

CONTENTS

- 03** MAIN INDUSTRIES
- 04** WHY BUSINESSES TRUST BLACKWOODS
- 05** MAJOR BRANDS IN HYDRAULICS
- 06** HYDRAULICS PRODUCT RANGE
- 08** HYDAC: MAXIMISING SHARED SYNERGIES
- 09** ENERPAC: PROVEN COLLABORATIVE EXPERTISE
- 10** END-TO-END MECHANICAL & HYDRAULICS SOLUTIONS
- 11** NEXT STEPS

+300,000

cubic metres of warehouse space nationally

AUSTRALIA'S LARGEST

supplier of Maintenance, Repair, Operations (MRO), industrial & specialist safety products

+77,000

sites serviced by Blackwoods for critical products and specialist services

+70 YRS

combined engineering experience across our mechanical team

6

Distribution centres

BLACKWOODS can assist with any of your hydraulics needs with some of our main industries we can support listed below.



CONSTRUCTION



MINING



MARINE



GOVERNMENT/DEFENCE



AGRICULTURE



INDUSTRIAL MANUFACTURING



FOOD & BEVERAGE



OIL & GAS

WHY BUSINESSES TRUST BLACKWOODS?

Blackwoods is Australia's largest industrial supplier of Maintenance, Repair and Operations products, with more than 200,000 customers across 77,000 sites. Our access to over 300,000 products backed by a strategic global supplier network is just one reason why Australian businesses have trusted Blackwoods to help them get the job done for nearly 150 years.

What makes Blackwoods unique is our comprehensive expertise. When you engage with us, you're partnering with a team of specialists in hydraulics, manufacturing, metals, industrial fittings, valves, pumps, and power transmission, with team members with mechanical engineering backgrounds ready to advise.

What is hydraulics?

Hydraulics is a mechanical function that uses pressurised liquid to create force that is applied at one point and is transmitted to another point. Hydraulic systems exert pressure on fluid to generate power and movement. If an application is lifting, holding, pushing, pulling, or rotating heavy objects it's most likely using hydraulics.

Why are we entering this space?

In one word: demand. In recent years we've fielded an increasing number of requests for hydraulic products from across our customer base. Given our extensive expertise in the field, and our partnerships with some of the most trusted global hydraulic manufacturers of world-class hydraulics products, we felt that now was the right time for us to enter the hydraulics space.

Everything under one roof

With this exciting move into the hydraulics space, Blackwoods can now offer its customers an unequalled range of hydraulic components, hoses and fittings, in addition to our massive catalogue of hydraulic fluids, tooling, and safety gear, all under one roof.

Blackwoods' footprint in Australia (national branch network) means we can service customers in all regions, and our advanced digital capabilities - employing smart integration with customers and suppliers - ensure seamless deliveries. Our website is our digital storefront, host to thousands of hydraulic products available to buy at just the click of a button.

Need critical items close to hand? No problem - our digital systems ensure that key products are always kept in stock at the closest Blackwoods branch to your site. We can also install trackable vending machines onsite to secure stock levels of fast-moving consumables. Combining an extensive range of products from quality brands at competitive prices, and comprehensive industry expertise, Blackwoods is your one-stop-shop for all your hydraulic requirements.

The Blackwoods way: End-to-end solutions

At Blackwoods we believe in providing a complete, end-to-end customer experience. Drawing on our vast network of preferred suppliers and our deep industry expertise, we're proud to offer our customers a one-stop-shop for all your hydraulics requirements.

From simple product selection enquiries to comprehensive hydraulic system designs and bespoke solutions, Blackwoods will assist you every step of the way. Our product selection specialists, many of whom have a mechanical engineering background, are able to perform on-site hydraulic parts audits at customer locations by arrangement and can recommend Blackwoods' wide range of hydraulic products to ensure your systems run clean, dry and cool.

MAJOR BRANDS IN HYDRAULICS

A global network of internationally renowned partners.

Blackwoods boasts an extensive partner network of trusted hydraulic suppliers and manufacturers, providing over 300,000 products of the highest calibre. Our ability to draw on this network means whatever your mechanical requirements, Blackwoods can provide it – as an off-the-shelf item or a custom order – in volume, and to any location nationally.



