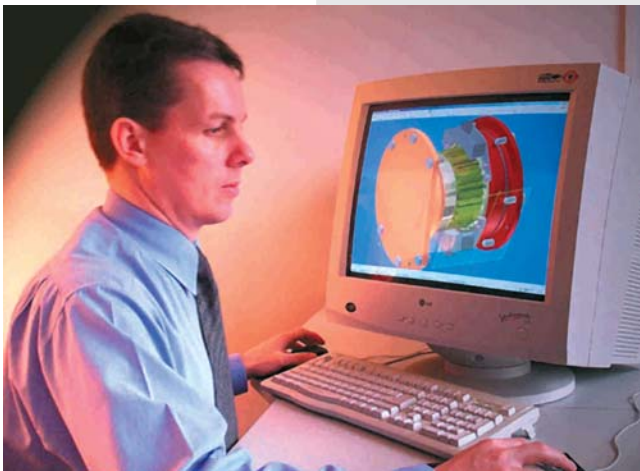


Design Consultancy

APG utilises Solidworks & AutoDesk Inventor for 3D modeling and 2D draughting software package. This allows virtual 3D modeling of components along with the creation of 2D manufacture drawings directly from the model thus ensuring very high design / manufacturing integrity and reduced product design lead-times.

Our capability is further enhanced by the use of analytical evaluation software techniques to assess component stress levels, deflection characteristics, fatigue life, safety factors etc. thereby designing out any identified weaknesses prior to manufacture.



- Design Consultancy
- Gear Manufacture
- General Machining
- Heat Treatment
- Assembly
- Repair and Overhaul
- Test

In addition, utilising AutoCAD 2004 software, we can readily interface with other third party software, providing direct engineering information transfer with our customers.

- 3D Conceptual Design
- Manufacturing drawing Packages
- Re- engineering for improved performance
- Analytical engineering evaluation
- Third party software links

www.apg-gears.com

APG's design team have experience of many diverse engineering applications. They can provide solutions, from the re-engineering of existing components, to give improved product performance, through to the complete design, manufacture and test of complete gearbox systems.

