



engage the excellence

engage the expertise



David Brown is the premier provider of reliable, high quality drive solutions for process applications around the globe. With an unrivalled gearing design and manufacturing resource backed by a 145 year pedigree, we understand the needs of industry. We have first hand experience of the problems our customers face and the opportunities available to them. And we're committed to driving engineering forward. It's time to engage the excellence.

A Global Resource

David Brown is part of Textron Inc, a \$10 billion multi-industry company with more than 44,000 employees in 40 countries. This gives us access to a truly vast support network. We're also a sister company of Benzlers and Cone Drive, which means we can offer one of the most comprehensive ranges of gear products and services available anywhere. It places us right at the forefront in providing responsive, customer-led solutions – ranging from the management of emergency repairs through to analysing processes, conducting performance tests and from this recommending repairs, replacements and transmission upgrades or offering a full asset management programme.

Engage the Total Capability...

• On-Site Services

With fully qualified field service engineers in most key geographies, David Brown can provide the key services you need, direct to your process. From condition monitoring and fault diagnostics right through to installation, commissioning, alignment checks and emergency repairs.

• Gearbox Repair, Overhaul and Upgrade

We listen to our customers. We know they expect us not just to repair gearboxes from any manufacturer. They want increased capacity and performance, improved reliability and durability too – but without changes in the process equipment geometry. Which is why we use our technical know-how and experience to drive value into every overhaul or repair.

• Retrofit Replacement Gearboxes

In some instances a repair or overhaul is not an economic way to achieve a reliable and upgraded process. Through detail analysis and intimate understanding of the process, David Brown is able to provide replacement gearboxes that fit neatly into the original footprint and equipment geometry but provide substantial performance enhancements. Even when another manufacturer has made the original gearbox.

• ResQ – Emergency Response

However well you plan, there can be times when disaster strikes. Any unplanned event, leading to a partial or full process stoppage, can result in down time that is seriously damaging to your business. Fortunately David Brown's ResQ™ service will give you unparalleled priority support day and night, until the situation is rectified and your process is back in operation.

• UPTIME Asset Management

Downtime can make or break a business. That's why it's critical to find a partner that you can trust to take over the day to day management of key parts of your process. With David Brown UPTIME, we'll utilise the wealth of products, services and expertise we have at our disposal to offer you a wide range of value-adding maintenance options – from simple strategic spares management agreements through to full 'performance based' structures with guaranteed equipment availability.



 **DAVID BROWN**
A Textron Company



engage the experience



When it comes to providing the specialist products you need on time, on spec and on budget, David Brown can really deliver. This is because we work directly with 'end users' and operators. We create partnerships with our customers. We form strong, enduring relationships. All of which allows us to offer fast, effective support for an extensive range of heavy process applications. No wonder industries the world over have come to rely on our unrivalled knowledge and experience.

Cement

David Brown has invaluable experience in kiln drives, mill drives, conveying systems and the provision of on-site services.

Metals Processing

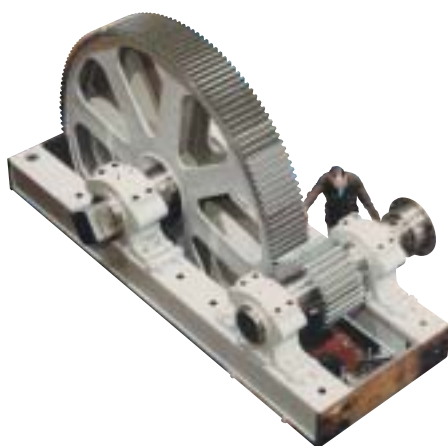
David Brown has formed close partnerships with a number of the top 10 steel and aluminium producers around the world. We offer a variety of products and services to maximise productivity and uptime, working both on-site and from each of its world sites to give a tailored service matched to each producer's exact needs.

Sugar Processing

David Brown is highly focused on partnering some of the largest sugar producers in the world, with the emphasis on increased output from within the same footprint. We have worked closely with producers to increase output whilst extending service life and plant reliability.