LEARN
MORE

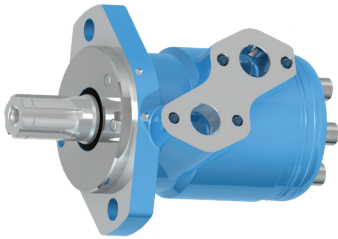


Scan the QR code to learn more about our end-to-end mechanical solutions. Or contact your Blackwoods account manager.

PRODUCT RANGE

MOTORS

Hydraulic motors are generally used for tasks that require a large amount of rotary force or torque. Blackwoods' range of these motors includes Orbital, Gear, Piston, and Vane.



SCAN FOR MORE INFO.

PUMPS

The pump creates the flow in a hydraulic system. Blackwoods stocks a wide range of hydraulic pumps, including Gear, Piston, Hand, and Vane pumps. Not sure which pump you need? Our team is ready to advise.



SCAN FOR MORE INFO.

VALVES

Hydraulic valves have multiple functions, including flow regulation and direction, and pressure control. Our range includes Cartridge, CETOP, Monoblock, Sectional and Inline valves.



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FILTERS

Blackwoods has won a number of filter consolidation projects, stocking a wide range of Breathers, Suction Filters, Inline Filters, Pressure Filters, Return Filters, Offline Filters, Indicators and Condition Monitoring systems.



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CYLINDER

Where there's a heavy load that needs to be lifted, held, pushed, pulled, or lowered, you'll most likely find a hydraulic cylinder. We have a range of General Purpose, High Tonnage, Low Height, and Telescopic cylinders to name just a few.



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ACCUMULATORS

We have access to a range of Bladder, Piston and Diaphragm accumulators with QR codes on the name plate allowing you to access all the important documents such as brochures, instructions, spare parts lists, and other documents relating to the accumulator.

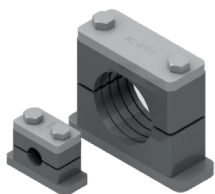


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MOUNTING CLAMPS

Blackwoods stocks a wide selection of standard, heavy duty, and twin mounting clamps to accommodate a wide number of applications across the construction, manufacturing, engineering, and industrial sectors.



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GAUGE & ACCESSORIES

Gauges come in a range of shapes, sizes, and functions. We stock a range of clear, easy-to-read Pressure, Level and Sight Gauges.



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MORE INFO.

BELL HOUSING & COUPLINGS

Blackwoods stocks a huge range of bell housings, couplings, and spiders to safely connect your electrically or engine driven motor to your hydraulic pump. No matter the size, mounting or input configuration, we'll ensure you have the right component to safely connect your motor to your pump.



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MORE INFO.

OIL COOLERS & HEAT EXCHANGES

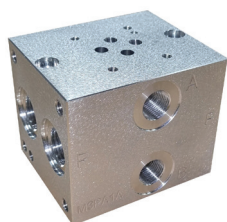
Blackwoods has access to a range of oil coolers or heat exchangers. For example, a plate heat exchanger which is used wherever there is a transfer of thermal energy from one fluid to another. The advantage is that it can maintain the fluid temperature at a very low and stable level.



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MANIFOLD & SUBPLATES

Blackwoods can provide you with every manifold or subplate you want in either aluminium or steel. These range from simple single bank, CETOP 3 manifolds all the way up to fully customisable configurations.



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MORE INFO.

HOSE & FITTINGS

Blackwoods can supply an extensive range of hydraulic hoses, fittings, adaptors, and couplings in a range of different sizes, styles, and materials to suit any hydraulic application. Need something bespoke? No problem – we can develop and manufacture custom assemblies as required.



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MORE INFO.



HYDAC: MAXIMISING SHARED SYNERGIES

HYDAC International, a world leader in motion control and fluid technology, is a valued Blackwoods partner. Operating in over 50 countries with more than 9,000 employees and 500 sales and service partners worldwide, HYDAC's stellar reputation across all industries, including defence, mining, offshore, construction, agriculture and power generation meshes perfectly with Blackwoods' capability in the mechanical and hydraulics space.

