

- ▀ Oil and Gas
- ▀ Power – Traditional
- ▀ Power – Renewables
- ▀ **Coal Mining**
- ▀ Water Utilities
- ▀ Non-Ferrous Works
- ▀ Rail
- ▀ Defence
- ▀ Civil Onsite
- ▀ General Engineering



# Coal Mining

capability statement



# WHAT WE DO

Berg have been partnering with clients in the Coal Mining industry for over 45 years and are proud of our demonstrated track record of reducing costs and improving the service life of key power station assets. Our proven expertise extends to following services:

## Shuttle Car Refurbishment

Whether sourcing components or manufacturing them internally, Berg have the experience and expertise to refurbish underground mining shuttle cars. Our refurbishment capabilities also extend to undertaking the relevant hydraulic testing for the refurbished cars.



## Track Pad Refurbishment

Berg has successfully provided boring, along with bush and pin supply for the refurbishment of track pads on heavy mobile equipment. Our experience extends to the provision of precision machining services, manufacture of bush and pin configurations and completion of high tolerance fitting services to refurbish track pads on equipment such as Terex O&K RH340 Excavators.



## Gearboxes

Berg can provide a variety of gearbox solutions that will reduce capital and maintenance expenditure while improving cashflow and increasing production availability. Our gearbox solutions range from the manufacture of individual components to full refurbishment to turnkey solutions and also includes the manufacture of gearboxes to fit the existing plant infrastructure that is no longer supported by OEMs.



## Onsite Machining

Berg can mobilise to site and perform repairs to any type of mining, mobile equipment or fixed plant and work in-situ without the need for costly removal of large components; saving our clients time and money. In addition, our portable line boring facilities offer a comprehensive service for inside diameter welding and on-site precision machining up to 1500mm in diameter.



## Centrifuge Manufacture & Repair

Berg have a proud history of undertaking the manufacture, overhauling and repair of centrifuges and associated equipment. With extensive experience in precision fabrication and welding, we also ensure all equipment is accurately balanced for trouble free operation.



## Other Services

- Replacement gears, shafts and gearboxes
- Pump repairs and replacements
- Filter arrangements
- Hard facing and exotic materials welding
- Replacement of dragline parts and repair of damaged components
- Mobile equipment spares and repair management



## HOW WE DO IT

Our reputation for on time and on budget delivery is what sets Berg apart from our competitors and with our industry leading facilities in our Brisbane, Gladstone and New Caledonia workshops, Berg can comfortably deliver contracts up to \$15 million in value across the Asia Pacific region.



## Pulleys & Complex Conveyor Assemblies

Berg have been manufacturing and refurbishing conveyor pulleys for many years and regularly has product entering the coal, gold and alumina industries. With capability of over 1200mm diameter and over 3000m in length, Berg is equipped to support a wide multitude of conveyor pulley set-ups.

## PROJECT SPOTLIGHT

### Track Pad Overhauls for Sojitz

In 2018 Berg were engaged by the Sojitz Corporation to undertake an overhaul of a number of track pads used at their Minerva Coal Mine in Central Queensland. As part of the project, the staff at Bergs' Gladstone workshop were able to develop and implement a refurbishment solution that saw the hardening of pushes and pins to extend the life of the track pads. This solution provides Sojitz with significant future savings due to the increased longevity of the track pads in the field.



## Our workshop capabilities include:

**Fabrication** – Berg can undertake **complete fabrication & installation** of complex items and functional structures;

**Lifting & Manipulation Equipment** – Hard stand areas and overhead cranes with **20 tonne** lifting capacities;

**Large Capacity Machining** – Berg has over **\$20 million** invested in modern computer controlled machinery and expert fitting capabilities, enabling us to provide an extensive range of products and build a reputation for specialising in large, complex and difficult to source items and components;

**Welding** – Berg have significant inhouse welding capabilities including exotic material welding and plasma transferred arc facing technology. We are NATA Accredited in the field of non-destructive testing in accordance with ISO/IEC 17025 and employ international coded welding inspectors and pressure code AS 1796 Cert No 10 Welding supervision.

# WHO WE DO IT FOR

Having been in operation for over **four decades**, Berg have evolved, matured and diversified in tandem with our clients and today work with a wide range of blue chip businesses across the Asia Pacific Region.



Berg are a proud Australian engineering business that has built a reputation for excellence on the back of two generations – and more than four decades – of Berg family passion.

Headquartered in Brisbane and with bases in the Asia Pacific we strive to provide our clients with intelligent asset lifecycle management solutions that reduce operating costs, maximise performance, extend asset life; all the while ensuring we meet our ISO accredited quality and safety standards.

## Brisbane

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