

CAPABILITY STATEMENT

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ABOUT US & OUR TEAM

Established in 2022, VEX Group has quickly earned a reputation for precision and reliability. Backed by a team of 150 skilled professionals, we specialise in high-quality trade services, advanced fabrication, and cutting-edge equipment, all while maintaining an uncompromising focus on safety and efficiency.

VEX has grown to become an end-to-end service to take your project and maintenance from concept to completion.
Including 3D scanning and drafting design, engineering, planning, fabrication and delivery to on-site installation and ongoing maintenance, we provide a complete engineering solution.

The inception of VEX was built on the collaboration of the company's founders, Matthew Camilleri and Ryan Jacobson, they brought together their two previous businesses, TJU Engineering & MCAM Industries, to form a company with the soul purpose of taking their clients asset performance goals, to their greatest potential and availability.



OUR TEAM



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DRAFTING, 3D SCANNING, DESIGN & ENGINEERING



DRAFTING, 3D SCANNING, DESIGN & ENGINEERING CAPABILITIES

When accuracy, clarity, and engineered solutions matter, VEX Group **provides integrated drafting, 3D scanning, and design services to support fabrication, manufacturing, maintenance, and asset upgrades across heavy industry.**

Our in-house technical capability bridges the gap between site conditions and workshop execution, delivering practical, build-ready designs **that reduce rework, improve fit-up, and accelerate project delivery.**

WHAT WE DO

We provide drafting, design, and engineering support for a wide range of industrial applications, including:

- Mechanical and Structural Drafting
- As-Built and Reverse Engineering
- Access Platforms and Safe Access Systems
- Fixed Plant design and Modifications
- Custom Fabrication and Manufacturing Designs
- Equipment Upgrades and Refurbishment Projects

DRAFTING, SCANNING & DESIGN CAPABILITIES

Our technology-driven approach ensures accuracy from concept through to fabrication:

- 3D laser scanning **for accurate capture of existing plant and equipment**
- **Creation of** as-built models and drawings
- 2D and 3D CAD drafting
- **Design for manufacture and assembly (DFMA)**
- **Clash detection and fit-up verification**
- **Integration with fabrication, machining, and workshop teams**
- **Design aligned to relevant** AS/NZS standards and site specifications

OUR ENGINEERING & TECHNICAL SERVICES

From initial concept to construction readiness, we provide a complete technical solution:

- Site measurement and digital capture
- Concept development and design optimisation
- Engineering support and calculations (where required)
- Design reviews and constructability input
- Issue of fabrication-ready drawings
- Documentation aligned with client and site requirements

WHY VEX GROUP

- Accuracy First – **3D scanning reduces rework and installation risk**
- Build-Ready Designs – **designs developed with fabrication in mind**
- Faster Turnaround – **in-house technical capability**
- Integrated Delivery – **design, fabricate, and install under one roof**
- Single Point of Accountability – **from scan to site-ready solution**

INDUSTRIES WE SUPPORT

- Mining and Resources
- Coal Mining, including Handling & Preparation Plants (CHPP)
- Quarrying
- Heavy Industrial Processing
- Materials Handling and process plants
- Agriculture and Sugar industry



FABRICATION & MANUFACTURING



FABRICATION & MANUFACTURING CAPABILITIES

When projects require reliable, high-quality fabrication and manufacturing support, VEX Group **delivers custom-built solutions tailored to operational and site-specific requirements.**

Our fabrication workshop supports mining and heavy industry with end-to-end fabrication, manufacturing, and repair services, **delivering both small and large scopes with a focus on quality, safety, and fit-for-purpose outcomes.**

WHAT WE DO

We provide custom fabrication and manufacturing services across a wide range of applications, including:

- Custom Steel Fabrication
- Structural and Plate Work
- Wear Component Fabrication and Replacement
- Fixed Plant and Conveyor Components
- Guards, Chutes, Frames, and Brackets
- Repairs and Modifications to Existing Assets
- Small One-Off Jobs through to Large Fabrication Projects

FABRICATION & WORKSHOP CAPABILITIES

Our workshop is equipped to support both fabrication and manufacturing activities, allowing us to deliver efficient, high-quality outcomes:

- Structural and plate fabrication
- Cutting, forming, and fit-up
- Welding to industry and client specifications
- Manufacture of custom components and assemblies
- Repair and refurbishment of damaged or worn assets
- Dimensional verification and quality checks
- Surface preparation and coating readiness
- Precision 2D and 3D CNC cutting, profiling and engraving

