U&L ENGINEERING

COMPANY PROFILE



U&L ENGINEERING

SPECIALIST ENGINEERING | COMPONENT REPAIRS | MANUFACTURING | ON-SITE SOLUTIONS



Engineering Solutions for
Mining, Earthmoving & Heavy Industry



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COMPANY OVERVIEW

Engineering Solutions Built on Experience.

Established in 2006 by Ulrich Olivier, U&L Engineering has grown into a specialist engineering company providing repair, refurbishment, manufacturing and on-site engineering solutions to the mining, earthmoving, construction and industrial sectors.

With extensive practical experience and a commitment to quality workmanship, we help customers maintain, restore and extend the operational life of critical equipment and components.

Our capabilities combine precision machining, specialised component repairs, fabrication and field services, enabling us to deliver practical solutions to complex engineering challenges.

From individual components to major structural repairs, our focus remains on delivering reliable workmanship, efficient turnaround times and long-term value.

KEY CAPABILITIES

- Hydraulic Cylinder Repairs, Refurbishment and Manufacturing
- Bucket Repairs, Rebuilds and Ground Engaging Tools (GET)
- Bushes, Pins and Wear Component Manufacturing
- Boom, Dipper Arm and Structural Component Repairs
- Track Tensioner and Track Frame Repairs
- Track Frame Manufacturing, Repairs & Refurbishment
- A-frame and H-frame Repairs
- On-Site Line Boring, Machining and Welding
- General Engineering and Fabrication



PRECISION ENGINEERING. RELIABLE PERFORMANCE.

At U&L Engineering, we specialise in hydraulic cylinder repairs, refurbishment and manufacturing, restoring performance, extending component life and minimising costly downtime through precision workmanship.

HYDRAULIC CYLINDERS

Restoring hydraulic performance through precision engineering, reliable repairs and comprehensive testing.

U&L Engineering provides specialist hydraulic cylinder solutions for heavy equipment operating in demanding environments.



KEY CAPABILITIES

- Hydraulic cylinder inspections and fault assessment
- Repairs and refurbishment of damaged or worn cylinders
- Cylinder rebuilding and component replacement
- Manufacturing of hydraulic cylinder components
- Precision machining and restoration of critical surfaces
- Hydraulic pressure testing to verify repair integrity and performance

HYDRAULIC CYLINDERS ON EXCHANGE

Minimising equipment downtime with practical hydraulic cylinder exchange solutions.

Our service exchange offering provides an alternative to waiting for the repair of an existing cylinder, subject to stock availability and application requirements.



KEY CAPABILITIES

- Access to service exchange hydraulic cylinders
- Reduced equipment downtime where suitable stock is available
- Refurbished components prepared for continued service
- Support for a broad range of earthmoving and mining equipment applications



BUCKETS & GROUND ENGAGING TOOLS (GET)

Restoring strength, wear resistance and operational efficiency to hardworking excavation equipment.

Buckets and ground engaging components operate under extreme conditions. U&L Engineering provides specialist repairs and rebuilds designed to restore structural integrity and extend service life.

KEY CAPABILITIES

- Excavator and loader bucket repairs
- Bucket rebuilding and structural reinforcement
- Cutting edge and wear component replacement
- Bucket tooth and adapter repairs or replacement
- Repairs to worn or damaged bucket structures
- Precision restoration of mounting and connection points



BUSHES, PINS & WEAR COMPONENTS

Precision-manufactured components designed to restore correct fit, movement and reliability.

Wear components play a critical role in the operation of heavy machinery. U&L Engineering provides machining, manufacturing and replacement solutions for components subjected to demanding working conditions.



KEY CAPABILITIES

- Manufacturing of bushes and pins
- Precision machining to application requirements
- Replacement of worn or damaged components
- Restoration of mating and connection surfaces
- Custom component manufacturing
- Engineering support for specialised wear applications



BOOM & DIPPER ARM REPAIRS

Restoring structural strength and operational integrity to critical excavator components.

Booms and dipper arms endure substantial loading and repeated stress during operation. Our repair capabilities address structural damage, wear and alignment-related issues.

KEY CAPABILITIES

- Structural inspections and damage assessment
- Crack repairs and welding
- Repairs to worn or damaged mounting points
- Bush and pin bore restoration
- Structural reinforcement and refurbishment
- Precision machining and alignment-related repairs



TRACK TENSIONER REPAIRS

Maintaining reliable track tension through specialist repairs and precision component restoration.

Track tensioners are essential to the performance and reliability of tracked equipment. U&L Engineering provides repair and refurbishment solutions for worn or damaged tensioner assemblies.

KEY CAPABILITIES

- Inspection and assessment of track tensioner assemblies
- Repair and refurbishment of damaged components
- Restoration of worn or damaged cylinder components
- Precision machining and component replacement
- Assembly and functional verification, as applicable





TRACK FRAME MANUFACTURING, REPAIRS & REFURBISHMENT

Complete track frame engineering solutions that restore structural integrity, ensure correct alignment and support reliable equipment performance.

U&L Engineering specialises in the manufacturing, repair and refurbishment of track frames for mining, earthmoving and construction equipment. From complete new assemblies to structural repairs and precision component restoration, we provide practical engineering solutions for a wide range of tracked machinery.

