



# Quarry Bucket

# 2025

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\*Pictured model: 85T Quarry Bucket



# Quarry Bucket

AVAILABLE FOR 30T-120T

Our high-performance Mining Buckets are ideal for all quarry applications, designed for either primary or secondary excavation and purpose built to satisfy the rigorous demands of Australia's harshest sites and toughest materials. Aussie Buckets recognizes that a purpose-built attachment is the optimal solution for enhancing operational efficiency.

Our mining buckets are meticulously engineered to complement your machine and operational requirements. Designed to withstand the rigorous demands of your site, our attachments maintain fuel efficiency, protect machine health, and maximize productivity.

With Aussie Buckets, you receive a tailored solution that delivers superior performance without compromise.

Productivity reaches its peak when you pair your excavator with an Aussie Buckets attachment, purpose-designed to optimise your machine's power and performance.

Each bucket is rigorously designed and tested to integrate seamlessly with your excavator, ensuring unmatched efficiency and durability on every job site.

# Bucket Selection

## Getting it right once

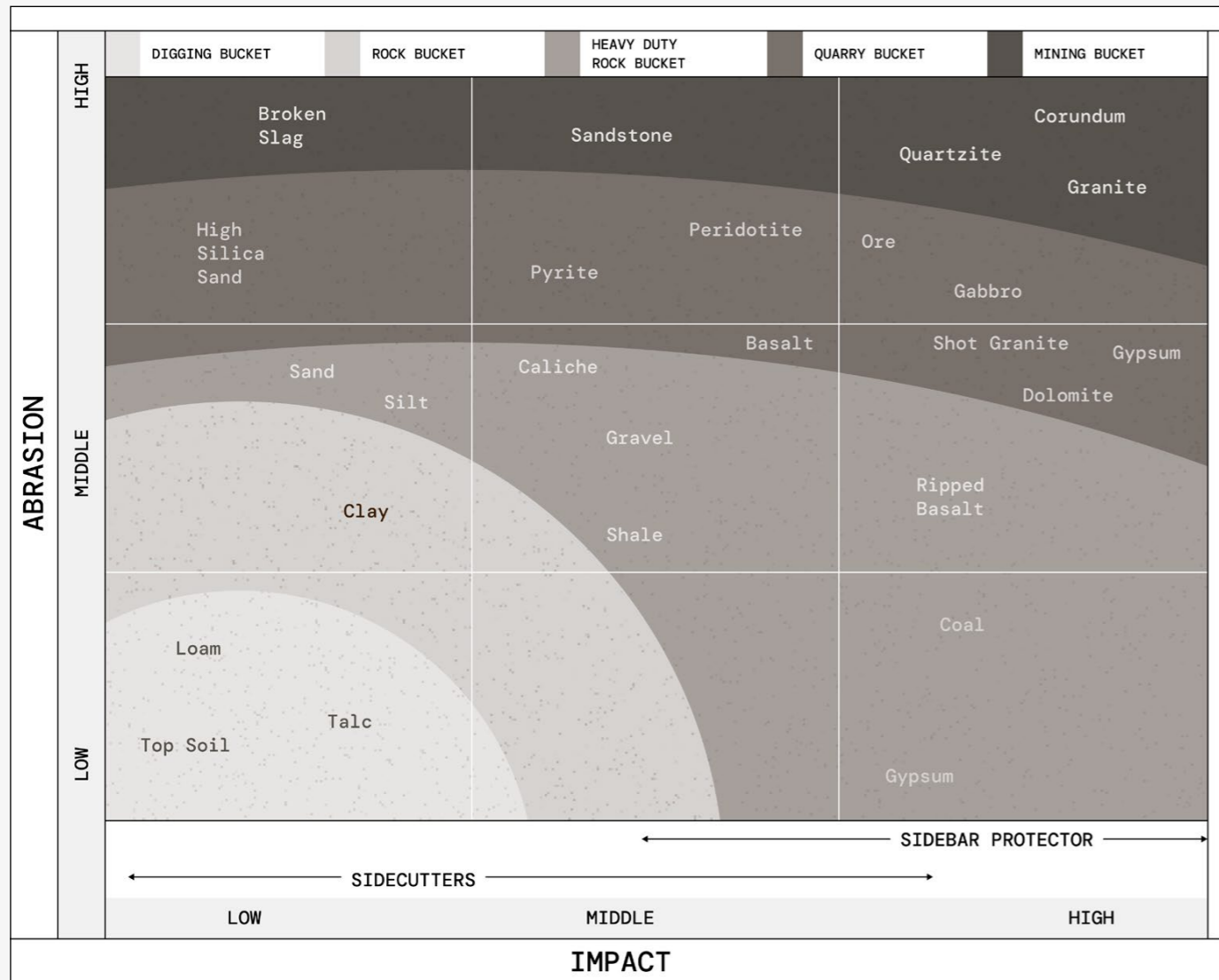
Our tailored solution engineering and manufacturing process involves a thorough and strategic approach, where several key factors are carefully assessed. Larger or over-engineered buckets do not always translate to improved performance. We take into account the specific application – whether primary or secondary excavation – material composition, and historical wear patterns. Achieving the right balance between these factors is essential to optimising performance without compromising efficiency, durability, or the overall longevity of the machine.

