



Mining

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# About Malcolm Thompson Pumps



From humble beginnings in 1967, Malcolm Thompson Pumps has grown to be one of Australia's leading pump companies. While our operation may have grown, our focus remains the same, to provide our clients with a proficient and professional service and be their trusted partner for all their pump related needs.

We work across all prominent Australian industries, including mining, utilities, industrial, agriculture, manufacturing, construction and municipal waste, providing unique solutions to match our clients exact specifications.

We deliver a quality range of pumps, support our clients with service and repair facilities and offer complete

pump package solutions through our specialist projects and engineering service.

We even have our own manufacturing facility where we design, test and manufacture the legendary Stalker Pumps brand.

Being one of the last remaining pump suppliers in Australia with an on-site foundry gives us complete control of the end to end manufacturing process. Not only does this result in a premium quality product, but allows us the flexibility to manufacture to exact requirements.

## Mining

Malcolm Thompson Pumps are proud to have over 50 years' experience providing pump solutions to Australian Mining. Our ongoing relationships with all major mining companies, mine sites and consultants across Australia have allowed us to deliver pumping solutions for the most rugged and varied mining conditions. We understand the importance of minimising site downtime and the pivotal role pumps play on mine sites. Our knowledge and experience within the mining sector has allowed us to achieve cost effective results for mine sites across Australia.



## Machine Workshop

Our confidence in serving mining pump requirements across Australia is endorsed by our fully equipped, modern workshops in Perth, Kalgoorlie and Sydney.

The scale of our workshop allows us to be at the forefront of the pump industry. We have invested in a large range of machinery to ensure our services suit specific customer requirements.

Our state of the art facilities contain advanced machinery applications including assembly, CNC machinery, pump assessment and rebuilds, spray painting and pump and pressure testing facilities.

## Engineering and Design

Working with both consultants and end users, our Engineering and Design team provide a full service project offering including design using the latest AutoCAD software. We can custom design a range of multistage pump systems including process and transfer pump systems, all suited to individual customer requirements.

## Major Brands

In addition to the range below, Malcolm Thompson Pumps can also source further pump brands upon request.



## Pump Testing

Malcolm Thompson Pumps provides comprehensive pump testing services in both Perth and Kalgoorlie to keep your pumps in excellent condition, giving you better performance and longevity.

Our Kalgoorlie pump service centre specialises in the service and repair of pumps for the Kalgoorlie Goldfields region and provides an extensive pump and motor testing service. It operates a test tank facility with the ability to handle electric motors up to 185kW from 240 through to 1000V.

## Service and Repair

Malcolm Thompson Pumps has extensive experience providing mine sites with complete service and repair capability, providing onsite, emergency services as well as workshop repairs.

The location of our workshops and experience of our technicians work hand in hand to ensure we are able to efficiently service pumps from key mining hubs, including the Pilbara in Western Australia.

Our facilities enable us to continue to work closely with some of Australia's largest mine sites to provide cost effective and timely servicing and turnaround on pumps that are critical to site operations.

For emergency repairs, our service vehicle fleet and pump service centres are designed and equipped to ensure the fastest turnaround times possible. Our onsite technicians are always at the ready to respond to emergency calls for urgent repairs and are always identifying ways to maximise your pump's performance during every service and repair job.



# Foundry



We are proud to own Stalker Pumps, a Perth based pump business, who are one of the last remaining pump suppliers in Australia with a foundry on site, giving us complete control of the end to end manufacturing process.

Their foundry provides complete flexibility, including manufacturing high quality castings from customer supplied patterns. They can also cast in more than 19 types of ferrous and non-ferrous metals.

Importantly, it means custom-made pumps can be delivered faster than similar pumps made offshore.

An experienced team of pumping specialists lead the company and guide all aspects of its operations. Engineers use 3D solid modelling software to design pumps for specific requirements or unique environments, allowing the ability to custom design and manufacture to exact customer specifications.

## About Stalker Pumps

For over 90 years Stalker Pumps has been at the forefront of the Australian pump industry. Now a division of Malcolm Thompson Pumps, Stalker Pumps has even more credibility as a leading pump brand.

Engineered and manufactured in Australia to the highest quality standards, Stalker Pumps are legendary for their ability to operate at their fullest capacity, even in the most challenging of environments.

Stalker Pumps have a proven track record across almost every major industry including mining, agriculture, oil & gas, civil and manufacturing.



# Underground Dewatering



All underground mines require dewatering in some format. Typically, the deeper the mine goes the more pumps will be required. The Stalker Pumps SHD Series offers the perfect solution to this challenge.

Built with 27% chrome iron, this pump has been specially designed for underground dewatering with it's ability to handle slurry, grit and sharp solid particles of up to 8mm in diameter. With minimal to no disruption to performance, the time taken to service the pump is greatly reduced due to in-situ underground maintenance.



## Mobile Dust Suppression

A vital component of mining is the use of Water Cart Trucks to provide mobile dust suppression. The Stalker ISO Hydraulic Driven Series is the ideal choice for improving operational watercart availability. The pump has been modified for a splined shaft and is close coupled by way of a two bolt SAE mounting to a matched hydraulic motor. The finished unit provides a reduced footprint compared to a conventional long coupled pump set, while the close coupling removes any potential alignment issues, negating the need to employ a specialist to align couplings, or the need to hold stock of replacement couplings.



# Borehole Pumps

Malcolm Thompson Pumps specialise in the supply, installation, service and repair of Borehole Pump Packages. Our team understands all aspects of the pumping industry and can assist in selecting the appropriate pump and pump packages for varied mining conditions. This includes flexible rising main, bore pumps, rigid permaglass, head works, collection tanks and control panels. We are proud to exclusively distribute Aquaplus flexible rising main with extensive stock holdings of varied lengths in Perth and Sydney.



## Retro-Fit Pump Parts

Retro-Fit Pump Parts are reliable, cost effective replacement pump parts that are interchangeable with Sulzer, Ahlstrom, Goulds, Durco, Allis Chalmers, Ingersoll Rand, Worthington, Warren and many more. With complete interchangeability, these parts are a cost-effective alternative to OEM replacement parts and are ideally used on mine sites when in need of replacing shafts, casings, impellers, stuffing box covers, sleeves, labyrinth seals, repellers, backplates and followers.



# Pump Systems

At Malcolm Thompson Pumps we specialise in the provision of complete pump system solutions built to customer specifications. We provide a full service offering which includes design, fabrication, assembly, performance testing and full documentation.

We have worked on a number of significant projects in the mining industry that have allowed us to showcase our teams engineering and design capability. This has included projects in the Pilbara, Kambalda and Kalgoorlie.

We are able to successfully build customised pump sets according to our client's requirements using the specific pump, motor, model and brand requested. Additionally, with Stalker Pumps having their own onsite foundry, we are able to deliver a premium, quality pump system with quick lead time.



## Diesel Driven

Designed, engineered and manufactured at our facility in Perth, WA our Diesel Driven Dewatering Units are customised to suit specific project needs. Available as a heavy duty skid base frame with an inbuilt bunded fuel tank, this unit comes in a variety of engine and controller options including Cummins, CAT and Kohler. Designed for easy water transfer on mine sites, this diesel driven unit comes in a wide range of materials options to maximise your sites operations.





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