

Video:
https://youtu.be/IS3m_mriKRU

ENGINEERING SPECIALISTS

Hydraulic Repairs – Pumps and Motors

Alatas Engineering are specialists in the repair and test of pumps, motors, actuators and complete system overhauls.

With a combination of highly skilled hydraulic technicians, a specially designed and fully equipped workshop and state of the art testing facilities, we are able to offer complete repairs, including manufacturing and machining facilities in our own precision engineering workshop, all under one roof.

We know that production stops when units break down and always prioritise emergency repairs by giving customers a speedy fault diagnosis and evaluation. Having 24/7 on-site capabilities in all our workshops and excellent relationships with the top suppliers of hydraulic components means that customers' repairs are carried out as quickly and economically as possible.

You can be assured that whatever the make, model or condition of your faulty unit or system, we have all the equipment and expertise to fully restore, test and refurbish to an "as good as new" condition.

Our new hydraulic test station can pressure test all units throughout the industry and our multi-speed data-logging equipment gives full results and traceability on every repair carried out.

Whatever your hydraulic problem – we have the solutions!

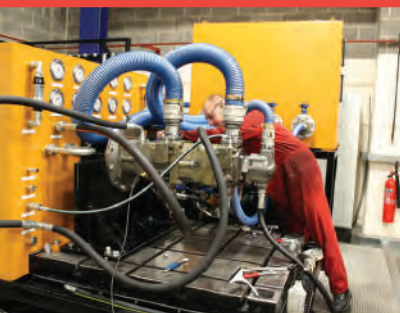
- Atos
- Bosch Rexroth
- Brueninghaus
- Cessna
- Char-Lynn
- Commercial
- Daikin
- Danfoss
- David Brown
- Denison
- Dowty
- Eaton
- Enerpac
- Fukushima
- GPM
- Hagglund
- Hamworthy
- Hauhinco
- Hawe
- Hitachi
- Hydac
- Hydraulik Ring
- Hydromatik
- IHI
- Intertech



- Free collection, strip, investigation and quotation (UK Mainland)
- Free initial site consultation
- Detailed diagnosis and a no obligation quote
- Service engineers available for breakdowns and system troubleshooting
- On site commissioning including help and advice
- Rapid response, cost effective, quality, AND out of hours repairs
- Manufacture of obsolete parts in own fully equipped workshop
- Supply of spare and replacement parts / components at discounted rates
- System re-design and modifications to poorly maintained applications
- Complete system designs for new applications
- On site testing facilities with detailed test reports
- Full comprehensive warranty on all repairs carried out

With a highly skilled team of hydraulic technicians, many of whom have more than 30 years in the industry, we believe our knowledge, experience and skills are second to none!

- Kawasaki
- Komatsu
- Liebherr
- Linde
- Mitsubishi
- Parker
- Permco
- Poclain
- Racine
- Rexroth
- Salami
- Samhydraulik
- Sauer Bibus
- Sauer Siro
- Staffa
- TWG
- Uchida
- Vickers
- VOAC
- Voith
- Volvo



Providing top quality, cost effective, engineering AND hydraulic solutions

Hydraulic Cylinders (Rams)

Repair / Refurbish / Manufacture

As a repair specialist of hydraulic cylinders/rams we are committed to performing all repairs/refurbishments as quickly and efficiently as possible in order to minimise downtime costs.

With a fully equipped machining and precision engineering workshop and our specially adapted in-house cylinder repair/manufacture facility, we can handle virtually all sizes and types of rod, clevis, gland and trunnion applications with on-site testing facilities, full traceability and third party approval certification wherever required.



