

RENOLD

South East Asia Region



*Industrial Chain & Mechanical
Power Transmission Specialists*

Transmission Chains

Conveyor Chains

Sprockets

Gearboxes, Couplings & Brakes





Melbourne Head Office and Factory



Malaysia Offices and Factory

- Extensive range of standard and custom products
- Multiple brands for different performances and prices
- Competitively priced
- Extensive local technical support
- Application advice and solutions

Renold is one of the world's largest manufacturers and suppliers of industrial chain and mechanical power transmission products with 14 factories in 8 countries and distributors in over 70 countries. Renold PLC is a listed company on the London Stock Exchange.

Renold S.E. Asia is part of the Renold Australasia region which has its head office in Melbourne, Australia.

The Australasia region has offices in Australia, New Zealand, Malaysia, Singapore, Indonesia, and Thailand, with dealers throughout the region including Philippines and Vietnam.

The factory in Melbourne produces conveyor chain, customised sprockets, adapted transmission chains, and assembles industrial gearboxes and disc brakes. It is certified to ISO9001 and OHAS 18001.

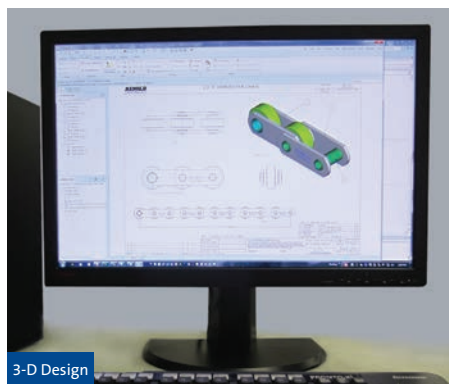
The factory in Kuala Lumpur supplies a large range of conveyor chains for palm oil, cement, latex, food, beverage mining, aluminium, and other industries

Products supplied by Renold S.E Asia include a wide range of standard and adapted transmission chains, standard and custom conveyor chains, forklift chains, standard and custom sprockets, gearboxes, shaft couplings and disc brakes.

We have experienced design and application engineering staff and well developed engineering systems, which enable Renold S.E. Asia to provide solutions and a wide range of products to all industries across the region.



Quality



3-D Design



CNC Machining



Robotic Welding



Profile Cutting



Large Sprocket Cutting



Bottling



Palm Oil



Rice



Fork Lift



Latex



Coal Mining



Confectionery



Cement



Bakery



Steel



Sugarcane



Timber

Transmission Chains



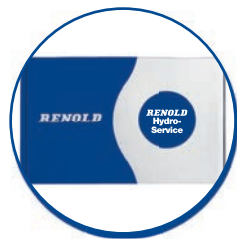
RENOLD Synergy

- High performance
- Superior wear life
- Outstanding fatigue resistance
- 3 times wear life guarantee



RENOLD Syno

- Self-lubricating chain
- Food industry approved lubricant



RENOLD Hydro-Service

- Superior corrosion resistant coating will not chip or peel, hexavalent chrome-free
- Alternative choice to stainless steel chain



RENOLD Stainless Steel

- Designed for acidic/alkaline conditions
- Ideal for wet environments
- Food processing applications



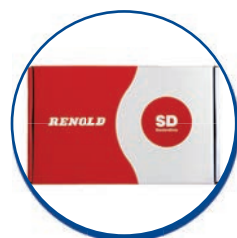
RENOLD A&S

- Dependable performance



RENOLD HV

- Heavy Duty chain for Agriculture
- Available in ANSI standard sizes



RENOLD SD

- Economy chain



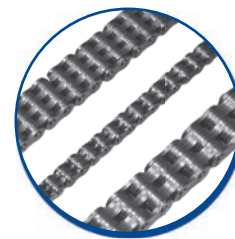
RENOLD Klik-Top

- Easy to install polymer blocks
- Suitable for use in hygiene sensitive areas
- Food industry approved
- Ideal for conveying easily damaged products such as glass, wood, packaging



RENOLD Extended Pitch Chains

- Pins, bushes and rollers of standard series roller chains
- Side plates with double the standard pitch
- Available with standard and special attachments



RENOLD FLT Chains

- High fatigue strength
- Long service life



RENOLD JEFFREY Cranked Link Drive Chains

- Ideal for exposed drives with heavy loads at low speeds
- Available in pitch sizes 78mm to 178mm



