BERENDSEN
FLUID POWER

PRODUCT BROCHURE

Second Edition

Why Berendsen?

ISO 9001 certified Australian designer and manufacturer of hydraulic cylinders, manifolds and power units

Tier-one importer and distributor of hydraulic products, direct from manufacturers

Our national network of branches has a successful track record working with large multisite organisations including many iconic Australian brands; BlueScope, Rio Tinto, OneSteel, BHP and Visy

Unrivalled capacity to meet the full spectrum of requirements for both large and small scale users of hydraulic equipment

Strong safety culture and systems audited and accredited for both on-site and off-site works by major clients including Rio Tinto, BlueScope and Broadspectrum

A trustworthy, secure and reliable partner with over 20 years' experience

We are committed to providing for our clients' full range of hydraulic needs

FEATURED BRANDS

BERENDSEN FLUID POWER

As Australia's largest locally owned hydraulics company, Berendsen Fluid Power service, manufacture and distribute custom hydraulic components and solutions across the whole of Australia. Besides the service and engineering divisions, Berendsen's key manufacturing activities take place in the state of the art, ISO9001:2015 certified Newcastle branch.

Berendsen have developed their own range of cylinders including roundline cylinders, AM1 mill cylinders and telescopic as well as custom built cylinders, manifolds and lubrication units to customer specifications.

We supply Berendsen:

- ✓ A1 mill cylinders
- ✓ Medium and heavy duty roundline cylinders
- ✓ Telescopic cylinders

The HYDRAULIC Warehouse

THW aims to provide a wide range of cost effective products to the Australian fluid power industry through their international supplier network.

High stock levels and a national distribution network ensure quick order turn around time for clients, helping to minimise down time and get machinery back up and running.

THW produce a range of hydraulic gear pumps, with a variety of shaft and mounting options, cetop valves and other hydraulic valve types for industrial and mobile applications.

We supply THW:

- ✓ CETOP Valves
- ✓ Gear Pumps
- ✓ Mobile Valves
- ✓ Accessories

Danfoss

Danfoss are one of the largest manufacturers and suppliers of power and control systems world wide, either as components or integrated systems.

With a long history dating back to 1933, Danfoss is a major player in the hydraulic power sector for industries such as agriculture, construction, manufacturing and mining.

Danfoss supply markets world wide with hydrostatic transmissions, orbital motors, valves, hydrostatic steering systems, AC/DC motors and mobile electronic controls.

We supply Danfoss:

- ✓ Axial piston motors
- ✓ Medium and heavy duty transmission pumps
- ✓ Orbital motors
- ✓ Piston pumps
- ✓ PVG load sensing valves

EATON | Char-Lynn

Since 1970, Eaton Char-Lynn has been delivering quality steering controls, general purpose motors, including spool valves motors, disc valves motors, and other high-performance motors.

Known for their quality and performance, these highly cost-effective, industry leading products are widely used in a broad range of industrial and off-highway vehicle applications.

We supply Eaton Char-Lynn:

- ✓ Orbital motors
- ✓ Power steering units
- ✓ Gerotor/Geroler motors

FEATURED BRANDS

EATON | Vickers

As one of the most respected and well known names in the hydraulics industry, Vickers components can be found in industrial, mobile, aerospace, marine and defence applications worldwide.

Vickers produce cylinders, valves, motors, pumps, filters and more for the full scope of hydraulic power applications.

We supply Vickers:

- ✓ Axial piston motors
- ✓ Counter balance valves
- ✓ Directional control valves
- ✓ Pressure reducing and relief valves
- ✓ Proportional and sequence valves
- ✓ Screw-in cartridge valves
- ✓ Tie rod cylinders
- ✓ Vane motors and pumps
- ✓ CETOP

EATON | Hydraulics

Eaton's unwavering dedication to leadership in mobile and industrial applications has made it one of the world's preferred brands of hydraulic solutions.

Eaton pumps, motors, transmissions, valves, cylinders, controls, hose and fittings offer a unique combination of proven technology and innovative design that translates directly into reliable performance and enhanced uptime.

We supply Eaton Hydraulics:

- ✓ Combination units
- ✓ Gear motors and pumps
- ✓ Medium and heavy duty piston pumps
- ✓ Light, medium and heavy duty transmission pumps

NORDON CYLINDERS AUSTRALIA

Nordon Cylinders are specialist manufacturers of all types of cylinders for any application, ranging in stroke size of 10mm to 6m and everything in between.

Nordon Cylinders are manufactured here in Australia in their state of the art factory in Brisbane using the latest 3D CAD technology and techniques to be able to create.

