

Renold Gears

[Overview Brochure](#)

RENOLD | Gears



Standard Solutions

Renold Gears is expert in the design and manufacture of worm, helical and bevel gear units 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

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

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



“Renold – a respected, trusted global brand.”



Standard Solutions

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

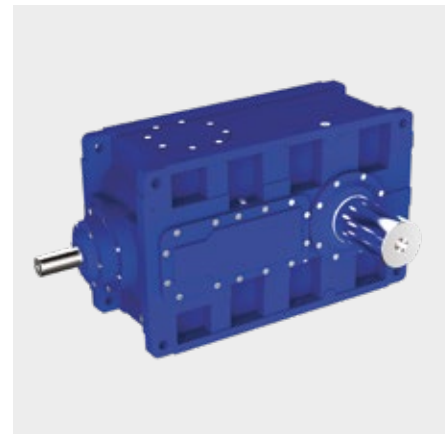
- Power: Up to 45 kW
- Ratios: Up to 250:1 in 2 stage; up to 60,000:1 in combined form

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

H Series Helical & Bevel Helical Gear Units

- Power: Up to 1860 kW
- Ratios: Up to 315:1 in multi stage; up to 70,000:1 in combined form



“Reliability, quality and proven performance.”



Custom Solutions

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

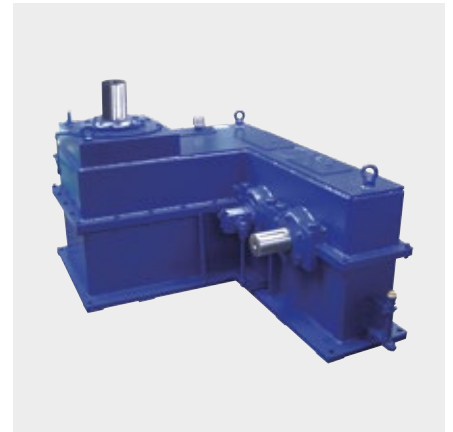
Designed and manufactured to each customer's specific dimensions.

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.



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



Custom Solutions

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.



“Manufactured using the unique Renold Holroyd gear form.”



Service Solutions

Renold Gears offers a complete industrial gearbox repair service. Our expertise is based on over 135 years of gearbox design and manufacture and is supported by our dedicated Service Team.

Our Rapid Response Service ensures minimum disruption and downtime.

Repairs

We offer 2 levels of repair:

1. Standard Repair – Replacement of bearings and seals only.

2. Enhanced Repair – Replacement of gearing, bearings and seals and any other identified parts. It also includes:

- Collection from site
- Strip and Report
- Testing
- Delivery back to site
- 12-month warranty on all replaced parts.

Service Contract

We have 3 levels of contract designed to suit the individual needs of our customers:

Bronze 1 Site inspection + 4 standard Strip & Inspection Reports.

Silver 1 Site inspection + 1 Repair + 6 Strip & Inspection Reports.

Gold 2 Site inspections + 2 Repairs + 8 Strip & Inspection Reports.



“Uncompromising technical quality, accuracy and customer service.”



Service Solutions

Service Exchange

This programme is ideal where there is an installed base of identical units. We will supply a unit to replace an existing unit, which is then reconditioned and held in stock until required. The process can then be repeated.

Drop-in Replacements

Using Renold's extensive design capability we can replicate the external dimensions of an obsolete gear unit.

Commissioning & Installation

Renold can provide on-site support with commissioning and installation, ensuring customer confidence that the drive has been signed off by the manufacturer prior to entering service.

Condition Monitoring

Renold can monitor the temperature, vibration and oil in your gearbox and therefore report on the real time condition of your gearbox.

Lunch & Learn

Renold Gears provides in-house 'Lunch & Learn' sessions for our customers' maintenance personnel. Using our facilities, you can hold your own internal meeting in one of our well-equipped rooms. This is followed by the opportunity to have lunch with us and take part in an 'ask the expert' session. Finally, you will take a facility tour where you will learn about maintaining and servicing your on-site gearboxes



"Unrivalled Rapid Response service to ensure minimum disruption and downtime."

Get in touch

For your local Renold
sales and service location

+44 (0) 1706 751000



gears.sales@renold.com



www.renold.com



Station Rd, Milnrow,
Rochdale
OL16 3LS