OUR FABRICATION SERVICES

From concept to completion, we provide a complete fabrication solution:

- Design support and fabrication from drawings or samples
- Custom fabrication to client or site specifications
- Repairs and structural reinstatement
- Modifications and upgrades to existing equipment
- Workshop assembly and fitment
- Preparation for transport and site installation

WHY VEX GROUP

- Custom Solutions – **fabrication tailored to site-specific requirements**
- Scalable Capability – **small repairs through to large fabrication scopes**
- Quality Workmanship – **experienced trades and controlled workshop processes**
- Efficient Delivery – **reduced lead times through in-house capability**
- Single-Source Partner – **fabrication, repair, and manufacturing under one roof**

INDUSTRIES WE SUPPORT

- Mining and Resources
- Coal Mining, including Handling & Preparation Plants (CHPP)
- Quarrying
- Heavy Industrial Processing
- Materials Handling and process plants
- Any other industry requiring fabrication
- Agriculture and Sugar industry



BUILT TO SPECIFICATION. BUILT TO LAST.

VEX Group combines skilled fabrication trades, proven workshop processes, and a practical approach to manufacturing—delivering fit-for-purpose solutions that perform in demanding industrial environments.

ON-SITE MAINTENANCE



ON-SITE MAINTENANCE & ASSET RELIABILITY SUPPORT

When continuous, safe, and reliable operation of mining assets is critical, VEX Group delivers proven on-site maintenance solutions that support production, reduce downtime, and extend asset life.
Our on-site maintenance capability is built around experienced people, strong systems, and a deep understanding of mine environments across Central Queensland.

VEX Group provides consistent, high-quality maintenance support across multiple mine sites, working closely with client operations and maintenance teams to deliver outcomes that align with production schedules and site requirements.

WHAT WE DO

We deliver comprehensive on-site maintenance services across mining and heavy industry, including:

- Shovel and Dragline maintenance
- Fixed plant and CHPP maintenance
- Mechanical and structural maintenance
- On-site aluminium repairs and modifications
- Access platform inspections and compliance repairs
- Preventative and corrective maintenance programs
- Breakdown response and fault rectification
- Asset inspections and condition monitoring
- Planned maintenance shutdown execution
- Maintenance support for brownfield operations

ON-SITE MAINTENANCE CAPABILITY

Our on-site maintenance teams are structured to integrate seamlessly into operational environments:

- Experienced supervisors, planners, and trades
- Mechanical, structural, electrical, and aluminium fabrication expertise
- Maintenance planning and scheduling support
- Dedicated aluminium repair trailer equipped for on-site alloy welding, repairs, and inspections
- Execution of maintenance in live operational environments
- Compliance with site, statutory, and safety requirements
- Strong focus on safety, quality, and reliability
- Skilled workforce including Diesel Fitters, Mechanical Fitters, Boilermakers, Alloy Welders, Riggers, Auto Electricians, and Trade Assistants



PLANNED & REACTIVE MAINTENANCE

VEX Group supports both planned and unplanned maintenance requirements:

PLANNED MAINTENANCE

- Monthly planned maintenance down days
- Preventative maintenance execution
- Routine inspection and maintenance of aluminium access platforms
- Inspection-based maintenance activities
- Shutdown and outage maintenance support
- Asset life extension programs

BREAKDOWNS & RAPID RESPONSE

- Fast mobilisation and response
- Fault diagnosis and rectification
- Structural, mechanical, and aluminium platform repairs
- Temporary and permanent repair solutions
- Support to return assets safely to service

MAJOR ASSET & EQUIPMENT MAINTENANCE

We have extensive experience maintaining large mining equipment and infrastructure, including:

- Electric Rope Shovels
- Draglines
- Dippers, buckets, and attachments
- Booms and structural components
- Fixed plant systems
- Conveyors and materials handling assets
- Large-scale structural steel components
- Aluminium access platforms, walkways, stairs, and handrails

PROJECT EXECUTION & SITE INTEGRATION

Our on-site maintenance delivery is supported by strong project controls and site coordination:

- Maintenance project management and supervision
- Integration with site maintenance systems
- Coordination with operations and engineering teams
- Scope development and execution planning
- Management of variations and emergent works
- Reporting, documentation, and handover

