

POWER, CHEMICAL & WATER CAPABILITY STATEMENT



The Renroc Group has a range of Power, Chemical & Water 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. Initially specialising in Sealless pumps and API610, 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 application. Renroc Group 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 managed by Renroc Group and full pump repairs are also 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.

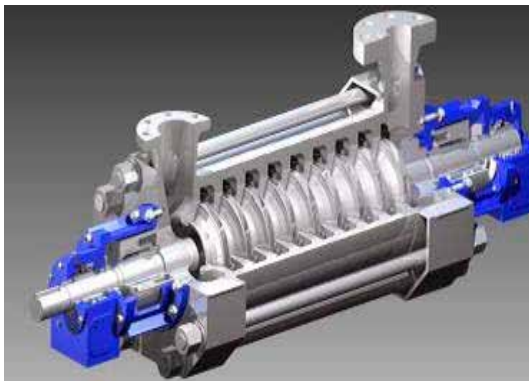
Product Offering

Renroc Group supplies the following products for;

- : Boiler feed water pumps
- : Renewable energy
- : Desalination and water treatment
- : Non-Metallic SiCcast pumps for brine and water treatment, slurry applications
- : ANSI & ISO pumps for general services
- : API610 pumps
- : Sealless pumps
- : Schroedahl Automatic Recirculating (ARC) Valves
- : SiCcast / SiConit – For abrasion and corrosion resistance

BOILER FEED WATER PUMPS

Renroc Group has a wide range of boiler feed water pump options, from low flow high head side channel to units in accordance with API610 and on applications of up to 250bar. Aiming to use the most sophisticated hydraulic designs, we endeavour to optimise hydraulic efficiency to your application.



RENEWABLE ENERGY

Renroc Group has a history of supplying the renewable energy industry. Sealless pumps with their enhanced reliability at elevated temperatures have a proven track record, in services including concentrated solar power. Renroc Group also has supplied speciality plunger pumps handling heat transfer fluids in solar power applications.

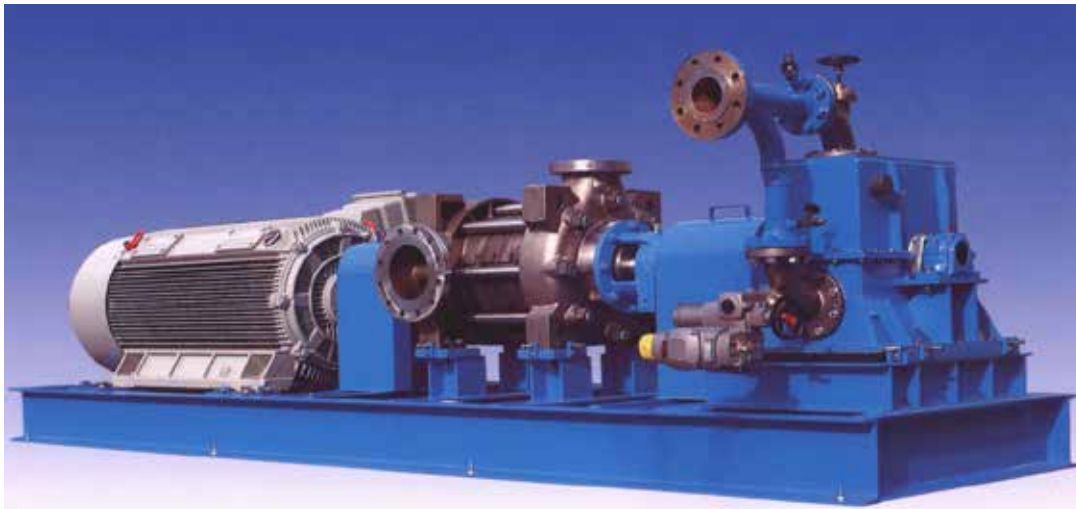


DESALINATION AND WATER TREATMENT

Renroc Group has a range of pumps for desalination applications with high pressure centrifugal and also the option of plunger pumps for high efficiencies. Renroc Group aims to provide the optimal pump for low life cycle and running cost.

