

Gearboxes and gear couplings

High-performance Lufkin Gears and Allen Gears solutions and services for the most complex power transmission challenges

Lufkin, Texas, US

- Engineering, design, and manufacturing
- Repair, remanufacturing, and services

Fougerolles, France

- Engineering, design, and manufacturing, including epicyclic gears
- Repair, remanufacturing, and services

Pershore, UK

- Epicyclic gears design and field services
- Routine service, upgrades and operational improvements, fault finding, and bespoke design

Comprehensive capabilities

- Custom-engineered gearbox solutions
- Customer collaboration from design to manufacturing
- High-speed and low-speed Lufkin Gears
- Allen Gears epicyclic gearboxes
- Marine propulsion gears
- Parallel-shaft gears for 100+ MW
- Epicyclic gears for 35+ MW
- Combination parallel-shaft and epicyclic units
- Services on Lufkin Gears, Allen Gears, and units by over 30 other manufacturers
- Specialized Field Service Engineers in Europe, the Americas, the Middle East, North Africa, and Turkey
- Gear-type couplings
- High-performance bearings
- Custom gearboxes for test stands
- Multiple inputs or outputs shafts/speeds
- Clutch integration
- Fixed-profile journal and thrust bearings
- Tilting-pad journal and thrust bearings



Gearbox applications

	High-speed parallel-shaft	Low-speed	High-speed epicyclic
Cement	•	•	
Mining	•	•	•
Rubber/Tire	•	•	
Plastics	•	•	
Aluminum and steel	•	•	•
Sugar	•	•	•
Marine: blue-water medium and high-speed diesels, steam and gas turbine, and electric motor drives	•	•	•
Marine: brown-water medium and low-speed diesels, and electric motor drives	•	•	•
LNG, refining, chemical, petrochemical	•	•	•
Air separation	•	•	•
Power generation	•	•	•
Hydro power	•	•	•

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