



**Specialists in current transfer systems,
responding with insight to deliver**

Constant Connections





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At Cortela Australian Carbon, we have earned a reputation for providing the best connections to make machines work better and perform at their optimum. We are a team of technical specialists, providing quality engineered and manufactured carbon products along with professional advice, leading to improvements in machine availability, reliability and performance.

We facilitate better performing motors and generators and provide you with well-engineered products that outperform the alternatives. Our solutions are fine-tuned to your specific application, and we always provide concise details of any problem we identify. By selecting the correct carbon grade, redesigning the brush holders and applying the correct spring tension we can reduce maintenance costs, increase motor efficiency, and maximise performance.

We believe in educating our customers about the value of brushed machines. This philosophy is reflected in everything we do, and we have assembled the most technically competent carbon experts in Australia, and arguably the world. With more than 210 years of combined experience in brushed machines, we are well placed to educate our customers and provide an extremely high standard of service.

Since we were established in 1979 we have gone through several stages of growth and have evolved to become a leader in the carbon industry, producing quality components to the highest possible standards. Most recently, we have moved forward from the Australian Carbon name to the new Cortela Australian Carbon brand which brings together a century of combined knowledge to provide effective and insightful carbon and current transfer solutions.

Responding with insight

Cortela Australian Carbon connects you with practical solutions by providing valuable insight into product selection and the diagnosis of technical problems. We achieve this by getting to know your business, your needs, and your assets. We keep a schedule of visits to your site, enabling us to monitor machine performance and keep up to date with your latest requirements.

When things are working well, we will work with you to introduce incremental improvements or product advances to ensure your assets are

well maintained. When problems do arise, we will help troubleshoot and provide you with recommendations to deliver tangible outcomes. We will then provide the professional assistance and training you need to maintain your asset and ensure it continues to function optimally.

Our global connections give us instant access to the solutions you need for any technical or performance issues that might arise. This enables us to provide unparalleled technical advice to effectively design, refurbish and improve rotating electrical carbon brush equipment.

Industrial troubleshooting

Our intimate knowledge of the many processes that occur in the brush chamber of a rotating machine means we can preemptively identify faults, even when they are not actually confined to the brush chamber. The carbon chamber often displays symptoms of how an entire machine is working, and we recognise and analyse these signs to preemptively resolve them. We understand the worst possible event for you is a costly, unscheduled shutdown due to an unexpected motor failure, and we have the knowledge, experience and

technical qualifications to help prevent this from occurring.

We apply our engineering expertise to interpret and troubleshoot the cause of the problem and offer an innovative design solution that is customised to your specific needs. Our aptitude for addressing issues before they become critical or catastrophic ultimately results in cost savings, improved productivity, reduced downtime and greatly minimised risk of unplanned breakdowns.

Making it right

At Cortela Australian Carbon, we are committed to making it right. We understand the technical complexities of the brushed area of the machine, and when problems arise we will work with you until they are resolved.

We use only the finest carbon materials available; the Ringsdorff and SGL Carbon grades are the world's most sought after, and we use these as the basis for our products. All of our products are traceable, and can be reproduced exactly, to ensure we can provide you with a consistent product no matter when you order it.

We understand that time is of the essence when a breakdown occurs, and react positively when you need it most. If necessary, we can deliver brushes within hours and holders within three days.

Our products are produced with in-line testing and monitoring according to DIN standards, ensuring a consistent and reliable product that is free of manufacturing defects. All orders are inspected before they are shipped to make sure every component is of the highest possible quality. If a quality problem does arise, we will provide a replacement with utmost urgency.

Products and services

Cortela Australian Carbon offers a broad range of product solutions and specialised services. To find out full details, email info@cortela.com.au



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