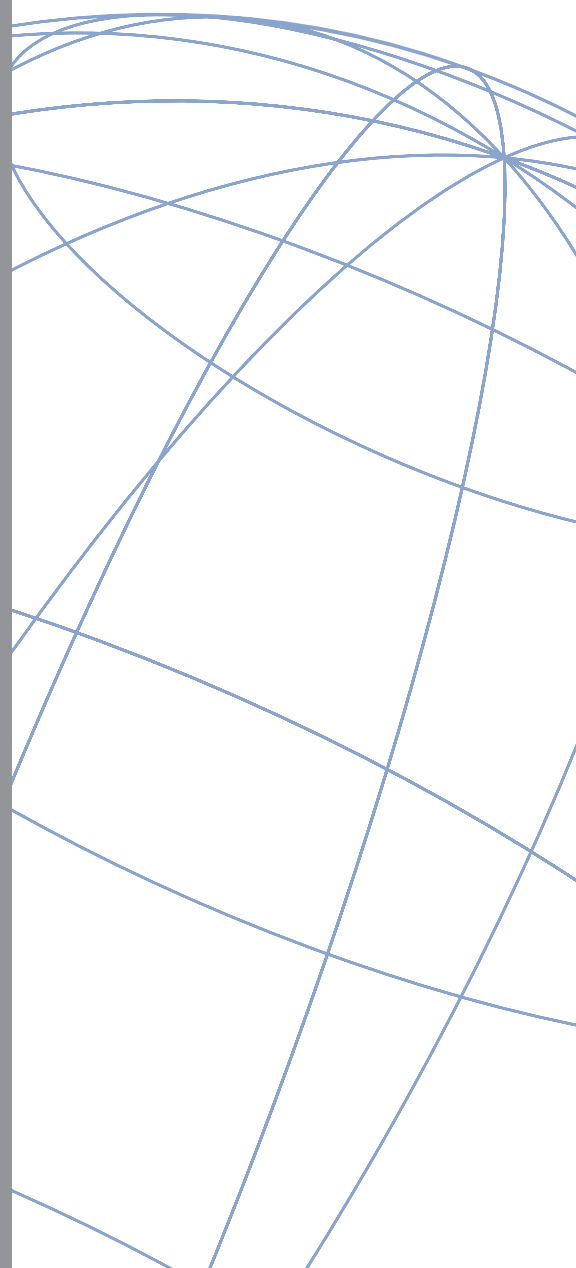


Mineral Processing



Our Innovation. Your Advantage.





Mineral Processing Overview

Bradken maintains a prominent market position in the design, manufacture and supply of high quality mill liners, crusher liners and engineered parts to the mineral processing and quarrying industries both domestically and internationally. The Bradken client base for mineral processing consists of most Australian and internationally recognised mining companies.

Our substantial Product Development capability combines extensive manufacturing knowledge with a comprehensive understanding of customers' operations and comminution processes to develop new innovative designs and differentiated products, and is serviced by a technically skilled regional sales force.

Design and Manufacture

Bradken has achieved international recognition for its integration of process technology and part application knowledge into the design process, which combines with advanced product manufacturing systems and focused technical support to ensure customer satisfaction and superior production efficiencies.

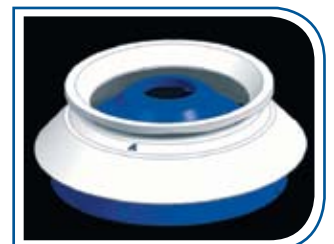
Bradken's manufacturing capability ensures security of supply and our fully integrated design and manufacturing process incorporates:

- Finite Element Analysis
- Solidification simulation
- CAD/CAM/CAE

Capabilities

With dedicated foundries at Adelaide (South Australia) and Henderson (Western Australia), and ready access to other foundries and engineering facilities within the Bradken group, the business has assembled a highly skilled team with technical expertise in an extensive range of process applications including:

- Manufacture
- Product design
- Analysis and testing
- Process technology
- Material selection and development
- Inventory management
- Standard and custom part supply
- Technical service and support



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Products and Services

Bradken is a leading supplier of mining and quarrying products, including:

- Grinding mill liners
- Crusher liners
- Engineered spare parts for grinding mills and crushers
- Grizzly panels, chute liners, apron feeder pans
- Slurry pump consumables
- Rotary coal breakers

Our products are tailored to customer requirements to provide superior wear life, strength, fatigue resistance, reduced downtime and interchangeability of components, which are critical in most highly productive and demanding Mineral Processing operations. Bradken's specialised products include:

- Vortex® curved pulp lifter systems
- Bullnose® discharge cones
- Mill liner spherical bolt fastener systems
- Constant-throw shell lifter bar profiles
- Primary gyratory crusher segment optimised row and material configurations
- Leading edge process technology and design

Technical Expertise

Bradken regional sales representatives and product development personnel are available to analyse your product requirements and ensure that you receive parts specifically designed and manufactured for your operational requirements, with services including:

- Liner optimisation studies, including discrete element modelling (DEM)
- Design analysis
- Liner wear monitoring and reporting
- High performance materials
- Technical support and service

Superior Quality

As an AS/NZS ISO9001:2000 approved manufacturer, our aim is to help your company increase efficiency and profitability by providing high quality, technically superior engineered products and technical support services. Bradken offers:

- Security of supply through an extensive network of facilities
- Regional service and support
- Technological innovation
- Supply to suit customers' needs
- World's best manufacturing technologies



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