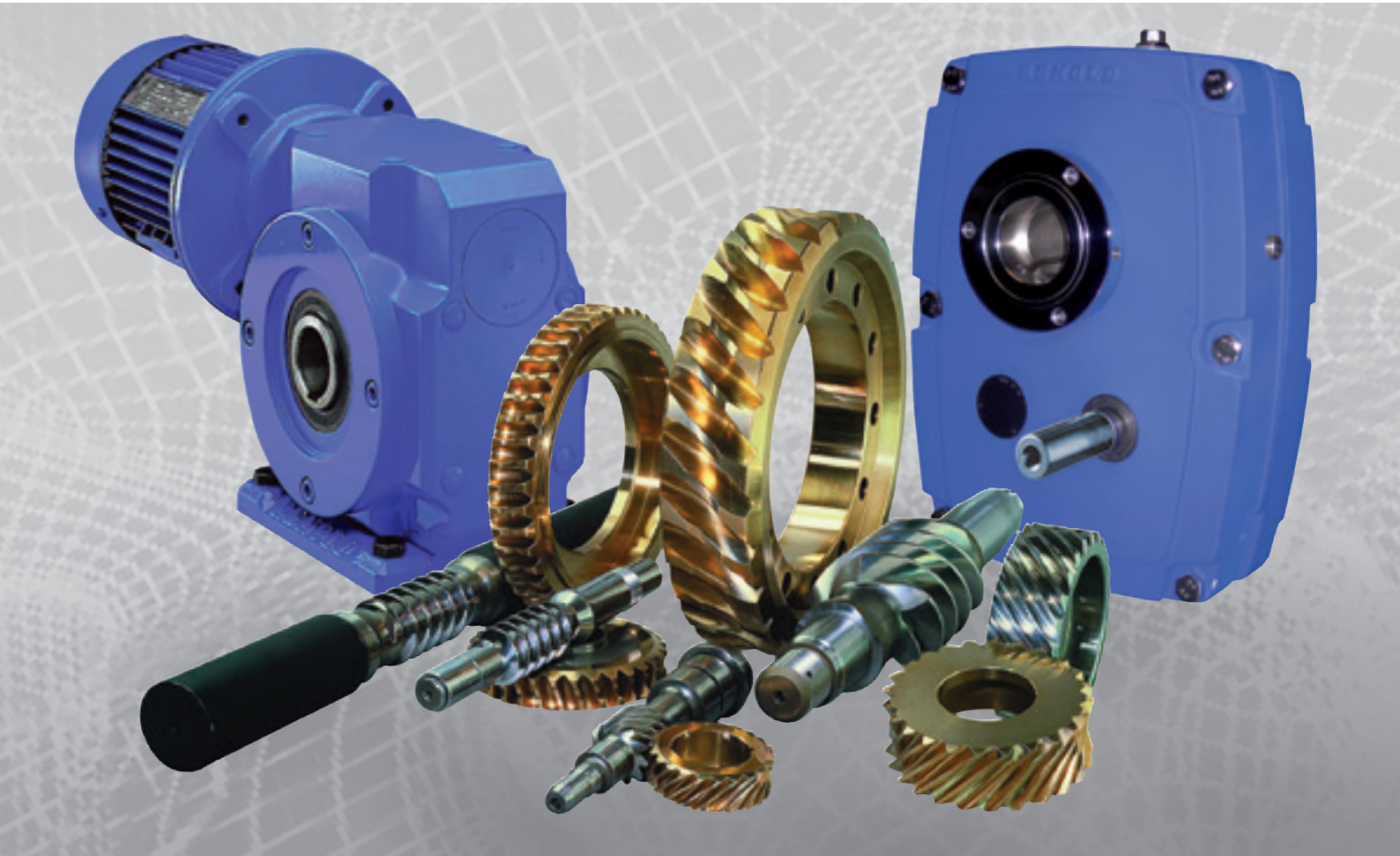


Products & Services

Enclosed & Open Gearing



RENOLD
Superior Gear Technology

Enclosed Gear Units

“Renold – a respected, trusted global brand.”



Renold Gears is expert in the design and manufacture of worm gears for all industrial applications.

The standard product range comprises:

→ **jPM Series Worm Gear Units**

- Power: Up to 6.66 kW
- Ratios: 5:1 to 70:1

→ **K Series Bevel Helical Gear Unit**

- Power: Up to 160 kW
- Ratios: Up to 160:1 in 3 stage; up to 35,000:1 in combined form

→ **WM Series Worm Gear Units**

- Power: Up to 115 kW
- Ratios: 5:1 to 70:1 single reduction; 75:1 to 4,900:1 double reduction

→ **TW Series Worm Gear Units**

- Power: Up to 1459 kW
- Ratios: 5:1 to 70:1 single reduction; 75:1 to 4,900:1 double reduction



Enclosed Gear Units

“Reliability, quality and proven performance.”



Renold Gears offer a number of helical gear solutions including shaft mount helical and inline helical gear units.