We supply Nordon Cylinders:

- ✓ Agricultural cylinders
- ✓ Light industrial cylinders
- ✓ Phasing cylinders

PALL

Pall have been in the business of manufacture and innovating filtration, separation and purification products for over 60 years, for applications ranging from food and beverage and water treatment to hydraulic power systems and pharmaceutical applications.

Pall offer a full range of breathers, filter and filter elements, oil purifiers, membranes and housings for hydraulic systems.

We supply Pall:

- ✓ Filter elements
- ✓ High pressure filters
- ✓ Return line filters
- ✓ Spin-on filters

We supply a wide range of hydraulic products and solutions

A leader in brake technology, Ausco Products Inc continues to innovate and produce some of the highest quality brakes for the mining, logging, construction and agriculture industries.

Design and built for the harshest conditions, Ausco have brakes for applications in all size ranges, from skid steer loaders to backhoe loaders and combine harvesters.

We supply Ausco:

- ✓ Multi-disc brakes

Founded in Italy in 1956, Bonfiglioli has a long tradition of pioneering transmission design, construction and production.

With a focus on environmental protection, production quality, efficiency and economy of process and a commitment to continuously increasing their know-how and organisation to maximise customer satisfaction.

We supply Bonfiglioli:

- ✓ Industrial gearboxes
- ✓ Planetary gearboxes

With over 65 years experience, Aeroquip are the specialists in hydraulic hose, fittings, adapters, couplings and fluid connectors for all pressures in industrial, aerospace and automotive applications.

Aeroquip products are known for their technological edge and are particularly well regarded among both amateur and professional racing and performance automotive enthusiasts. Aeroquip continue to advance the field of hoses, fittings, adapters and connectors in all manner of hydraulic applications.

We supply Eaton Aeroquip:

- ✓ Hose fittings
- ✓ Hydraulic hoses

Part of the Eaton group, Internormen continues to build on their 40+ years of expertise in hydraulic lubrication and filtration solutions as well as instrumentation.

Eaton Internormen's product range includes return line suction filters, duplex and pressure filters as well as in-line measuring systems and sensors.

We supply Internormen:

- ✓ Filter elements
- ✓ High pressure filters
- ✓ Return line filters
- ✓ Spin-on filters

FAIRFIELD
GEARED FOR EXCELLENCE

Fairfield design and manufacture a wide range of gear and drive solutions to leading off-highway vehicle and industrial equipment manufacturers, providing both standard and custom solutions requiring torque ranges from 800 Nm to over 4 million Nm.

Part of the Oerlikon group, Fairfield manufacture a range of precision engineered gears and drives such as spur, bevel, spiral bevel and ground tooth gears and housings, as well as differentials and shafts and their range of Torque Hub final drives.

We supply Oerlikon Fairfield:
- ✓ Compact drives
- ✓ Gearboxes
- ✓ Torque Hub brakes
- ✓ Torque Hub wheel, shaft output and spindle output drives

FLUID-PRESS

From their head quarters in Italy, Fluid-Press prides itself on its precision designed valves for fluid power applications, each tailored to its specific application and requirements.

R&D is at the heart of Fluid-Press' success, and they are driven by the challenge of exceeding customer expectations and providing in-depth information and specifications for their products to help customers make the most informed choices.

We supply Fluid-Press:
- ✓ Cartridge valves
- ✓ Overcenter valves
- ✓ Pressure reducing valves
- ✓ Pressure relief valves
- ✓ Sequence valves

Globe

SPX Globe are best known for their powerful radial piston air motors, producing some of the highest torque for their weight among comparable motors.

SPX Globe also produce and distribute a range of pneumatic gearboxes, valves, brakes and controllers to provide power for applications such as winches, mixers, pumps, conveyors and hoists.

We supply SPX Globe:
- ✓ Air motors

Hallite

Hallite produce seals and sealing solutions for hydraulic applications world wide.

As a member of the Fenner group, the world leader in developing advanced polymer products, Hallite are well placed to produce their range of rubber and plastic seals.

Hallite seals and plastic products are made in accordance with ISO 9001 quality certification, and provide extensive information for end users on product storage and material compatibilities on their website.

We supply Hallite:
- ✓ Rod seals
- ✓ Single and double acting piston seals
- ✓ Wear rings
- ✓ Wipers

We are confident at being able to provide premium products at the most competitive prices

HUSCO INTERNATIONAL

Husco International are a global leader in the development and manufacture of hydraulic controls for off-highway applications.

With an aggressive approach to technological and design excellence, Husco aim to lead the industry in all areas of hydraulic control valves.

Husco are well known for their range of hydraulic control valves, sectional valves, cartridge valves and electronic control systems.