WHY VEX GROUP

- Mining-Focused Workforce – **people who understand site realities**
- Specialist Aluminium Capability – **on-site alloy repairs without asset removal**
- Dedicated Alloy Trailer – **fast, compliant platform repairs and inspections**
- Reliable Delivery – **consistent, high-quality on-site performance**
- Safety-Driven – **maintenance delivered with safety as the priority**
- Scalable Capability – **small crews through to large maintenance teams**
- Integrated Support – **maintenance backed by fabrication, machining, and engineering**
- Single Point of Accountability – **from planning to execution**

INDUSTRIES WE SUPPORT

- Mining and Resources
- Coal Mining and CHPP Facilities
- Quarrying Operations
- Materials Handling and Processing Plants
- Heavy Industrial Infrastructure
- Agriculture and Sugar industry



BUILT FOR SITE. FOCUSED ON RELIABILITY.

VEX Group delivers dependable on-site maintenance solutions—including specialist aluminium platform repairs and inspections—keeping critical assets operating safely and efficiently with minimal disruption to operations.

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ACCESS PLATFORMS



ACCESS PLATFORMS & SAFE ACCESS SOLUTIONS

When safe, reliable access is required for heavy machinery and industrial equipment, VEX Group **delivers engineered access platform solutions designed to improve safety, efficiency, and compliance.**

We provide custom-designed, fabricated, and installed access systems **for fixed, general, and heavy machine access applications, supporting maintenance, inspection, and operational requirements across heavy industry.**

WHAT WE DO

We design and deliver access solutions for a wide range of applications, including:

- Heavy Machine Access Platforms
- Fixed Access Platforms and Structures
- General Maintenance and Operational Access
- Walkways, Stairs, Ladders, and Handrails
- Inspection and Service Platforms
- Temporary or Permanent Access Solutions
- Retrofit Access for Existing Equipment

ACCESS PLATFORM CAPABILITIES, CERTIFICATION & STANDARDS

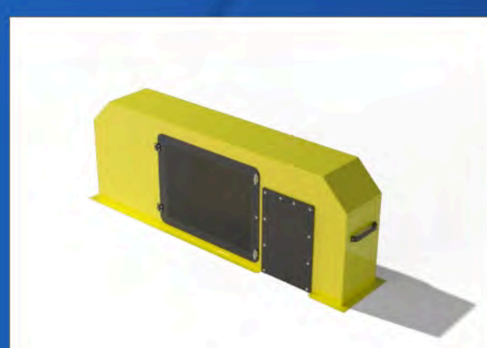
All access platforms and structures are designed, certified and fabricated to meet relevant Australian Standards, site specifications, and client requirements**, including:**

- AS 1657 **– Fixed platforms, walkways, stairways, and ladders**
- AS/NZS 1170 **– Structural design actions (loadings)**
- **Client-specific site standards and engineering specifications**

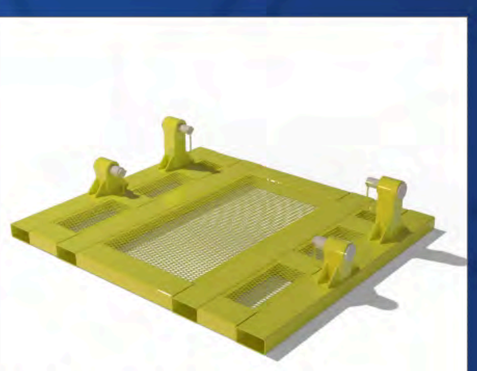
Platforms can be fabricated in aluminium or steel**, depending on application, environment, and client preference.**



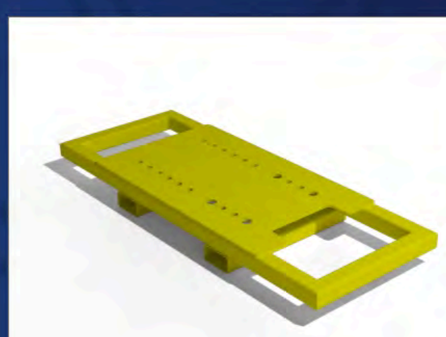
930E PLATFORM



SCREEN
BOWL COVER



D11 NOSE
CONE STAND



FRONT STRUT
FRAME 2

OUR ACCESS SERVICES

From concept through to installation readiness, we provide a complete access solution:

- Site measurement, 3D Scans, access assessments, and risk reviews
- Design and drafting to AS/NZS and site standards
- Custom fabrication of aluminium or steel access systems
- Modifications and upgrades to existing access structures
- Workshop assembly and pre-fit where applicable
- Preparation for transport and site installation

