

MINING CAPABILITY STATEMENT



The Renroc Group has a range of mining products to provide maximum availability, optimal lifetime and reduce maintenance and life cycle costs.

RENROC GROUP

The Renroc Group has specialised in fluid handling solutions since 1991. Specialising in Sealless pumps and API610 initially Renroc Group has evolved to offer a diverse product range. Renroc Group has been built on the following key pillars;

QUALITY

Supplying quality products is very important to Renroc Group. Our quality systems are accredited to ISO9001. All employees are part of offering the highest quality products, service and support.

HEALTH, SAFETY AND ENVIRONMENT

The most important thing is that every employee and person in contact with Renroc Group goes home safely at the end of the day. Renroc Group operates under a strict policy for Health and Safety, we also operate with a no harm to the environment policy.

SUPPLY CHAIN

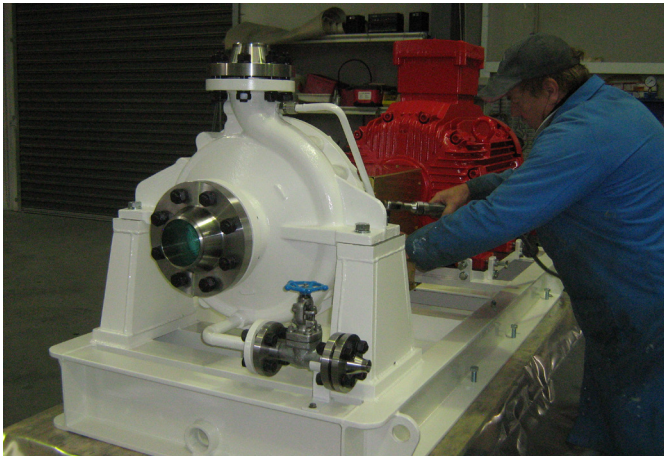
Renroc Group operates a wide supply chain with partners in Australia, Europe, Asia and America. This enables us to provide commercially attractive high quality products.

Utilising a diverse supply chain we are able to offer a wide range of delivery options both within Australia and internationally.



AUSTRALIAN CONTENT

As a proud Australian company, all projects contain Australian content, from meeting Australian Standards and fabrication work, to providing project management and documentation services.



LIFE CYCLE COST

Renroc Group works with multiple supply chain partners and technologies. We aim to recommend the best pump option for the project. We base best pump selection on our significant experience and the pump we believe will offer the lowest life cycle cost. Renroc Group aims to collect data in conjunction with our Clients to continually improve our life cycle cost modelling.

SERVICE & SUPPORT

All products receive total lifetime support from purchase order to decommissioning. Service staff can attend site including offshore facilities and internationally. Warehousing for spare parts is also managed by Renroc Group and full pump repairs can also be undertaken.



EDUCATION

Renroc Group are fluid handling experts and aim to share our knowledge with our Clients. We provide this through technical sessions to educate on the pumps and technologies that we provide and current best practice methodologies.

Mining Products Summary

Renroc Group supplies the mining industry with the following products;

- : Dewatering pumps, specialising in deep underground mines
- : Speciality slurry pumps, where high end materials are required
- : Sealless pumps for use in refrigeration and chemical service
- : General service pumps according to ISO and ANSI standards
- : Schroedahl Automatic Recirculation Valves for pump protection
- : SiCcast / SiConit parts and coatings for superior erosion / corrosion resistance

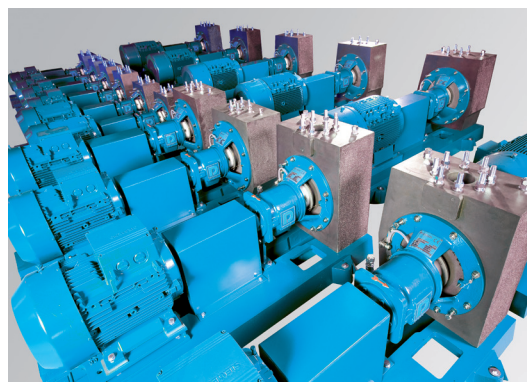
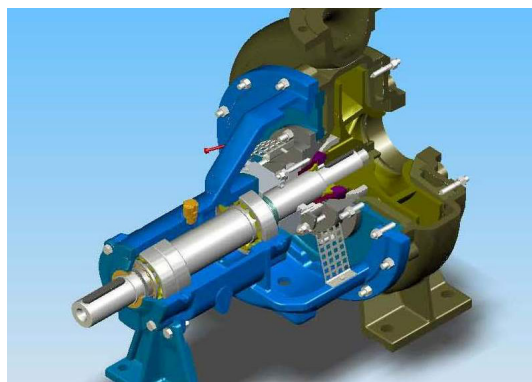
MINE DEWATERING