Marine

We're also a world leader in marine gearing solutions, working hand-in-hand alongside ship builders, design consultants and ship operators. Our expertise embraces the design, development, manufacture, through-life service and repair of drive systems for all kinds of surface and submarine vessels, including main propulsion drives of unlimited power.





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Material Handling

With products designed to work in the harshest environments and under the most extreme loads, David Brown are in their element in all types of heavy material handling applications. We can take care of everything from emergency repairs right through to planned capacity and performance upgrade programmes.

Mining

From large capital projects installing new AG/SAG mills using the highest integrity girth gears and mill drives, through to emergency repairs on conveyor drives, David Brown supports some of the largest mining concerns in the world. Be it replacement or repaired slew drives for the world's largest walking drag line or a simple on-site inspection and fault diagnosis for a ball mill drive, David Brown has the experience.

Power Generation

Principally focused on the coal-fired power sector, David Brown supports the full process, from coal handling through to coal pulverisation, boiler feed pumps, high-speed gas turbine boxes and flue gas desulphurisation plant. We have a great deal of experience in upgrading existing facilities to drive increased reliability, enhance performance and also expanding capacity as the need for power worldwide grows.



engage the technology

Quite simply, if you are looking for a solution in just about any industry or heavy application, then David Brown has probably engineered a product to fit that application, or one similar enough to give us great work applications to draw from. It's a unique capability. And it creates outstanding products.

put our expertise to the test.



Heavy Industrial Transmissions

David Brown has in-depth knowledge of a wide range of industrial applications from mill and conveyor drives through to specialist high speed drives and extreme heavy duty low speed/high torque drives.

Marine Transmissions

David Brown demonstrates an enviable heritage, with high integrity commercial and naval marine propulsion solutions, operating in over 300 surface and submarine vessels across 30 navies worldwide. Covering a vast array of ship types and duties working in arduous operational theatres, David Brown is sure to offer proven but optimised design concepts. All designs accommodate hull flexure, with solutions available from silent, low vibration technology through to multiple, switchable units and high speed applications.

Geared Motors

Our geared motors capability ensures that we can meet key industry needs with a rapid availability of replacement products that are configured to exact requirements, instant interchangeability on site and the ability to utilise standard motor configurations.

Large Industrial Gear Products

Compact designs ensure increasing output can be managed in ever reducing footprints. David Brown has a wealth of experience of arduous applications and extreme environments. This assures a high level of durability and reliability, combined with the flexibility to satisfy the widest range of applications.

Servo Gear Products

Our Servo Geared Motor range offers complete servo motor adaptability in a cost effective package. They are ideal if you wish to upgrade to servo control technology but do not require high precision gearing.

Worm Gear Products

Our worm gear products truly lead the way. Indeed David Brown were the first to develop the involute helicoid worm thread form in 1903 – an innovation which still remains the industry standard today.

Cone Drive worm gear products set the industry standard for dependability. With innovative technologies such as Conex™ Helicoidal and our true Double Enveloping geometries, our worm gear speed reducers cannot be beaten for compactness and shock load.

Our right angle worm gears have a compact design with high torque capacity. Series BS units from Benzlers can be sold as a gearbox or complete geared motor, and have proven their reliability in tough applications again and again.

Precision Servo Gears

AccuDrive Servo Gear Products from Cone Drive benefit from the expertise and innovation of our more traditional brands. If you are looking for a solution in motion control AccuDrive can give you the precision you require. We offer products in right angle and inline configurations in multiple levels of precision to suit your specific needs.

Screw Jacks

Our Screw Jacks perform light lifting from 1kg to heavy lifting up to 100 tonnes, at speeds up to 300m/s and strokes as large as 12 metres to satisfy a wide range of needs. We also use our application experience to provide complete Screw Jack drive packages to ensure you solve your motion control challenges.



Shaft Mount Reducers

Series J is a very user-friendly unit. It is easy to mount and dismount using our patented KIBO® system – and easy to service on the rare occasions that service is necessary.





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