"We're delighted to partner with Blackwoods, Australia's largest supplier of industrial and safety supplies," says HYDAC Company Director Peter Agius. "Blackwoods' commitment to support the entire HYDAC product portfolio as a single-source supplier for hydraulic and lubrication products provides additional market penetration for HYDAC and enlarges Blackwoods' product range considerably."

Supported by Blackwoods' national reach and footprint, this strong partnership benefits the two companies, and passes these benefits on to their customers, Mr Agius says. "Blackwoods commitment to product support and stock holding of our extensive product range covering all areas of fluid power is an immense asset to all concerned in logically strained times."

Of special benefit to Blackwoods is HYDAC's dedication to upskilling specialist Blackwoods personnel in motion and control technologies through its state-of-the-art training school.

With HYDAC's goods and services now fully integrated through Blackwoods' online portal, this formidable partnership is set to benefit customers in the hydraulics space well into the future.



LEARN MORE



Scan the QR code to view
HYDAC product range or contact
 your Blackwoods account manager.



ENERPAC: PROVEN COLLABORATIVE EXPERTISE

The decision for Enerpac - a renowned global market leader in high-pressure hydraulic tools and components - to partner with Blackwoods was a very simple one, says Darryl Lange, Enerpac's Sales Director, Key Accounts for Australia, New Zealand, and PNG.

"Blackwoods' hydraulics and mechanical industry experience and expertise is really exceptional", says Mr Lange, "and their national reach means there's always a range of our products stocked, as well as supported, wherever it's needed."

The Enerpac brand is considered the industry standard in aerospace, infrastructure, manufacturing, mining, power generation, oil & gas and more; their reputation for excellence under the most intense and demanding conditions makes them the perfect fit for Blackwoods.



For Darryl Lange, the key to the partnership is collaboration. "We know that if an enquiry comes through for a complex project, we can rely on Blackwoods team to analyse the issues, and help provide the right solution for the customer," he says.

A case in point is the recent collaboration job where we worked on a torque and tension project for the Sydney Harbour Bridge that required technical support. Following a joint call, an onsite visit was organised with members of Blackwoods and Enerpac to understand the client's needs.

With the situation fully assessed, an Enerpac system solution was recommended to provide precision torque tooling, to set the correct torque for new bridge rivets.

Blackwoods provided delivery of such products as Battery Torque Wrench Pumps, Square Drive Torque Wrenches and Drive Units with Cassettes.

"This sort of collaboration happens on a weekly, sometimes daily basis," says Mr Lange. "With our joint expertise, and Blackwoods providing Enerpac products nationally, you can rely on quality and precision every time."

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Scan the QR code to view Enerpac product range or contact your Blackwoods account manager.

END-TO-END MECHANICAL & HYDRAULIC SOLUTIONS

It's not surprising that for nearly 150 years, Australian companies have trusted Blackwoods to help them get the job done.

The Blackwoods point of difference is comprehensive expertise – our product selection specialists, many of whom have a mechanical engineering background means we're able to solve complex problems in the mechanical and hydraulics space, as well as supply products from our 300,000 strong product catalogue.

This exclusive end-to-end service is why internationally renowned companies like HYDAC, a world leader in motion control and fluid technology, and Enerpac, provider of world-class advanced industrial tools and services, look to engage with Blackwoods. In this video, Peter Agius, Company Director at HYDAC, and Darryl Lange, Sales Director Key Accounts Australia, NZ and PNG at Enerpac outline why Blackwoods is a chosen valued partner for their companies.



**WATCH
NOW**



Scan the QR code

to watch our exclusive end-to-end mechanical and hydraulics solutions video.

NEXT STEPS

Contact your **Blackwoods Account Manager** for more information or visit info.blackwoods.com.au/mechanical-and-hydraulics to further understand our end-to-end mechanical solution and capabilities.



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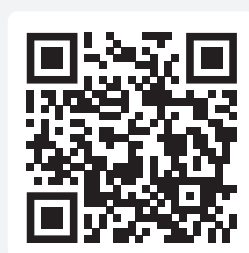


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NATIONAL BRANCH NETWORK



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