WHY VEX GROUP

- Improved Safety – **compliant access for maintenance and operations**
- Big Range – **a large list of platforms already designed to fit most big brands**
- Lightweight Options – **aluminium platforms for reduced loads and corrosion resistance**
- Custom Fit – **platforms designed around your equipment and layout**
- Quality Fabrication – **built for harsh industrial environments**
- Single-Source Provider – **design, fabricate, and deliver under one roof**



INDUSTRIES WE SUPPORT

- Mining and Resources
- Coal Mining, including Handling & Preparation Plants (CHPP)
- Quarrying
- Heavy Industrial Processing
- Materials Handling and process plants
- Agriculture and Sugar industry

BUILT FOR ACCESS. BUILT FOR COMPLIANCE.

VEX Group delivers practical, compliant access solutions that improve safety, reduce risk, and support efficient maintenance and operation of heavy machinery.

CONSTRUCTION



CONSTRUCTION & PROJECT DELIVERY FOR MINING OPERATIONS

SMALL TO MEDIUM WORKS SPECIALISTS

When mining operations require reliable construction support, VEX Group delivers practical, site-ready construction solutions tailored to small and medium mining works.

We specialise in executing brownfield and operational-site projects where safety, schedule certainty, and minimal disruption are critical. Our team understands live mine environments and delivers construction outcomes that integrate seamlessly with existing plant and infrastructure.

WHAT WE DO

We provide end-to-end construction services for a wide range of mining and resources applications, including:

- Structural steel installation and modifications
- Fixed plant and conveyor construction works
- Access platforms, walkways, stairs, and handrails
- Chute, bin, and transfer point construction
- Equipment installation and relocation
- Shutdown, maintenance, and brownfield upgrades
- Small and medium capital works and improvement projects

CONSTRUCTION CAPABILITIES

Our construction approach is built around safety, constructability, and efficiency:

- Experienced crews accustomed to operating mine sites
- Brownfield construction in live operational environments
- Integration with existing structures and plant
- Precise installation aligned with design and site conditions
- Lift planning and installation sequencing
- Quality control and inspection throughout construction
- Compliance with site, statutory, and AS/NZS requirements

PROJECT EXECUTION & SITE SERVICES

From mobilisation to handover, we manage construction works with a practical, no-nonsense approach:

- Site establishment and coordination with operations
- Project management throughout the entire process
- Constructability input and installation planning
- Shutdown and outage execution support
- Close coordination with client and site stakeholders
- Management of variations and site-driven changes
- Completion documentation and handover

WHY VEX GROUP

- Mining-Focused Experience – **crews who understand mine site requirements**
- Right-Sized Projects – **specialists in small to medium construction works**
- Minimal Disruption – **construction planned around operations**
- Integrated Capability – **design, fabricate, construct, and install**
- Responsive Delivery – **fast mobilisation and clear communication**
- Single Point of Accountability – **from scope to site completion**