- Single Acting Cylinders
- Double Acting Cylinders
- Displacement Cylinders
- Telescopic Cylinders
- Tie-Rod Cylinders
- High Pressure Cylinders
- Rod Feed Cylinders
- Spring Return Cylinders
- Trunnion Mounted Cylinders
- Subsea/Marine/Offshore Cylinders

- Rod regrinds • Cylinder honing • Re-seals or replacement seal-kits • New rods, tubes and parts • Replacement cylinders



- Free strip, investigation and quotation (UK Mainland)
- Detailed diagnosis and assessment of best possible course of action
- No obligation quotation and report
- On site commissioning available
- Rapid response, cost effective, quality, AND out of hours repairs
- Manufacture of replacement parts in own fully equipped workshop
- Supply of spare and replacement parts
- Complete traceability on all repairs carried out
- Third party approval certificates of conformity if required
- Full comprehensive warranty on all repairs carried out
- Lloyds Register
- ISO 9001:2008

We know that production stops when units break down – we have on-site manufacturing and repair facilities plus excellent relationships with all the main parts suppliers, so we can offer top quality repairs, at realistic prices, whilst keeping customer down time to an absolute minimum.

- Caterpillar
- Clark
- Edbro
- Eimco
- Enerpac
- Hausherr
- Hunger
- JCB
- Komatsu
- Liebherr
- MacGregor
- Parker
- Rexroth
- Vickers



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CNC Machining & Precision Engineering

Alatas Engineering specialise in the manufacture of high quality precision machined components which are produced in batch sizes from 1-offs to regular scheduled call offs, from proto-typing to full batch – all to suit customer requirements.

With a combination of manual and state of the art CNC machines, plus time-served engineers, Alatas Engineering can manufacture to clients' own drawings, samples and specifications and have full inspection procedures with traceability at all times and ISO 9001:2008 registration.

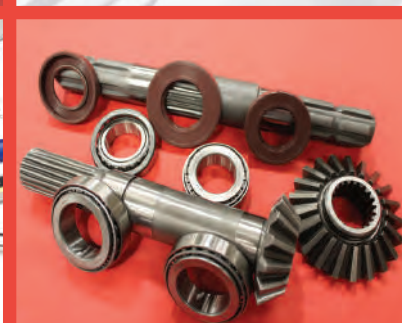
ALL ASPECTS OF GENERAL AND BESPOKE ENGINEERING INCLUDING:

- CAD/CAM • CNC MACHINING • FABRICATION • INSPECTION • JIG BORING • JIG & FIXTURES • MILLING
- KEYWAY • PRESS TOOLS • PROTOTYPING • SMALL BATCH • SURFACE GRINDING • TURNING
- WELDING • INTERNAL & CYLINDRICAL GRINDING • TOOL & CUTTER GRINDING



- Combination of manual and state of the art CNC machining
- Prototype and tooling design and manufacture
- Any batch size possible-from one off specials to large batch runs
- Full assembly of families of parts
- Full traceability of individual components at all times
- Inspection procedures for all processes
- ISO 9001:2008 registered

With a growing reputation for quality workmanship, our experienced craftsmen are dedicated to providing first class and cost effective solutions:
first time – on time – every time

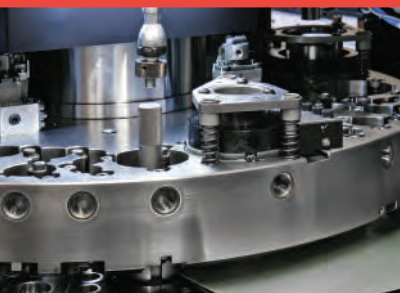


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Machinery Breakdown Support

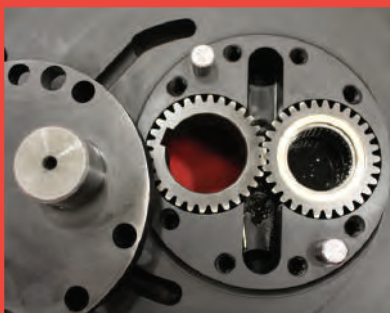
Alatas Engineering have offered a critical machinery breakdown support and rapid response service for local process industries for many years.

We aim to help customers achieve minimum machinery down-time by offering a 24/7 breakdown service whenever required, or stage planned repairs and maintenance during production shutdowns. With complete in-house repair facilities and experienced, specialist engineers we can re-work or re-manufacture machine parts from designs, samples or drawings – and by working closely with each customer on a dedicated basis we can complete repairs quickly and efficiently and have the machinery back in production as soon as possible.



