

Energy. Global Solutions



- Fossil Fuel
- Renewable

Global Energy Solutions

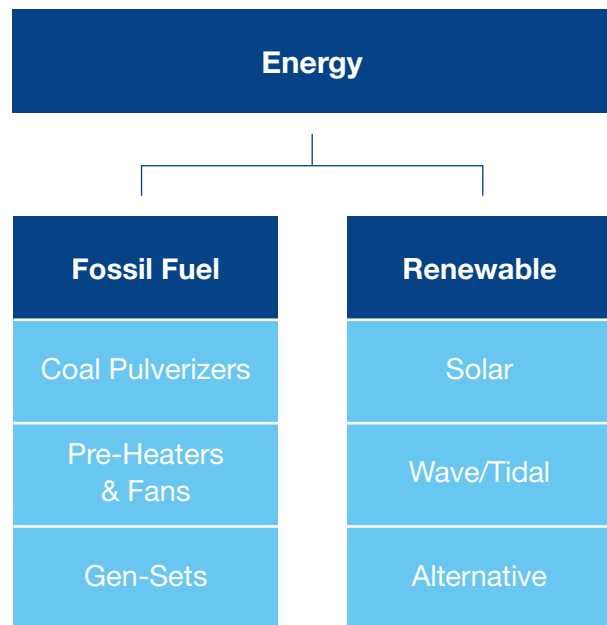
Renold is a global engineering group with over 130 years of experience in the design and manufacture of high-quality power transmission products and application-specific solutions.

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

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



Fossil Fuel



→ Coal Pulverizers

Committed to servicing the power generation industry, Renold provides a complete range of products including gearboxes, chain, couplings, holdbacks and worm gears manufactured to the renowned Renold profile. A unique replication program provides interchangeable replacements for existing CE/Alstom Coal Pulverizers, installed worldwide.



→ Air Pre-heaters and Fans

Renold supplies a wide range of fan drives, including centrally mounted multi-input Air Pre-heater drives used to provide more efficient combustion, and high-speed cooling tower drives modified to give greater overhung load capacity. All these vertical units are supplied in both worm and helical configurations.

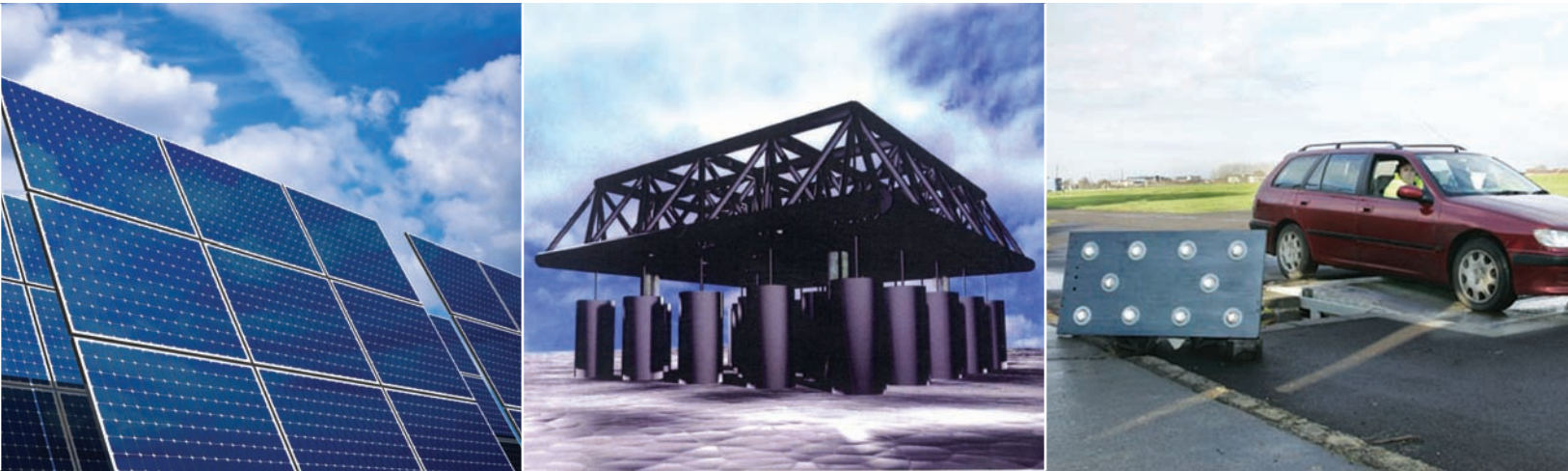


→ Gen-Sets

Whether your requirement is for standby emergency power, peak loading or main power generation, failure of the critical link between the diesel engine and the generator is not an option. Renold Hi-Tec Couplings has experience in the field of coupling application for power generation that is second to none. The robust, dependable nature of the couplings makes them the best coupling for diesel-powered generators in the world. Our comprehensive range of products offers solutions from 10kW to 20MW.

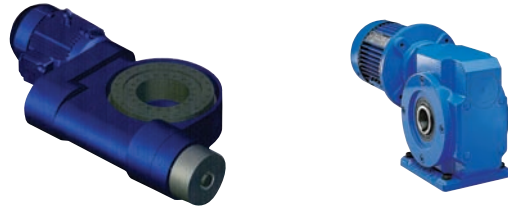


Renold



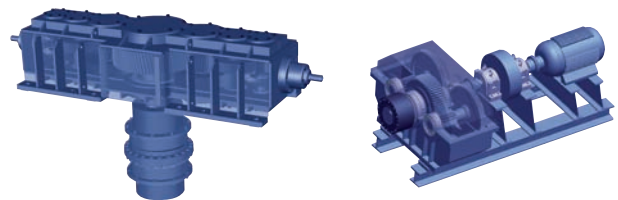
→ Solar

Renold provides standard and bespoke products into a number of areas within the solar power industry, from drives for the cutting of silicon blocks used in the manufacture of silicon wafers for use in solar panels, to the development of high-precision positional drives ensuring maximum energy conversion.



→ Wave and Tidal

Renold has been at the forefront of drive development in this expanding market. As a design and manufacturing consultant, we have partnered on a number of significant projects, from the development of speed-increasing gear units for harnessing wave energy to drive systems using vertical axis cross-flow turbines.



→ Alternative

Renold has worked on other alternative developments from designing a revolutionary new transmission systems for wind and water turbines which makes them lighter and more efficient, to the development of a sprag clutch freewheel device used on an electro-kinetic road ramp that generates free energy as cars pass over it.



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



Propulsion Systems
People Movement



Energy. Global Solutions



Power Plant
Renewables



Manufactured Products. Global Solutions



Rolls
Tooling



Material Handling. Global Solutions



Conveying
Lifting



Mining & Quarrying. Global Solutions



Excavation
Processing



Environmental. Global Solutions



Water Treatment
Water Management



Agriculture, Forestry & Fishing. Global Solutions



Harvesting
Processing



Food & Drink Processing. Global Solutions



Processing
Packaging



Construction Machinery. Global Solutions



Building
Site



RENOLD

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

For your local Renold sales and service location visit www.renold.com

For any other enquiries email tt.sales@renold.com

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