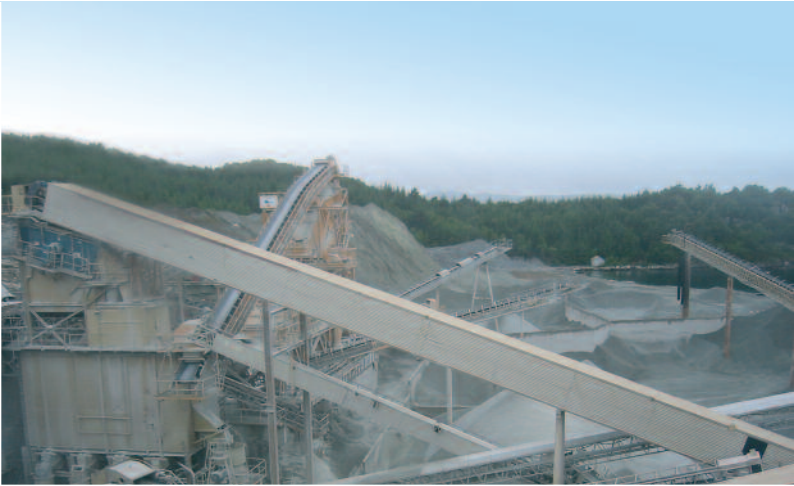


Mining & Quarrying. Global Solutions



- Extraction
- Processing

Global Mining & Quarrying Solutions

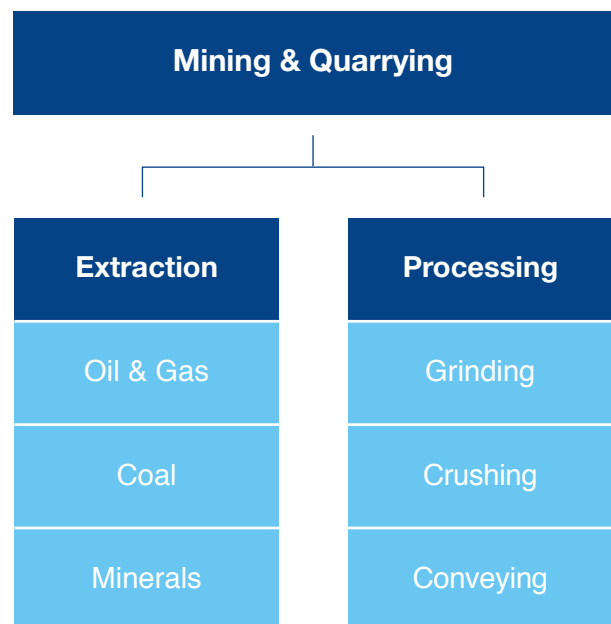
Renold is a global engineering group with over 130 years of experience in the design and manufacture of high-quality power transmission products and application-specific solutions.

Application knowledge and engineering expertise, together with global manufacturing and service, ensures that Renold is your ideal partner – whatever your industry need. It is this unique industry experience gained in demanding global environments that makes the vital difference.

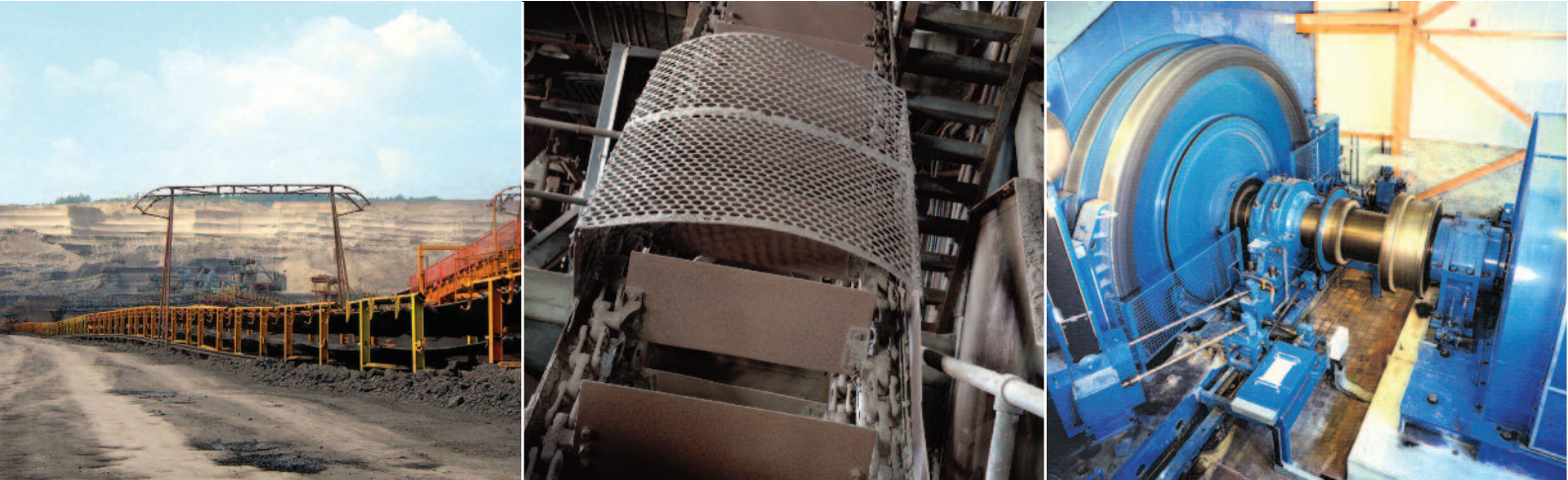
Our skilled engineers work closely with customers to provide a wide range of solutions for critical, real-life applications. Solutions that are proven to stand the test of time – that is why we believe in the principle: ‘Engineering for Life’.