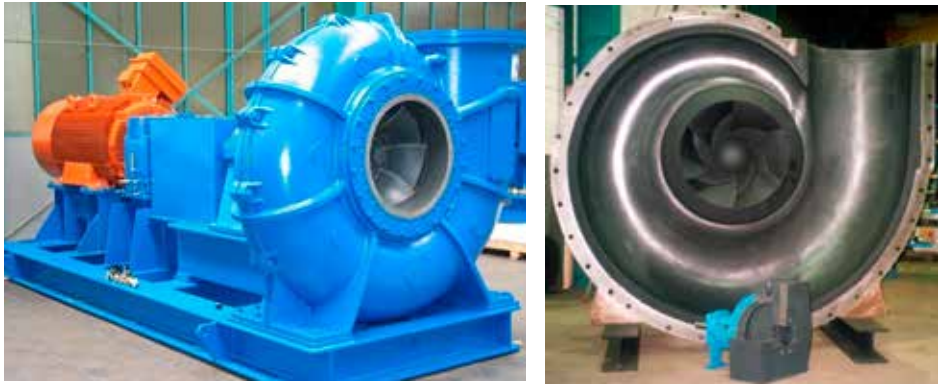
Renroc Group has a range of high pressure pumps to be used for Reverse Osmosis Feed. As well as the high pressure pumps, Renroc Group is able to offer all pumps in the desalination process, with pumps able to work in booster applications that can handle up to 80bar suction pressure. Also, with the use of SiCcast (see later section), inlet pumps and other services can also be supported.

Using the highest quality materials such as SiCcast, Duplex and Super Duplex and able to offer energy recovery solutions such as Pelton Turbines, Renroc Group are desalination specialists.



NON-METALLIC SICCAST PUMPS – FOR CORROSION & EROSION

SiCcast is a patented technology (see later section). Pumps made of SiCcast offer the best performance on applications which encounter corrosion and/or erosion. The pumps are best suited for pumping abrasive slurries with small particles but can also be used for brines and seawater, where they have a lifetime corrosion warranty. With stable pricing compared to exotic materials such as Super Duplex and Hastelloy, SiCcast pumps offer initial and total life cycle commercial benefits.



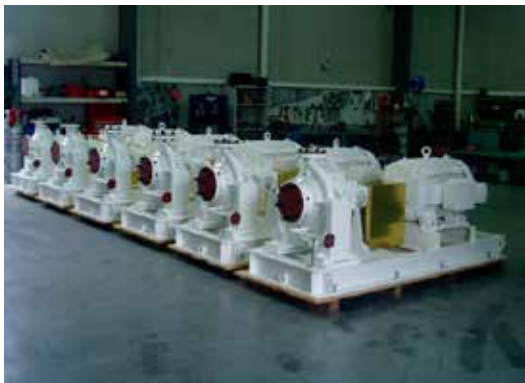
GENERAL SERVICE

For general services requirements such as cooling water, diesel or fuel, chemical 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.



API610 PUMPS

Renroc Group has supplied API610 pumps since 1991. With multiple Suppliers, we are able to offer best in class delivery starting at just 12 weeks and a near full complement of API pumps including; Overhung, Between Bearing and Vertically Suspended models. Documentation is completely overseen by our experienced team to meet the most stringent requirements. Renroc Group also offers full training on the API standard and its contents, to keep your team’s knowledge current.



SEALLESS PUMPS

Whether the application is high temperature, high pressure, the fluid is environmentally sensitive or an underperforming mechanical seal, Sealless Pumps have been providing high reliability for many years. Renroc Group has specialised in sealless pumps for over 25 years. For ammonia, refrigerants, acids, cyanide, high temperature or pressure, Renroc Group offers canned motor and magnetic drive units to meet the toughest demands including models compliant to API685.



SCHROEDAHL AUTOMATIC RECIRCULATION (ARC) 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 widely used 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 to form a material providing resistance to corrosion and erosion. SiC is the second hardest material on earth second only to diamonds, 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.

Renroc Group is the sole Australian Importer for SiCcast products



REFERENCES





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

RENROC GROUP

(Pumps & Engineering) Australia

MELBOURNE

W www.renrocgroup.com

E info@renrocgroup.com