The standard product range comprises:

→ **R Series Inline Helical Gear Unit**

- Power: Up to 160 kW
- Ratios: Up to 58:1 in 2 stage; up to 16,200:1 in combined form

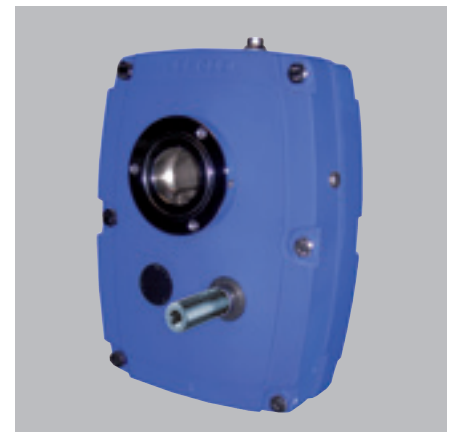
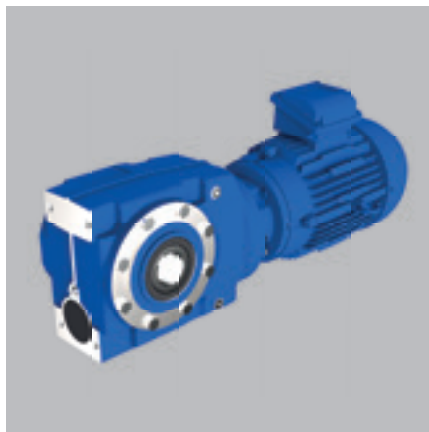


→ **F Series Shaft Mounted Gear Unit**

- Power: Up to 110 kW
- Ratios: 5:1 to 100:1 double reduction; up to 5,600:1 in combined form

→ **S Series Helical Worm Gear Unit**

- Power: Up to 45 kW
- Ratios: Up to 250:1 in 2 stage; up to 60,000:1 in combined form



→ **SMX Series Shaft Mount Helical**

- Power: Up to 235 kW
- Ratios: 5:1 as single reduction; 13:1, 20:1, 25:1 as double reduction

Open Gears

“Manufactured using the unique Renold Holroyd gear form.



Renold Gears offers a range of open gear sets manufactured to commercial and high-precision accuracies. The gears are available to both standard and bespoke dimensions.

→ Commercial Gears

Worm gears manufactured using the Renold Holroyd toothform which conforms to BS721.

→ Precision Gears

High-precision dual lead worm gears for extreme accuracy and minimum backlash.

→ Ren-Adjust

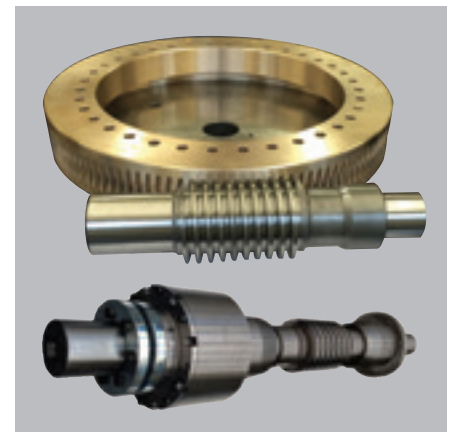
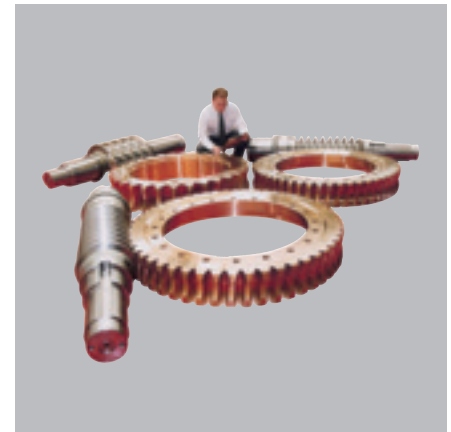
High-precision adjustment mechanism for dual lead gear sets.

→ Custom Gears

Custom-designed precision and commercial worm gear sets.

→ Helical/Spur Gears

High-precision loose helical and spur gears up to DIN1 standard.



Custom Gear Units

“Designed to each customer’s specific application requirements.”



Renold Gears offers a unique design and manufacturing service supported by full project management to ensure the best engineering solution to every unique application.

→ **Package Drives**

Complete power transmission solutions.

→ **Custom Design**

Designed and manufactured to each customer’s specific dimensions.

→ **Replacement Units**

Gearboxes to replace obsolete units with no need for modifications.

→ **Critical Applications**

Gearboxes where design verification is critical to meet exacting customer requirements.



Gearbox Refurbishment

“Uncompromising technical quality, accuracy and customer service.”



Renold Gears offers a complete industrial gearbox refurbishment service. Our expertise is based on over 130 years of gearbox design and manufacture, and is supported by our dedicated Service Team.

We offer a Rapid Response Service to ensure minimum disruption and downtime.

→ Refurbishment

Our refurbishment service includes:

- Collection of unit
- Strip and inspection
- Re-build to 'as new' condition
- Testing
- 12-month warranty

→ Service

We also offer:

- Service exchange programme
- Drop-in replacements
- Commissioning and installation support
- Training



Key Industry Sectors

Renold products and services are utilised in a wide range of applications highlighted in the key industry sector brochures, available to download from www.renold.com

Transportation. Global Solutions



Provision Systems
People Movement



Energy. Global Solutions



Fixed Fuel
Renewables



Manufactured Products. Global Solutions



Rolls
Pulp Mills



Environmental. Global Solutions



Water Treatment
Waste Management



Mining & Quarrying. Global Solutions



Extraction
Processing



Material Handling. Global Solutions



Conveying
Lifting




Agriculture, Forestry & Fishing. Global Solutions




Harvesting
Processing



Food & Drink Processing. Global Solutions



Processing
Packaging



Construction Machinery. Global Solutions



Building
Cost



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A global power transmission group serving global markets through an international network.

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