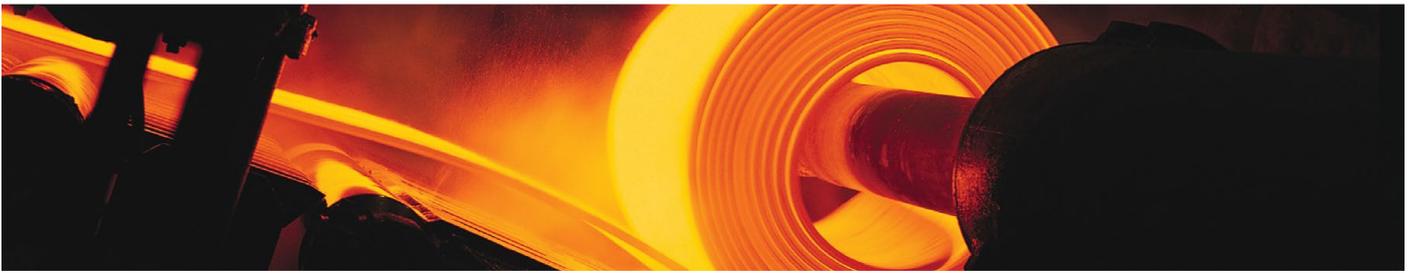


At full production it's too late to ask questions about the quality of your cylinder rebuild.....



.....trust Berendsen to deliver your precision cylinder rebuilds on-time, every time

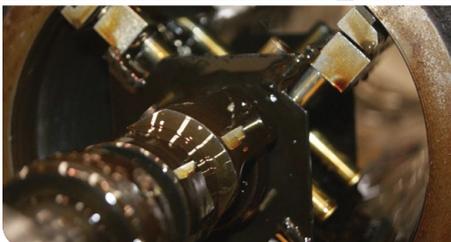
In today's competitive marketplace, control of machine uptime is critical. That's why Berendsen's customers demand cylinder rebuilds that perform and last. Our technical know-how, comprehensive workshop facilities, stringent quality assurance control and national branch network set Berendsen apart as Australia's leading provider of hydraulic cylinder repair services.

Expect superior life and performance from our rebuilt cylinders, and first rate service from our staff. All that plus the peace of mind that comes with our comprehensive warranty.

Contact Berendsen locally for immediate service on **1800 814 411.**

CALL 1800 660 249 | info@berendsen.com.au





What do we offer?

✓ CYLINDER STRIPPING AND ASSESSMENT

Our workshops are equipped to safely deal with the most challenging of cylinders; including lifting equipment, maintenance cells and stripping benches with nut cracking attachments. Our process begins with a detailed assessment of your cylinder's condition, including measurement, pre-test, NDT and failure analysis where applicable.

✓ CYLINDER DESIGN ENHANCEMENT

Chronic cylinder problems are normally the result of inadequate initial design and/or incorrect prior repair; this invariably leads to premature failure and increased downtime. Enhancements in design and specification, including seal selection, material selection, tolerances and surface treatments can result in vast increases in uptime and associated cost savings. Berendsen boasts technical staff with decades of experience in cylinder repair and design evaluation, and our engineering department is equipped with the advanced drafting and modeling software necessary to redesign your cylinder from scratch. Whilst you are under no obligation to adopt our recommendations, we do recommend that you consider the long-term benefits of a properly designed cylinder.

✓ MILLING AND TURNING

When close tolerances and high pressures are in play, the only way to avoid problems down the line is to employ precision engineered parts manufactured from high tensile materials. Our workshops are equipped with a range of manual and computer assisted milling and turning machines that cater for the most comprehensive variety of machining requirements in our field. Whether the requirement is to simply repair a damaged thread or produce a complete new rod, piston, barrel, clevis, end-cap or trunnion block assembly, our workshop network has the equipment to carry out the job.

✓ BARREL HONING AND RECLAMATION

With honing facilities in nine locations, ranging from far North Queensland to Victoria and Western Australia, Berendsen can reclaim barrels and turn around repairs swiftly, regardless of your location. Our facilities include hones that can accommodate bores up to 500mm and barrel lengths up to 12000mm, which covers the vast majority of customer requirements.

✓ CHROMING

Our chroming suppliers are selected for consistent turnaround and high quality results, and our longstanding relationships and high volumes mean your chroming requirements will receive top priority. Whilst many repairers will hand finish and flash chrome rods to minimize their costs, Berendsen prefers to grind, chrome and grind rods to a minimum 0.002 which delivers maximum durability and corrosion resistance.

✓ WELDING

Our network is equipped with the technology and skills to deliver a variety of welding services. Standard capabilities include MIG, TIG and weld reclamation, whilst selected locations offer specialised techniques including Submerged Arc and Aluminum Bronze overlay techniques.

✓ ASSEMBLY, PAINT AND TESTING

The assembly of cylinders is guided by Berendsen's documented assembly procedures, which ensures a consistent, high quality result. To ensure quality and reliability, the performance of every refurbished cylinder is verified in a test environment. To this end, our sites are equipped with a variety of testing equipment, ranging from basic pressure testing rigs, to advanced electronic test equipment custom-built to cater for special applications. Each cylinder is painted by one of our fully equipped spray booths or, where specialised coatings are required, by our preferred coating service providers.

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