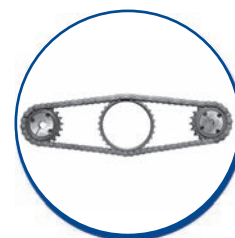
RENOLD Grader Chains

- Through hardened pins provide high shock load resistance



RENOLD Drill Rig Chains

- Specifically developed for drill rig applications
- Ideal to handle dynamic loads in harsh environments
- Heavy side plates and through hardened pins
- Quad riveted



Roll-Ring

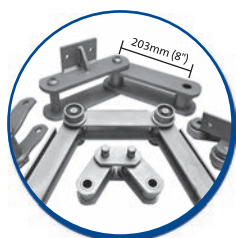
- Revolutionary chain tensioner
- Installed in seconds and self adjusting
- Acts as noise dampener

Conveyor Chains



RENOLD & ACE Standard Conveyor Chains

- Variety of applications to BS, DIN and ISO Standard specifications
- Breaking loads from 6,000lb to over 60,000lb including metric and imperial pitch sizes
- Available in a variety of configurations to suit specific requirements
- Corrosion resistance coating and materials available



RENOLD & ACE Special Conveyor Chains

- Custom designs and engineered solutions
- Breaking loads up to 1,000,000lb
- Pitch up to 600mm
- Dedicated team of design application engineers
- Locally made and fast turnaround time
- Extensive range developed for many industries



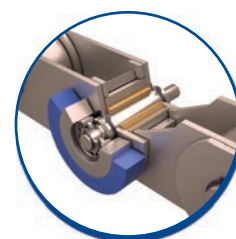
RENOLD Mark 5 Agricultural Chains

- Extensively used in Wool, Agricultural & Food Processing industries
- Heat treated high strength alloy steel for longer life
- Solid bushes for extended service life
- Designed to ensure maximum strength and minimum weight



RENOLD Metal Handling Chain

- Drawbench chain
- Aluminium & Zinc Ingot casting chain
- Hot mill cooling bed chain
- Accumulator chain
- Carbon anode handling chain



RENOLD Escalator Step Chains

- Renolube is designed to ensure maximum lifetime operation
- High precision chain for optimal operation
- Maintenance free outboard roller design



ACE Welded Steel Chains

- Robust chain with straight or offset sidebars
- Riveted or cottered construction
- Large range of special attachments



Combination Chains

- Manufactured with malleable cast iron inner links & steel outer links
- Cost effective solution for less critical applications
- Steel outer links permit welded attachments
- Low maintenance



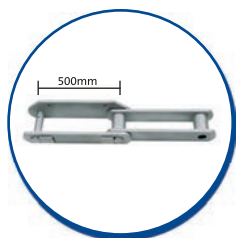
Forged Rivetless Chains

- Used in overhead monorail and floor conveyors
- Range includes X348, X458 and X678



Waste Water Treatment Chains

- Available in steel, cast, plastic and stainless steel
- Ideal for critical applications
- Wide range of attachments



Mining Chains & Coal Handling

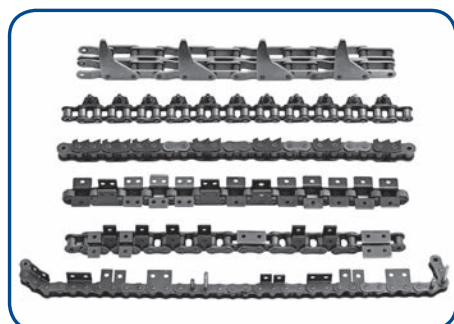
- Stacker reclaimer chain
- Breaker feeder chain
- Shuttlecar chain



Forged Link Chains

- Ideal for conveying bulk materials
- 102mm to 315mm pitch with customized attachments

Adapted Chains



RENOLD Adapted Transmission Chains

- Any type of standard and special attachments
- Various types of base chains
- Large assembly facility with design engineers in Malaysia
- Fast response time





RENOLD Sprockets

- Wide range of standard and special sprockets
- Machined or profile cut and hardened for durability
- Split type and sprockets with removable tooth segments
- Hubs to suit all sprockets



Shafts & Flights

- New and replacement designs



Outboard Rollers

- To suit OEM chain design
- Special design gives longer life



RENOLD Wear Monitor

- Chain extension reporting
- Secure website for viewing results



RENOLD Smartlink

- Load analysis



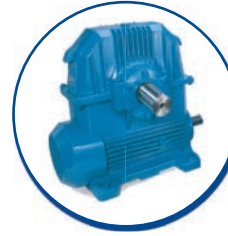
Taperfit Bushes

- Secures sprockets to a range of shafts
- Available in standard metric and imperial bores