### BUCKET COMPOSITION

Just as you pay close attention to features and options when purchasing a machine, it's equally important to do the same when selecting a bucket – it's the one doing the hard work. Reviewing previous wear patterns on your buckets can offer valuable insights into the type of G.E.T. and wear package you require. For instance, if you're experiencing rear side wall wear, we can reduce maintenance intervals by adjusting the hardness and thickness of the steel and adding additional wear plating. These adjustments ensure your bucket lasts longer, performs more efficiently, and minimises downtime, saving you both time and costs on the job.

### BUCKET SIZE

It's tempting to go overboard when designing a bucket, but we all know that bigger doesn't always mean better. A larger bucket may appear to increase productivity, but getting the balance wrong can quickly negate those theoretical gains. Overloading your machine, even slightly, accelerates wear, reduces fuel efficiency, and shortens component life, ultimately leading to unscheduled repairs and costly downtime. That's why selecting the correct bucket size is crucial for maintaining performance, efficiency, and operational capacity.



### MATERIAL TYPE

The density of the material you're working with plays a crucial role in bucket selection, but it's equally important to consider the material's abrasiveness. Choosing a bucket based on the heaviest and most abrasive material you typically handle ensures both durability and optimal performance. In high-abrasion environments, the steel grade and thickness of the bucket must be adjusted to withstand excessive wear.

### THE PERFECT SOLUTION

With our product range constantly evolving, you can be confident that at the time of purchase, you are receiving the very best of our combined expertise and manufacturing experience. Our attachment specialists will work closely with you to guide you towards the right solution, presenting all available options tailored to your specific needs. Choosing the correct bucket is critical – making the wrong decision can increase costs by 10 to 20% and reduce productivity. That's why we ensure you have access to the latest advancements and expert advice to maximise your investment.

## Final Considerations

Consider the following when selecting the best solution for your operational needs.

Start by considering the material you'll be handling and the lifting capacity of your machine. Factor in the average weight of your loads and your output requirements to determine the ideal bucket size. Once you've identified the required heaped capacity (CBM) select the machine that can accommodate it, ensuring a balance between productivity and machine performance for optimal results.

Remember the golden rule: bigger isn't always better. It can be tempting to chase higher production capacity by selecting a bucket that's ultimately too large for your machine. However, overloading – even slightly above the recommended capacity – can quickly accelerate wear, reduce component life, and lead to unplanned failures, unexpected downtime, and costly repairs.

Staying within the correct capacity ensures better performance and longevity for both your bucket and machine.

Advancements in engineering and manufacturing are rapid, so it's important to remain open to new designs and innovations with a fresh perspective. What you've been using for years may no longer be the most efficient or optimised solution for your application. Taking the time to explore the latest developments can lead to improved performance, greater efficiency, and better overall results.



**Direct Mount or Hitch Compatible**

Can be manufactured around current hitch setup or future operational requirements.