In conjunction with our partner Duechting Pumpen, we are able to offer superior mine dewatering technology particularly for deep underground mines. Duechting multistage dewatering pumps are designed to spin at slow speed for low wear and enabling a solids handling of 5-10%. Pumps are designed for maximum hydraulic efficiency to insure the lowest energy costs. With heads exceeding 1200m and over 75 years' experience Duechting pumps are the best option for your dewatering needs.



SLURRY PUMPS

Whether a high concentration or heavy slurry, Renroc Group provide a range of slurry pumps with superior wear resistance. For high concentrations with small particles SiCcast (see later section) pumps provide the best option for wear resistance. For slurries with large particles, full metal DH and ROWA-E series pumps can meet the most challenging requirements. The DH and ROWA-E are best utilised when higher specification materials are needed, such as Duplex.



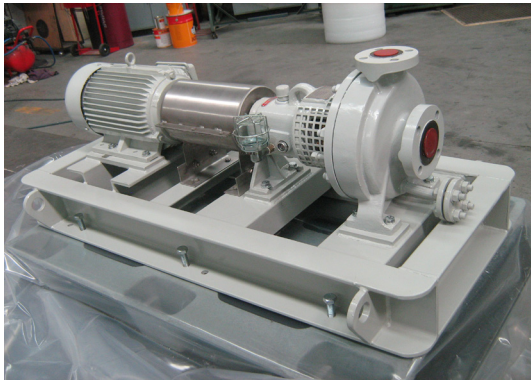
SEALLESS PUMPS

During minerals processing many harsh and dangerous chemicals may be encountered, for maximum safety and reliability sealless pumps, provide the best solution. Renroc Group has specialised in sealless pumps for over 25 years. Whether for ammonia, acids, cyanide, high temperature or pressure, Renroc Group offers canned motor and magnetic drive units to meet the toughest demands.



GENERAL SERVICE

For general services on mine sites such as cooling water or other services, Renroc Group offers a range of commercially competitive short delivery period centrifugal pumps in accordance with ISO2858 / ISO5199 and ASME B73.1/2.



SCHROEDAHL AUTOMATIC RECIRCULATION VALVES

Schroedahl Automatic Recirculating (ARC) Valves provide minimum flow protection for centrifugal pumps. Fully mechanical the valves provide a simple and reliable solution to protect pumps. The ARC Valve combines check valve and bypass valve in one unit.

ARC valves are used widely on boiler feed pumps, process pumps and cooling water units. For high value centrifugal pumps, the ARC valve provides the best protection against minimum flow.



SICCAST / SICONIT – FOR ABRASION AND CORROSION RESISTANCE

Renroc Group provides a range of products made by SiCcast. SiCcast uses Silicon Carbide (SiC) mixed with an epoxy resin forming a material providing resistance to corrosion and erosion. SiC is the second hardest material on earth, second only to diamond, providing superior abrasion resistance. SiCcast is suitable for fluids containing solids in high concentration with particles up to 2mm. It also comes with a lifetime corrosion warranty. SiCcast can be supplied in complete pump units in conjunction with our partner Duechting Pumpen, engineered solutions for replacement parts in other equipment, or as an applicable DIY coating with SiConit.



SiCcast[®]

REFERENCES





Whatever your pumping needs, Renroc Group aims to offer the best technical solution giving the best through life support and lowest through life cost. In conjunction with our partners, we aim to offer the highest quality products to help your business keep pumping!

RENROC GROUP

(Pumps & Engineering) Australia

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