cantilever commutators means that this design is no longer irreparable when it becomes unstable, goes out of shape and fails.

Lambeth Commutators offers a rebuild to the original dimensions at a fraction of the cost of a new motor, with a far faster turnaround.

As an added benefit, the redesigned and rebuilt motor is built to a better quality than the original, and has a longer service life.

SLIP RING SERVICE

Manufacturing and supplying slip rings is an integral part of Lambeth Commutators' service.

With the advantage of a large library of manufacturers' drawings, we build all types of slip rings to the exact OE specifications, for applications as diverse as standard motors and – for example – rotating radar towers for a European Air Force.

Where the drawings are not available, Lambeth Commutators can acquire the

necessary dimensions even from a burnt, collapsed or worn set of rings, and create a serviceable redesign and a high-quality finished product.


The turnaround from receipt of order to delivery of a set of slip rings is exceptionally quick, as we maintain a standard stock of materials to reduce lead times. Pricing is also highly competitive.

BUILDING A BETTER COMMUTATOR

Commutators from Lambeth Commutators are made from a combination of copper, steel and insulation. Commutator copper includes 0.03-0.1% silver, which enhances the copper's ability to withstand heat and stress for prolonged periods. Insulation can be made from a number of materials, but mica is the most effective – insulating the copper segments from each other, and from the steel body. In some cases, the insulation must withstand test loads of 7,500 volts.

Lambeth Commutators copies or redesigns the steel bodies, using steel or castings with a tensile strength of 40 tons/sq. inch.





EXPERIENCE, INNOVATION, EFFICIENCY

DC motors represent less than 1% of the motors market. But for the customer with a DC motor which is out of action, they represent 100% of the problem.

Fortunately, whilst the major manufacturers no longer support their own motors, Lambeth Commutators still offers a fast and efficient repair service backed by over 50 years' experience.

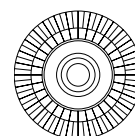
Although DC motors are relatively old technology, that doesn't mean there isn't scope for innovation and new ideas. So as well as providing repairs for customers' commutators, Lambeth Commutators also looks at ways to improve their efficiency, to overcome recurring problems, and to enhance their reliability.



Make the switch

Switch to Lambeth Commutators and you benefit not only from our 50 years' experience, but also from the backing and resources of our technical engineers. Our know-how and passion for technology helps to ensure that you receive a commutator and slip ring repair and replacement service which is quick and competitive, providing reliable products designed and manufactured to the highest standards. For a competitive quote for your next commutator or slip ring repair or replacement, simply contact Lambeth Commutators on the number below for a sizing form, or to arrange a site visit from an engineer to measure your commutator or set of slip rings, propose and agree a design, and meet your needs.

Contact Lambeth Commutators
Tel 0117 957 2458



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