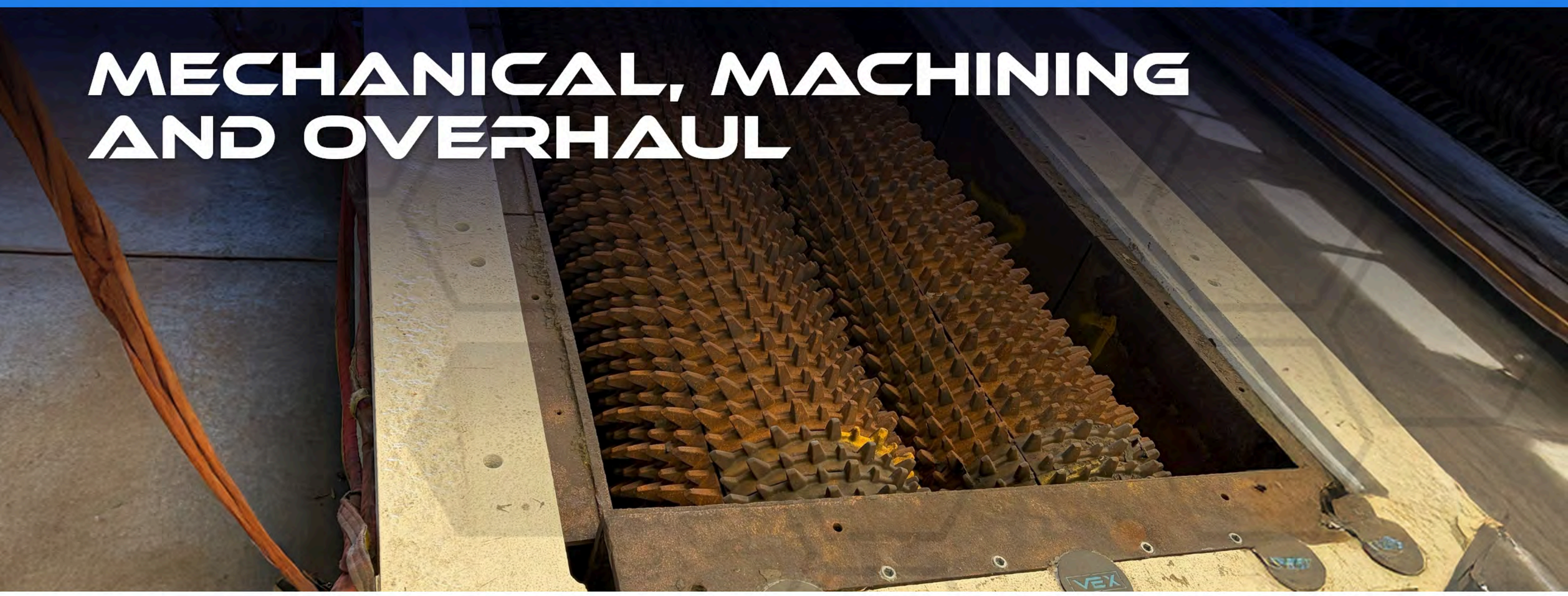
INDUSTRIES WE SUPPORT

- Mining and Resources
- Coal Mining and CHPP Facilities
- Quarrying Operations
- Materials Handling and Processing Plants
- Heavy Industrial Infrastructure
- Agriculture and Sugar industry

BUILT FOR SITE. DELIVERED WITH CONFIDENCE.

VEX Group delivers safe, efficient, and practical construction solutions for mining operations—
focused on the jobs that matter, executed by people who understand site realities.

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MECHANICAL, MACHINING AND OVERHAUL

MECHANICAL OFF-SITE OVERHAUL, MACHINING & WORKSHOP CAPABILITIES

When critical equipment requires reliable, high-quality mechanical overhaul, VEX Group **delivers proven off-site workshop solutions that keep operations moving.**

Our fully equipped mechanical workshop supports mining and heavy industry with end-to-end overhaul, refurbishment, machining, and rebuild services**, delivered in a controlled environment that improves quality, safety, and turnaround times.**

WHAT WE DO

We specialise in the overhaul and refurbishment of a wide range of industrial equipment, including:

- Industrial Crushers **(jaw, cone, and roller – mechanical components)**
- Pumps **(slurry, centrifugal, process, and water)**
- Idlers and Rollers
- Coal Valves and Flow Control Equipment
- Pulleys
- Gearboxes and Drive Components
- Conveyor and Fixed Plant Equipment
- General Mechanical Assets
- Machining

OUR WORKSHOP SERVICES

From initial inspection to final testing, we provide a complete mechanical overhaul solution:

- Full strip-down, inspection, and condition assessment
- Fault diagnosis and failure analysis
- Replacement of bearings, seals, and wear components
- Mechanical repairs and component refurbishment
- Precision measurement and alignment
- Reassembly to OEM or client specifications
- Functional testing prior to return to service
- Preservation, coating, and readiness for installation



WHY VEX GROUP

- Reduced Downtime – **planned, efficient off-site overhauls**
- Improved Reliability – **quality-controlled workshop rebuilds**
- Safer Work Environment – **controlled workshop conditions**
- Flexible Turnarounds – **aligned to operational demands**
- Single-Source Solution – **one partner from strip-down to reinstallation readiness**

INDUSTRIES WE SUPPORT

- **Mining and Resources**
- **Coal Mining, including Handling & Preparation Plants (CHPP)**
- **Quarrying**
- **Heavy Industrial Processing**
- **Materials Handling and process plants**
- **Any other industry requiring fabrication**
- **Agriculture and Sugar industry**

BUILT FOR PERFORMANCE. BACKED BY EXPERIENCE.

VEX Group combines experienced mechanical trades, in-house machining capability, robust workshop processes, and a commitment to quality outcomes—delivering equipment that is ready to perform from day one.

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