We supply Husco International:

- ✓ Directional control valves
- ✓ Sectional valves

HydraForce

High Performance Hydraulic Valves, Manifolds and Electro-Hydraulic Control Systems

HydraForce's vision to be flexible and responsive to the customer's needs has given them a sound reputation in the hydraulics industry. They also provide free design software to give customers all of the necessary details and information on components and parts.

HydraForce rigorously enforce stringent quality and reliability standards, and can boast of exceeding a host of international and ISO certifications.

We supply HydraForce:

- ✓ Cartridge valves
- ✓ Check valves
- ✓ Directional valves
- ✓ Needle valves
- ✓ Pressure reducing and relief valves
- ✓ Proportional valves
- ✓ Sequence valves

IMI NORGREN

Best known for their range of high quality pneumatic components, Norgren also produce hydraulic power components and whole fluid power systems using their extensive experience and manufacturing expertise.

Norgren aim to achieve an engineering advantage in all of their hydraulic and pneumatic components, to allow users to benefit from better performance, reliability and efficiency in their own operations.

We supply Norgren:

- ✓ Pneumatic cylinders
- ✓ Pneumatic filters
- ✓ Pneumatic valves
- ✓ Fittings
- ✓ Air preperation

KPM

Kawasaki Precision Machinery

As part of Kawasaki's hydraulic machinery arm, KPM have over 90 years experience in the hydraulics industry.

Kawasaki manufacture a wide variety of hydraulic products for mobile, industrial, marine, mining and various other applications.

Kawasaki's hydraulic product lines include axial piston pumps, remote control valves, swing motors and the range of Staffa high-torque motors.

We supply Kawasaki:

- ✓ Piston pumps
- ✓ Radial piston motors
- ✓ Staffa motors

Lincoln have over a 100 years of experience in developing and manufacturing grease and lubrication systems and pumps, as well as control valves and electronic meters for these systems.

Lincoln's extensive history has given them a strong following in many industries where their automated greasing systems help reduce maintenance needs and prolong the working life of vehicles and machinery.

We supply Lincoln:

- ✓ Automated lubrication systems
- ✓ Lubrication pumps
- ✓ Lubrication unit fittings, hose reels and accessories
- ✓ Air preparation

Mahle are well regarded in the industry for their quality filtration knowledge and products. With their origins in Germany, Mahle produce high-quality air breathers, suction and return-line filters, low through to high pressure filters, duplex filters as well as various gauges and indicators and filter elements.

We supply Mahle:

- ✓ Filter elements
- ✓ Indicators
- ✓ Filter Housings

Ever since its inception in Italy in the 1960's, MP Filtri has been a major innovator in the field of hydraulic filtration.

MP Filtri now manufacture and distribute globally, and are best known for their range of hydraulic filters, but also offer power transmission components and accessories for hydraulic power units as well as electronic condition monitoring equipment.

We supply MP Filtri:

- ✓ Breathers
- ✓ Filter elements
- ✓ High and low pressure filters
- ✓ In-line filters
- ✓ Particle counters
- ✓ Spin-on filters
- ✓ Suction filters and strainers
- ✓ Tank top return filters
- ✓ Indicators

Olaer have a long industrial history dating back more than 250 years, in activities ranging from pots and kettles, engines for steam ships to munitions and armaments in times of war. These days Olaer are better known for their accumulators and low-pressure surge vessels as well as filters and air/water oil coolers.

Olaer are now part of the Parker Hannifin Corporation.

We supply Olaer:

- ✓ Accumulators
- ✓ Coolers
- ✓ Return line filters

We can create custom hydraulic solutions to your specific requirements

Parker Hannifin Corporation is one of the largest motion control technology companies in the world, who operate primarily in eight different global markets such as aerospace, hydraulics, instrumentation, automation, filtration, fluid and gas handling, climate and industrial control and seals.

We supply Parker:

- ✓ Accumulators: A, AP, ACP series
- ✓ Cylinders: 2H, VH, MMA series
- ✓ Piston and Vane Pumps: F1, P1, PU-PLUS, PC3

Prior to joining the Parker Group, Commercial Hydraulics was well regarded in the industry as a manufacturer of hydraulic pumps, gear and piston motors as well as valves.

Parker Commercial gear pumps are made with the same high-tensile grey iron, and come with a variety of drive shaft options for high-torque applications.

We supply Parker Commercial:

- ✓ Gear Pumps

SPX Power Team focus on high force tools and equipment for heavy duty applications where strong, concentrated force is required, such as construction sites, power plants, rail line work, shipyards and mining among others.

As part of the global SPX group of companies, Power Team continues to push boundaries and innovate in its drive to produce some of the highest quality, high force tools and equipment on the market today.

