

Cast Beam Buckets to suit HCM mining class excavators

Bradken's Cast Beam Buckets offer increased machine availability and optimized productivity with premium structural integrity and durability.

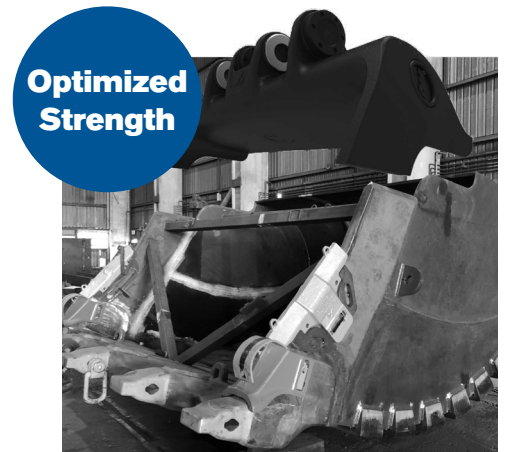
Bradken's next generation in bucket design features a cast beam, providing structural integrity enhancements through the elimination of fatigue-prone welds. Advanced engineering ensures the main load carrying members in the bucket can stand up to the toughest digging applications.

Collaboratively designed with Eclipse®/Zenith® lip systems, using a holistic design approach for optimal performance.

Versatility

Bradken Cast Beam Buckets are designed to allow various widths and bucket capacities to ensure optimization of bucket geometry for improved machine efficiency in chosen application.

Bucket Type



Backhoe Bucket Range

EX2000	EX2600	EX3600	EX5600	EX8000
10-14m ³	13-18.5m ³	15-24m ³	29-37.5m ³	42-48m ³



Our Innovation. Your Advantage.

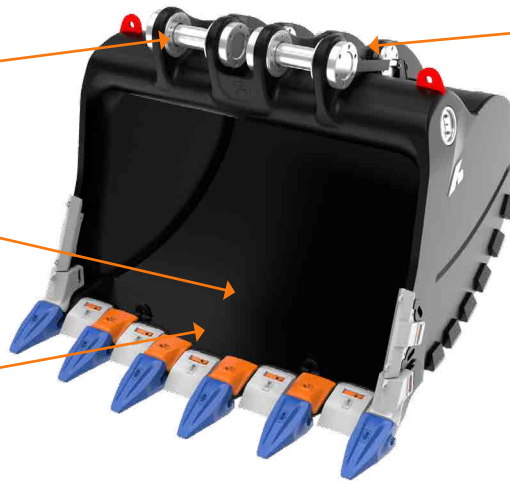


Bradken bucket solutions address operational requirements:

Connections: Fixed or floating rear pins options. Improve on-site safety via thrust plate conversion to top hat bush arrangement.

Geometry: adjustable to meet application (i.e. bench height and rock fragmentation).

Bradken's Eclipse® Cast Lip: Most streamlined design that reduces resistance during digging and dumping, improving fill factor, cycle times, and minimizing carry back.



Cast Beam: Fewer bucket change-outs required. Continued performance and improved maintenance scheduling with the ability to leave bucket pinned to machine longer.

End Cap: Improved safety during manual handling through lightweight material.

Protected Lubrication Cartridge: Access to internal grease system removes hazardous change-out.

Oversized Bushes: Reduced off-site maintenance associated with reclaiming main bores.



Enhanced Productivity

Steel castings in the beam – reinforced where it counts. Low-stress welds ensure maximum durability, making it the toughest option on the market.

Enhanced durability leads to increased machine uptime, availability, and reduced MTTR, resulting in more productive hours during operations.

Utilizes advanced software simulations to guarantee low digging energy and high fill factors, with customizable nose width options for enhanced performance.



Lower TCO

Enhanced fatigue performance means lower maintenance spend.

Manufactured to AS/NZ1554 and ISO9001 standards with a weldable cast beam and lip, ensuring easy refurbishment.

Improved protection of fragile grease system resulting in less downtime for unplanned maintenance.

Oversize bush options for fast bush replacement.

Spare parts readily available.



Improved Safety

Reduced maintenance results in less hazardous change-outs required and hot work on site.

Thrust plate conversion removes risk of dropout during bucket change.

Enhanced safety in manual handling due to the use of lightweight materials, such as aluminium end caps.

After Sales Support

- Condition monitoring and reporting.
- Life-cycle management planning support.
- Standard part reorder – refurbishment parts.
- Responsive engineering assistance.



Our Innovation. Your Advantage.

Bradken Cast Beam bucket flyer - REV0 September 2024 BRADKEN© 2024 All company names, logos, and identifying marks used throughout this publication are the property of their respective trademark owners, they are used for descriptive purposes only.

