



SYSTEM AND APPLICATION DESIGN



With the support of a dedicated head office based Engineering and Design Group and a national network of Berendsen branches, Berendsen's Wollongong Branch is able to provide a complete range of engineering services and specialised assistance in a range of areas including:

- Application engineering and re-engineering for optimum performance.
- Installation and commissioning of complete systems.
- Project management of small to large hydraulic projects.
- Process improvement.
- Reference and resource compilation.
- Quality process maintenance.
- Product research and development.

DISTRIBUTION

Berendsen's Wollongong Branch is a distributor of a large range of leading hydraulic brands including:

 Hydraulic Connectors & Accessories	 Hydrostatic Transmissions, Pumps & Motors	 Pumps, Valves, Motors & Cylinders	 High Torque Motors & Power Steering	 Failsafe Brakes	 Planetary Final Drives & Wheel Drives
 Filters & Hydraulic Accessories	 Cartridge Valves	 Solenoid Cartridge Valves	 Screw In Cartridge Valves	 Monoblock & Modular Directional Valves, Gear Pumps	 Radial Piston Motors
 Hydraulic Gear Products	 Agricultural Cylinders	 Hose & Fittings	 Modular Directional Valves	 Mini AC & DC Power Units	 Specialised Tools & Equipment
 Filtration, Separation & Purification Specialists	 Pneumatic Cylinders, Valves & Air Filters	 Planetary Gearboxes	 Hydraulic Gear Pumps	 Hydraulic Manifolds	 Accumulators & Heat Exchangers

ADELAIDE - BRISBANE - BUNDABERG - GEELONG - MACKAY - MELBOURNE - NEWCASTLE
PERTH - SYDNEY - TOOWOOMBA - TOWNSVILLE - WOLLONGONG

BFP033



CALL 1800 705 192
info@berendsen.com.au



Berendsen Fluid Power is Australia's largest locally owned hydraulics company offering the nation's most comprehensive range of fluid power products, service and repair facilities, and system solutions.

industries, including mining, manufacturing, transport, agriculture and mobile equipment industries.

With our nationwide network of sales and service branches, Berendsen is equipped to deliver a prompt and fully integrated fluid power solution - whatever the requirement.

With our experienced team of field and workshop technicians, sales and application engineers, project managers and support personnel, we are able to competently and comprehensively support our customers in all facets of hydraulics. In addition to our workmanship, our branch is committed to ensuring the highest standard of environmental and OH&S compliance is maintained throughout all elements of our branch's operations.



6-8 Brady Street, Berkeley NSW 2506 Ph - (02) 4229 7333 Fax - (02) 4271 3344



BERENDSEN WOLLONGONG'S FACILITIES

Berendsen's Wollongong Branch state of the art facility was custom built in 2007, providing a fully equipped modern workshop and office, with a dedicated workshop floor space of 1500m². The branch facilities include:



Component Testing

- Hydraulic Test Centre consisting of two independent pump sets delivering 22kw and 75kw of power respectively. Diagnostics are calibrated to a schedule and fluids are maintained to an ISO level.
- Solcenic test rig.
- Component specific test rigs.

Stripdown and Assembly

- Custom built work benches with a dedicated area for clean dis-assembly and assembly of pumps, motors and valves.
- Complete range of air and hydraulic tools.
- A large range of specialty tools for specific requirements.

Honing Facilities

- Honing machine capable of honing diameters up to 450mm and 3000mm in length.

Lifting

- Overhead crane with lifting capabilities up to 10 tonne.
- 1 tonne pedestal crane servicing the machine shop.
- Forklift with 4500kg capacity x 4500mm mast lift.

Cylinder Stripping and Testing

- Cylinder maintenance cell that provides for stripdown, repair, overhaul and testing service incorporating an elevated floor which captures oil spillage and maintains a clean, safe environment.
- Horizontal cylinder stripping bench with a torque capacity to 30000Nm.
- Stripping bench capable of stripping cylinders up to 9000mm in length.

Turning Capabilities

- Two manual lathes with up to 650mm swing and 3000mm in length capacity.
- One manual lathe with up to 400mm swing and 1500mm in length capacity.

General Machining

- Two milling machines including a Pacific mill complete with digital readout and universal dividing head.
- One radial arm drill.

General Facilities

- Spray Booth facility with high capacity filtered airflow expelled to ambient temperature via twin exhaust ducts ensures an appropriate corrosion resistant and aesthetic finish on all serviced components.
- Fully enclosed and licensed wash bay.
- Fully enclosed Turbo wash for component cleaning.
- Dedicated hydraulic hose assembly and testing facility (MDG41 compliant).
- Dedicated hot works area complete with fume extractor and variable speed turntable for mild or stainless steel and bronze MIG, TIG and electric arc welding.

MANUFACTURE

We are pleased to be able to offer our customers the benefits of our manufacturing facilities, located in Geelong and Newcastle, where we design and manufacture standard and customised products including cylinders, hydraulic hoses and power units. With multiple CAD and CAM stations, our engineers are able to efficiently develop and implement practical solutions to meet specific requirements.



Berendsen's dedicated manufacturing facility in Newcastle produces a large range of heavy duty cylinders, including Roundline and Mill Cylinders. These cylinders are the first choice for a well engineered heavy duty hydraulic actuator application.

Our Newcastle facility is also able to custom design and manufacture special cylinders to meet individual application and dimensional requirements. We are able to manufacture from 25mm to 600mm dia. bore, up to 12000mm in length and stroke sizes up to 8000mm. Types of cylinders include telescopic multiple stage cylinders, spring loaded cylinders, synchronised constant velocity cylinders and linear servo actuators.

Everything Berendsen manufacturers is of the highest quality and made to the appropriate Australian Standards.

SERVICE AND REPAIRS

The hydraulic service and repair capabilities of Berendsen's Wollongong Branch include:



- 24 hour, 7 day a week after hours service support.
- Preventative maintenance programs.
- Extensive stock holding and spare parts support service.
- Experienced and qualified field service technicians with fully equipped service vehicles capable of providing all types of on site repairs and service.
- Repair and overhaul of pumps, motors, cylinders and all types of hydraulic components and systems.
- Hydraulic hose assembly and testing facility stocked with Manuli hose and adaptors.