We supply SPX Power Team:

- ✓ Centre hole cylinders
- ✓ Double-acting cylinders
- ✓ High tonnage cylinders
- ✓ High pressure hoses and couplers
- ✓ General purpose cylinders
- ✓ Air hydraulic pumps
- ✓ Electric hydraulic pumps
- ✓ Hydraulic hand pumps

Rexroth are a multi-disciplined engineering company that specialise in all manner of drive and control products and systems for a wide range of applications.

Rexroth's offering of hydraulic products includes planetary gearboxes, radial and axial piston motors, gear pumps, valves and power modules.

We supply Rexroth:

- ✓ Axial piston motors
- ✓ Directional control valves
- ✓ Medium and heavy duty piston motors
- ✓ Medium and heavy duty transmission pumps
- ✓ Piston pumps
- ✓ Proportional valves
- ✓ Stackable valves

Sai's motto of "Power Through Efficiency" holds true in their range of hydraulic motors and related products. Founded in 1964 in Italy, Sai has developed a good reputation for their innovation and design focus and distribute internationally.

Sai design and manufacture radial piston motors, planetary gear boxes, brakes and related accessories.

We supply Sai:

- ✓ Radial piston motors

SMC specialise in pneumatic power for industry automation with a focus on the accuracy and efficiency of their products.

SMC develop and manufacture pneumatic actuators, valves and connectors as well as more specialised products and solutions for industrial purposes such as desiccant dryers, air grippers and a range of electric actuators.

We supply SMC:

- ✓ Pneumatic actuators
- ✓ Pneumatic filters
- ✓ Pneumatic valves
- ✓ Fittings

Stauff are a German based, international manufacturer and distributor of pipework and hydraulic components such as clamps, filters, valves and accessories as well as testing and diagnostic tools for hydraulic systems. Stauff components are used in the full spectrum of hydraulic application from off-high way vehicles to under-sea cabling and more.

Stauff manufacture and test all their products in accordance with ISO certifications for quality and environmental management.

We supply Stauff:

- ✓ Accessories
- ✓ Filter elements
- ✓ Tube clamps
- ✓ Instrumentation
- ✓ Fittings

In the 60's Stone pioneered the development of compact hydraulic power units using electric motors. Stone has since grown to become one of the leaders in the industry of power packs for hydraulic applications.

Part of the SPX Group's Hydraulic Technologies division, SPX Stone manufacture and distribute power packs, manifolds, oil reservoirs, valves, pumps, DC and AC electric motors and associated accessories.

We supply SPX Stone:

- ✓ Compact DC power units

We stock and service products from a range of suppliers and manufacturers

Sun Hydraulics manufacture and specialise in screw-in hydraulic cartridge valves and pride themselves on delivering high quality customer service.

With a long history of pioneering cartridge valve design and production, Sun Hydraulics offer pressure relief, counter balance, solenoid operated and high capacity valves and more.

We supply Sun Hydraulics:

- ✓ Cartridge valves
- ✓ Counter balance valves
- ✓ Directional valves
- ✓ Pressure relief valves
- ✓ Pressure reducing valves
- ✓ Sequence valves

Valvoline are well known as providers of high quality automotive and industrial lubricants and chemical products.

Used in applications ranging from consumer vehicle engines to high performance race cars and hydraulic systems, Valvoline's ubiquity in the market can be contributed to their continued commitment to quality and performance.

We supply Valvoline:

- ✓ Hydraulic oil
- ✓ Ultra-max

White Drive Products target the mobile hydraulic sector with a range of LSHT motors, hydraulic brakes and hydrostatic drive piston pumps.

With a history of innovation from their origins in the USA, White Drive Products has expanded globally to provide quality products and innovation to the mobile hydraulics sector of the industry.

We supply White Drive Products:

- ✓ Orbital motors

Visit the our website for more information

- ✓ Learn more about how Berendsen can help with all your hydraulic needs, big and small.
- ✓ Shop our range of industry leading brands and products and how you can purchase.
- ✓ Learn more about our custom design and manufacturing capabilities.

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WE PROVIDE QUALITY HYDRAULIC SERVICE AND REPAIR AUSTRALIA WIDE

We have been at the forefront of Australia's hydraulic industry for over 20 years, offering a comprehensive range of fluid power service and repair facilities, products and system solutions, as well as our own range of manufactured products.

Competitively Priced Products

Berendsen is a leading distributor of premium brand hydraulic products.

Quality Service & Repair

Berendsen is a leading provider of first class hydraulic service & repair.

Custom Cylinders & Manifolds

Berendsen is a leading manufacturer of hydraulic cylinders & manifolds.

Custom Hydraulic Design

Berendsen is a leader in hydraulic system design and industry expertise.

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