Renold is focused on servicing 9 key industry sectors

- Manufactured Products
- Transportation
- Mining & Quarrying
- Material Handling
- Food & Drink
- Energy
- Environmental
- Construction Machinery
- Agriculture, Forestry & Fishing



Extraction



→ Inclined & Horizontal Conveyors

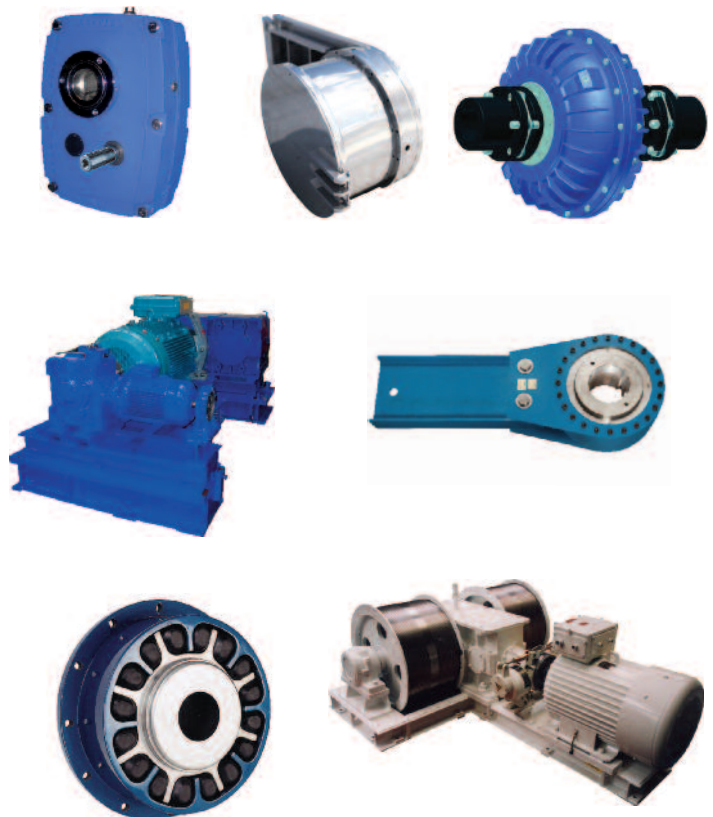
Renold supplies a complete range of gears, couplings and freewheels to ensure conveyors, moving aggregates, and coal in mines and quarries around the world run safely with minimum downtime and maintenance.

→ Bucket Wheel Elevators

Bucket wheel elevators are used to vertically transport large masses of bulk material to different heights. They use Renold helical or bevel helical gear units that are ideal for their high power requirements. Also mounted onto the headshaft are Renold sprag clutch holdbacks with central torque arms that ensure that there is no risk of drive reversal.

→ Winders

Renold Hi-Tec couplings and gears are used in mine winders that are used to convey, manoeuvre and transport mined materials and other conveyances through the mine shaft. Where safety and reliability is crucial, Renold has the optimal heavy-duty solution.



Processing



→ Mineral Processing

Aggregates requiring further refining, such as clays and calcium carbonates, are ground using Renold high-speed, large power gear units that are ideal for use in hostile environments. The units are fitted with a dry-well feature to prevent oil seal leakage.

→ Mobile Plant

Renold supplies gears and couplings for use in mobile plant equipment such as aggregate washer drives, log washers and dump trucks. For these demanding applications, where reliability is paramount, Renold has a range of solutions to suit the most arduous environment.

→ Pumps

Renold supplies open and enclosed gears for slurry pumps that are widely used to transport slurry where coal and minerals are mined or dredged, coal is washed, or minerals treated.



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




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