KEY CAPABILITIES

- Complete track frame manufacturing and custom fabrication
- Structural crack repairs, reinforcement and rebuilding
- Repair of bent, damaged or misaligned track frames
- Replacement and restoration of mounting brackets and structural sections
- Precision line boring and machining of mounting points
- Restoration of track tensioner and idler mounting areas
- Structural alignment checks and corrective engineering
- Refurbishment of existing track frame assemblies

Our comprehensive workshop capabilities allow us to manufacture new track frames or restore existing assemblies wherever technically and economically feasible, helping customers extend equipment life, maintain operational reliability and minimise unnecessary downtime.

A-FRAME & H-FRAME REPAIRS

Specialist structural repairs that restore strength and functionality to heavily loaded equipment components.

A-frames and H-frames are critical structural components used in heavy equipment applications. Our repair services address wear, damage and structural deterioration.

KEY CAPABILITIES

- Structural inspections and damage assessment
- Crack repairs and specialist welding
- Restoration of damaged mounting points
- Bush and pin bore repairs
- Structural reinforcement and refurbishment
- Precision machining and alignment-related repairs



ON-SITE LINE BORING

Precision machining at the equipment location, reducing the need for major component removal and transportation.

Our on-site line boring services provide practical solutions for restoring worn or damaged bores on large equipment and structural assemblies.

KEY CAPABILITIES

- Portable line boring for heavy equipment applications
- Restoration of worn and misaligned bores
- Machining of pin and bush connection points
- Repair support for buckets, booms and structural assemblies
- Precision machining at workshops and operational sites





ADVANCED TECHNOLOGY. EXTENDED COMPONENT LIFE.

At U&L Engineering, we use precision laser cladding technology to restore worn or damaged components, improving surface durability, extending service life and reducing the need for costly replacements.

LASER CLADDING

Advanced surface restoration technology that rebuilds worn components while preserving valuable base material.

Laser cladding is a precision restoration process used to deposit a protective or restorative metal layer onto a component surface.

This technology offers an alternative to conventional repair or complete component replacement for suitable applications.

KEY CAPABILITIES

- Restoration of worn or damaged metal surfaces
- Dimensional recovery of precision components
- Application of specialised surface materials
- Improved wear or corrosion resistance with appropriate material selection
- Controlled heat input and reduced thermal distortion compared with many conventional welding methods
- Extended service life of suitable high-value components

ON-SITE WELDING & REPAIRS

Practical engineering support delivered where it is needed, helping keep equipment and operations moving.

U&L Engineering provides on-site welding and repair solutions for heavy equipment and industrial applications.



KEY CAPABILITIES

- On-site structural welding
- Repairs to damaged equipment components
- Crack repairs and structural restoration
- Field repairs to buckets and heavy equipment structures
- Engineering support for maintenance and refurbishment projects

QUALITY, SAFETY & EXCELLENCE

A commitment to dependable workmanship, responsible practices and consistent engineering standards.

At U&L Engineering, quality is fundamental to every project. From initial assessment through to repair, manufacturing and final inspection, our focus is on delivering workmanship that supports the reliable operation of our customers' equipment.

KEY CAPABILITIES

- Careful assessment of component condition and repair requirements
- Precision-focused machining and manufacturing
- Attention to structural integrity and component fitment
- Appropriate inspection and testing procedures
- Safe and responsible workshop and on-site practices
- A practical, solutions-driven approach to customer requirements

INDUSTRIES WE SERVE

Engineering Support Across Demanding Industries.

U&L Engineering supports businesses operating in industries where equipment reliability, component durability and efficient repairs are essential.

Our combination of workshop engineering, component restoration and on-site services enables us to respond to a wide range of operational requirements.

Whether restoring a critical hydraulic component, repairing a large structural assembly or manufacturing a specialised replacement part, our focus remains on practical solutions that support continued productivity.

KEY CAPABILITIES

- Mining
- Earthmoving
- Construction
- Industrial



YOUR PARTNER IN ENGINEERING SOLUTIONS

Experience. Capability. Commitment.

For two decades, U&L Engineering has focused on providing reliable engineering solutions backed by practical expertise and a commitment to quality.

From precision-manufactured components to major equipment repairs and on-site engineering support, we understand the importance of getting equipment back to work.

We look forward to building lasting relationships through dependable service, quality workmanship and engineering solutions that deliver value.

OUR COMMITMENT TO A GREENER FUTURE

At U&L Engineering, we understand that protecting the environment is a responsibility we all share. Sustainability is an important part of our long-term vision, and we are committed to making environmentally responsible decisions throughout our operations. We recognise the impact that the engineering and industrial sectors can have on the environment and believe that businesses have a responsibility to take positive steps towards reducing their environmental footprint. By continuously reviewing our processes, exploring more sustainable solutions and encouraging responsible practices, we aim to contribute towards a cleaner, greener future.

Our commitment to sustainability is an ongoing journey, supported by practical initiatives and continuous improvements across our business. One of the steps we have taken is the installation of solar panels across our facilities, allowing us to make greater use of renewable energy and reduce our reliance on conventional energy sources. This forms part of our broader approach to environmental responsibility, as we continue to identify opportunities to operate more efficiently, minimise our environmental impact and make a positive difference. At U&L Engineering, we believe that building a successful business also means taking responsibility for the world we leave behind for future generations.

After all, engineering is about finding better solutions, and that should include how we look after our environment.

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