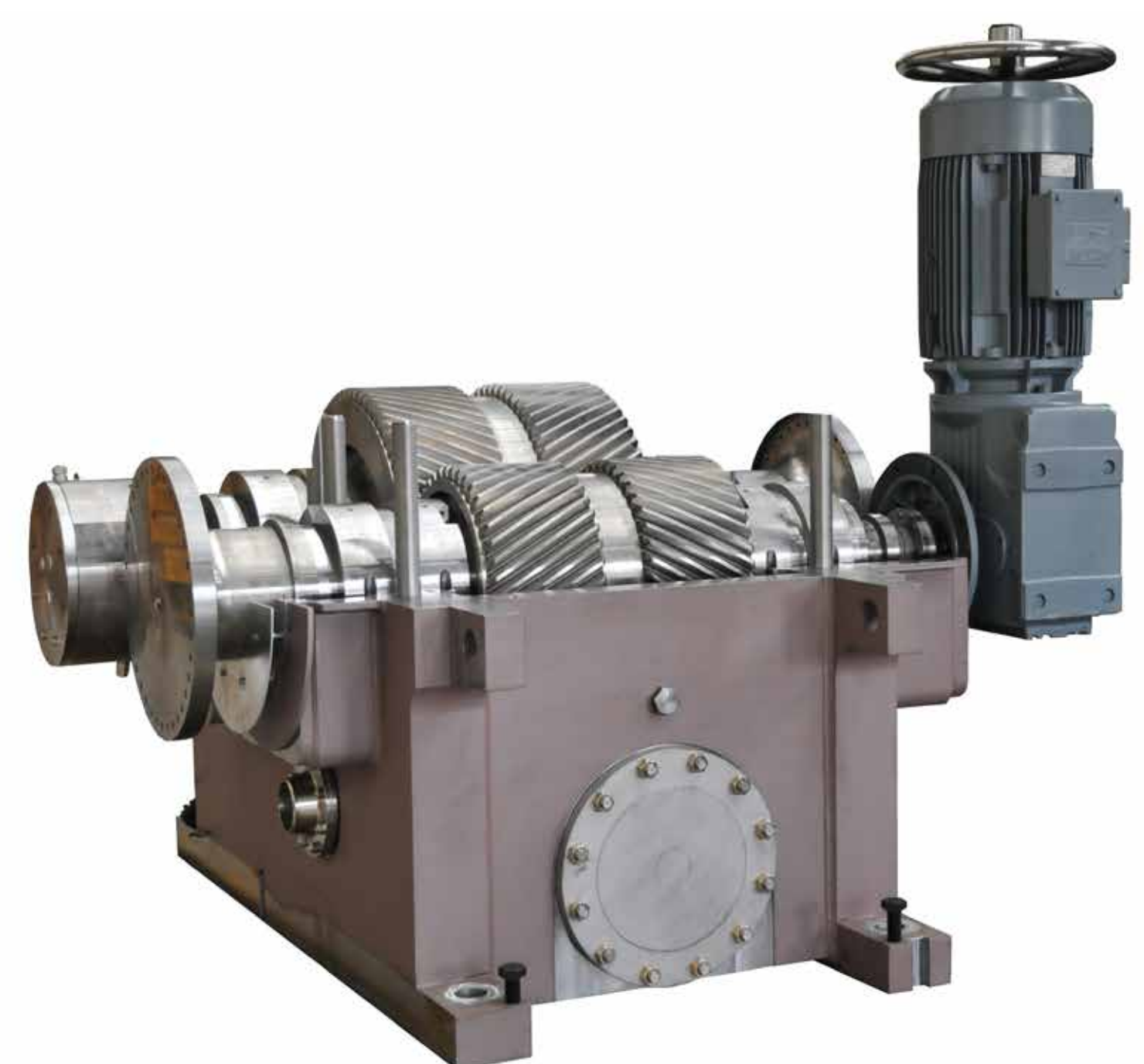


# High-speed parallel-shaft gearboxes

High-performance Lufkin Gears  
for unmatched reliability and  
efficiency

- Purpose-built to exacting customer specifications and ISO/AGMA/API standards
- Robust designs with rigid case construction
- Speeds up to 70,000 rpm and power up to 100 MW
- Low noise, low vibration, and industry-leading material specifications
- Extended maintenance intervals
- Cast and fabricated casings
- Low overall cost of ownership with exceptional reliability and long life
- Integrated lubrication, vibration, and temperature monitoring



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## Overview

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## Compressors

- Used on offshore platforms, refineries, and petrochemical plants
- Driving axial, centrifugal, reciprocating, and screw compressors in various applications at speeds up to 40,000 rpm
- Driven by motors, engines, steam and gas turbines, at powers up to 90 MW

## Pumps

- For critical pump applications across all industries
- Driving axial, centrifugal, reciprocating, and screw pumps
- Driven by motors, engines, steam and gas turbines, at powers up to 40 MW and speeds up to 25,000 rpm

## Power generators

- Connecting steam and gas turbines up to 90 MW to drive generators
- Available with turning drives, integrated clutch and brake systems for synchronous condensing
- Maximum flexibility to meet any energy requirements

## Fans and blowers

- Fans and blowers in every industry segment worldwide
- Applications up to 12 MW
- Used with motors and turbines in API and non-API industrial, chemical, petrochemical, and power plants

## Test stands

- Custom solutions for any testing requirements
- Used by customers worldwide to increase production and develop next-generation technologies

## Custom

- We can custom-engineer a Lufkin Gears solution for any power-transmission application

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