- Quality workmanship and the highest possible level of service
- Cost effective solutions and a speedy turnaround to minimise downtime
- Refurbish, repair, manufacture options
- Bespoke engineering to clients' own drawings including CAD/CAM
- Safe, secure, clean working environment
- Continuous investment in plant, machinery and new technologies
- 24-7 services – so machinery breakdowns are no problem
- Hydraulic Testing Facilities
- ISO 9001:2008 registered

By having “everything under one roof” we can offer customers a fast turnaround when a breakdown of plant, equipment or machinery has brought production to a standstill.



Providing top quality, cost effective, engineering AND hydraulic solutions

Gearbox Repairs / Refurbishment

As one of the UK's leading specialists in mobile and industrial gearbox repairs we offer a comprehensive repair/refurbish service on virtually all makes and models of industrial gearboxes – we also offer a bespoke manufacturing service for obsolete bearings (from samples or drawings) and can supply various spare parts including specialised seals.

No matter what condition a gearbox may be in when it arrives at our repair centre, our customers can rest assured that our highly skilled technicians will be able to repair or refurbish their gearbox to a “good as new” condition. As soon as units reach our workshops they are dismantled and inspected and a report and schedule of work will be presented to the customer. Wherever possible genuine replacement parts from the original gearbox manufacturer are used, but obsolete parts can be re-manufactured in our own precision machine shop. By working closely with our customers and having “everything under one roof” we can keep lead time and costs to an absolute minimum.



- Free dismantle, investigation and quotation (UK Mainland)
- Detailed diagnosis and assessment of best possible course of action
- On site commissioning available
- Rapid response, cost effective, quality, AND out of hours repairs
- Manufacture of obsolete or difficult to source parts in own workshop
- Supply of spare and replacement parts at competitive prices
- Complete traceability on all repairs carried out
- Third party approval certificates of conformity if required
- Full comprehensive warranty on all repairs carried out



As specialists in repairs and refurbishments for the mining and marine industries we have a quick and efficient turnaround in order to minimise downtime – and with excessively long lead times from manufacturers (often around 26 weeks) it makes good logistical and financial sense to repair or refurbish wherever possible.



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Marine / Offshore Repairs & Refurbishment

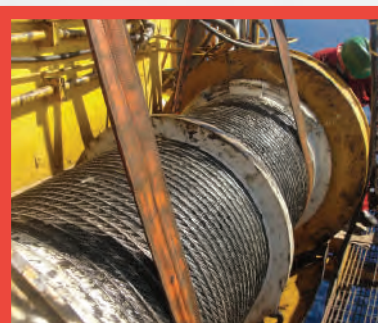
With many years' experience in marine and offshore gearbox winch and crane repairs we offer a comprehensive repair/refurbish service on most makes and models – we also offer a bespoke manufacturing service for obsolete bearings (from samples or drawings) and can supply various spare parts including specialised seals.

Offshore and marine breakdowns can create massive production and logistical problems and, as replacements have increasingly long lead times, it makes good commercial and financial sense to refurbish/repair wherever possible. Repairs are carried out in our specialised workshop where units are dismantled, inspected, photographed and a full report and quotation submitted to the customer. Wherever possible, replacements are new original equipment manufacturer parts, but where parts are obsolete or difficult to source, these are re-manufactured in our own precision machine shop (using the original manufacturer's specifications). By working closely with each customer on a dedicated basis we can complete repairs quickly and efficiently within weeks (rather than many months, if purchased new from the manufacturer) and have the unit back in use as quickly as possible.



- Free dismantle, investigation and no obligation quotation (UK Mainland)
- Detailed diagnosis and assessment of best possible course of action
- On site commissioning available
- Cost effective solutions and a speedy turnaround to minimise downtime
- Manufacture of obsolete or difficult to source parts in own workshop
- Supply of spare and replacement parts at competitive prices
- Complete traceability on all repairs carried out
- Third party approval certificates of conformity if required
- Full comprehensive warranty on all repairs carried out

By having “everything under one roof” we can offer customers a fast turnaround when a breakdown of plant, equipment or machinery has brought procedures to a standstill.



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