

Geared for the

FUTURE



Power generation applications rely on innovative engineering technology to ensure maximum output with minimum costs.



Allen Gears prides itself in providing its customers with the most innovative, appropriate and cost-effective response; delivering the right solutions and service support to suit specific business requirements and expectations.

Financial and operational success in industry today relies on strong, intuitive partnerships between equals, striving for ultimate perfection.

At Allen Gears we recognise the value of such partnerships, which is why we entered the new millennium with a vision to provide our customers with a service second to none.

Worldwide Experience

More than 50 years and over 6000 gearboxes installed worldwide are testament to Allen Gears' experience in fulfilling customers' expectations in such diverse markets as power generation, oil and gas, hydro power, marine propulsion and wind power.

Quality Assurance

Quality is assured for our customers through uncompromising attention to detail, the finest material specifications and the total commitment of an experienced, dedicated and motivated workforce. Servicing and repairs are taken care of by Allen Gears Services, which has all the skills and knowledge required to deliver service support for any gearbox, anywhere in the world, at any time.

Allen Gears manufactures to the stringent quality assurance, ISO 9001; setting the highest standards for gearbox design and manufacture in the twenty-first century.



New markets offer opportunities to demonstrate our design and product development skills.

Successful partnerships begin with Allen Gears' thorough understanding of its customers' applications and develops through the design and manufacturing process to final delivery.

Allen Gears was founded on an innovation - the successful design, development and production of the epicyclic gearbox for high power, high speed applications.

In recent years, design engineers have become increasingly aware of the advantages offered by epicyclic gearboxes with their high reliability, efficiency and minimal space requirements. Allen Gears innovative systems solutions add further value to the overall package configurations.

A High Performance Product Portfolio

Constant product development and a strong focus on customer service have been rewarded by substantial growth, enabling the company to invest significantly in both product and manufacturing process improvements, including state-of-the-art CAD design and CNC cutting technologies. The result is a broad, high performance product portfolio which includes epicyclic, compound epicyclic and parallel shaft gearing up to 45 MW and 45,000 rpm.

The standards of design and build are such that in many cases they now exceed those demanded by world

regulatory bodies. This differentiates Allen Gears from its competitors and provides a real performance benefit for our customers.

Customer Satisfaction Guaranteed

Project management teams contain commercial, technical and operations specialists with many years experience setting the exacting standards which characterise all Allen Gears products today. An ongoing programme of training constantly supports individual and team development and, together with Allen Gears' commitment to product innovation and engineering excellence, ensures long term relationships with our customers.

Hydro power plants around the globe rely on Allen Gears.



Focusing on our customers' needs and responding with excellent service support since 1948.

Markets Served

- Power generation
- Hydro power
- Oil & gas
- Industrial applications
- Marine propulsion
- Wind power.

Product Range

- Epicyclic gearboxes
 - Free-standing
 - Engine mounted
 - Generator mounted
- Compound epicyclic gearboxes
- Parallel shaft gearboxes
- Bespoke combination gearboxes.

Specials

There are occasions when the configuration of the system necessitates the need for a unique type of gearbox. Allen Gears design and manufacturing facility prides itself in its innovative approach to providing solutions to these opportunities. There are a number of different options offered, for example:

- Combination parallel shaft and epicyclic units
- Two stage epicyclic and parallel shaft units
- Cradle gearboxes for test stands
- Two inputs and one output, and reverse options.

Allen Gears.
Optimising designs for
exacting conditions.





In partnership with our customers Allen Gears can develop specific service support programmes, ranging from the supply of spares to fully integrated logistics delivery.

Reassurance of a Skilled Service Team

Plant owners, operators and rotating machinery specialists in all our market sectors value the reassurance of the support provided by the Allen Gears Service team. Diagnostic skills and expert advice on maintenance procedures can ensure that gearboxes and associated machinery remain in excellent condition throughout the life of the plant.

The Highest International Standards

Our dedicated Service facility provides gearbox inspections, overhauls, repairs, refurbishments and upgrades.

All work is supported by a full warranty and conforms to the highest international standards, including API, AGMA, ISO and DIN.

Not an Allen Gears Original?

The Allen Gears Service team is qualified to undertake inspection, maintenance and repairs to any make or type of high speed industrial gearbox.

Contact us for more details.



The world's most advanced marine vessels are fitted with the world's most advanced gearboxes.



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POWER GENERATION ■

HYDRO POWER ■

MARINE PROPULSION ■

OIL & GAS ■

WIND POWER ■

SERVICES ■

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