Helical & Bevel Helical Reducers

- Helical and Bevel/Helical units available in 14 sizes up to 500kW
- Shrink disc option
- Internal holdback
- Labyrinth and Taconite sealing options
- Custom made drop-in replacement gearboxes available



RENOLD TW Worm Reducers

- Heavy duty worm units with centres from 10"-28" in single and double reduction types
- Interchangeable with Holroyd, David Brown, Radicon, Morse, Borg Warner, Sonnerdale



RENOLD Gear Couplings

- Single and double engagement assemblies
- AGMA standard, therefore interchangeable and cost effective
- O'Ring and metal sealing options
- Crowned and barrelled teeth



RENOLD Pinflex Couplings

- Steel half bodies, strong yet compact
- Polyurethane buffers, reliable/flexible and temperature resistant (-40°C to +80°C)
- Both half bodies are identical – lower spares stock



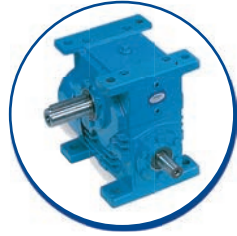
RENOLD Sprag Clutches

- Anti-runback clutches used as holdbacks on inclined belt conveyors
- Direct mount versions for internal gearbox fitment
- No backlash, giving positive action
- Interchangeable with Formsprag, Morse, Tsubaki
- Integral flexible coupling option available



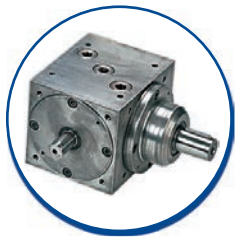
RENOLD SMX Shaft Mount Helicals

- Taper bore options allow easy removal for repair
- Integral sprag clutch holdback to prevent drive reversal
- Interchangeable with Fenner SMSR



RENOLD WM Worm Reducers

- Available with 4" to 9" centres in single and double reduction units
- Integral sprag clutch holdback to prevent drive reversal
- Interchangeable with Holroyd, David Brown, Radicon, Morse, Borg Warner, Sonnerdale



TANDLER Spiral Bevel Gear Units

- High performance silent drives
- Minimal backlash
- Alloy steel gears hardened and lapped for high performance



RENOLD Hi-Tec Couplings

- Designed for Generators, Pump Sets, Mining Equipment, Fan Drives, Compressors
- Failsafe design with no backlash
- Torsionally resilient to absorb shock
- High temperature blind assembly series available
- Computerised torsional vibration analysis available



RENOLD Torque Limiter Holdback

- Designed to protect against conveyor belt wind-up
- Protects the Renold holdback from overload



RENOLD AJAX Spindles

- Crowned and barrelled teeth
- Roll end piloting
- AISI 4150 forgings, quenched and tempered
- Nitride hardened



RENOLD Hydrastart Fluid Couplings

- Suitable for soft starting high inertia machinery
- Flexible couplings and vee pulley designs
- Delay fill version extends acceleration time and reduces start up torque



RENOLD ePM Reducers

- Available in three versions:
 - Single Worm
 - Helical Worm
 - Helical-Bevel-Helical
- Integral sprag clutch holdback to prevent drive reversal to worm gear versions
- Drywell available for vertical mounting



RENOLD jPM Reducers

- Wormgear units from 1.125" to 3.0" centre distance, up to 4kW capacity
- Motorised and speed reducer types available
- Cast iron housing



STROMAG SIME Disc Brakes

- Electromagnetic and Hydraulic
- Service and Emergency
- Self adjusting and self aligning service brakes
- Suitable for harsh environments



STROMAG SIME FAV Disc Brakes

- Thruster type – suit wharf cranes
- Interchangeable with many installed makes
- Self adjusting and aligning service brakes



Trapped Roller Freewheels

- Design for over-running and backstop applications
- Interchangeable with Ringspann, Stieber, Formsprag, Morse, Tsubaki and Technik brands
- Integral flexible coupling option available

Stromag

— SIME Brakes —

STROMAG SIME DISC BRAKES



GEAR UNITS



HELICAL & BEVEL HELICAL GEARBOXES



Visit www.renold.com.au

for product information and selection programs,
technical advice and worldwide company information

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