**Optional Wear Plating**

Excessive wear points can be protected with additional high tensile wear protection

**Dual Radius Design**

Reduces drag and wear on the bucket increases productivity/cycle times

**Optional Side Wall Extension**

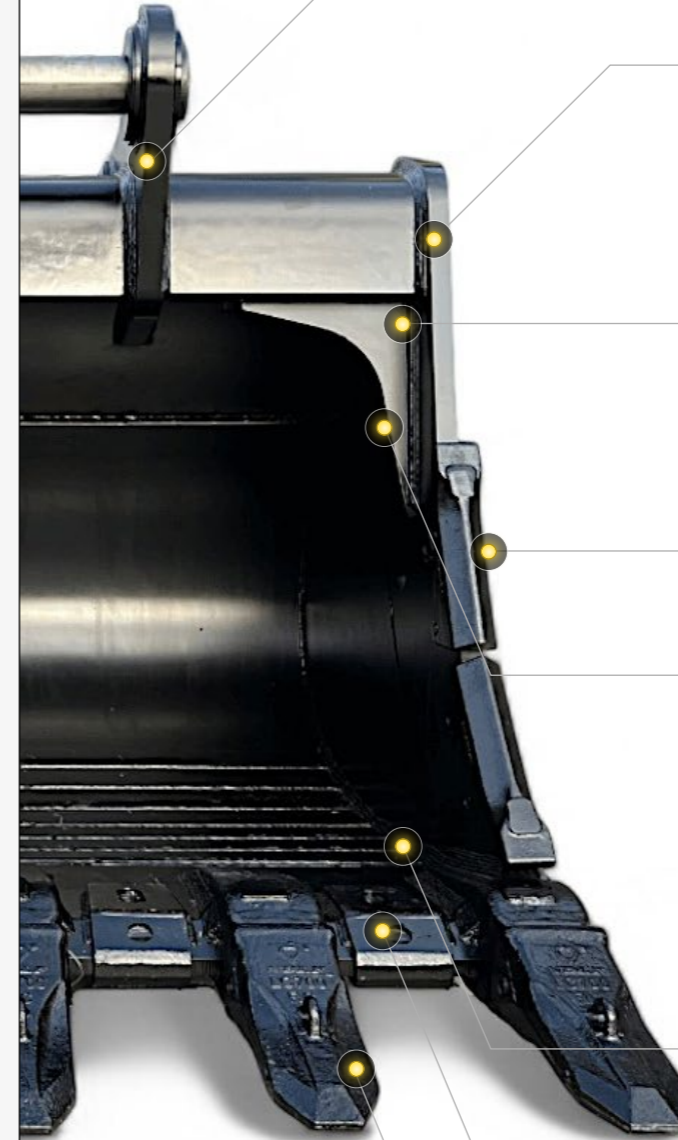
Side wall plating can extend beyond rear profile for extremely abrasive environments

**Heel Chock & Side Wall Chocks**

Reduces maintenance intervals and prevents excessive wear of side walls.

**Underbelly Wear Strips**

Can be extended up the rear wall to the ears base plate reducing excessive wear



**Integrated Head Bracket**

Optimal durability and performance by evenly distributing torsional force

**5 Axis Robot Welding**

All general assembly is conducted by industry leading machinery for optimal finish

**Additional Gussets**

Improves structural integrity preventing deformation and force distribution

**Dual Side Cutters**

Prevents unwanted slew whilst assisting with penetration of rock faces and reducing wear

**Customisable Skin Liners**

Full skin or strip style - floor and side liners available reducing maintenance intervals

**Customisable Steel Grading**

Built with high tensile strength with carefully selected grades based on site requirements

**Customisable Lip Options**

Straight edge or spade for optimal primary or secondary quarry applications

**Customisable G.E.T**

Front lip protectors and high penetration teeth for optimal wear distribution and penetration

## **AUSSIE BUCKETS**

**SAY NO TO MARKUPS**

For complete information on Aussie Buckets products and industry solutions, visit our website:

[www.aussiebuckets.com.au](http://www.aussiebuckets.com.au)

The photos in this catalog display various tonnages and are for illustrative purposes only. To confirm specific wear and design elements, please discuss your requirements with a member of our team. Final designs and wear elements may vary by tonnage. All product specifications were accurate at the time of publishing; however, these may differ from current specifications. For the latest details, please consult with an attachment specialist.

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