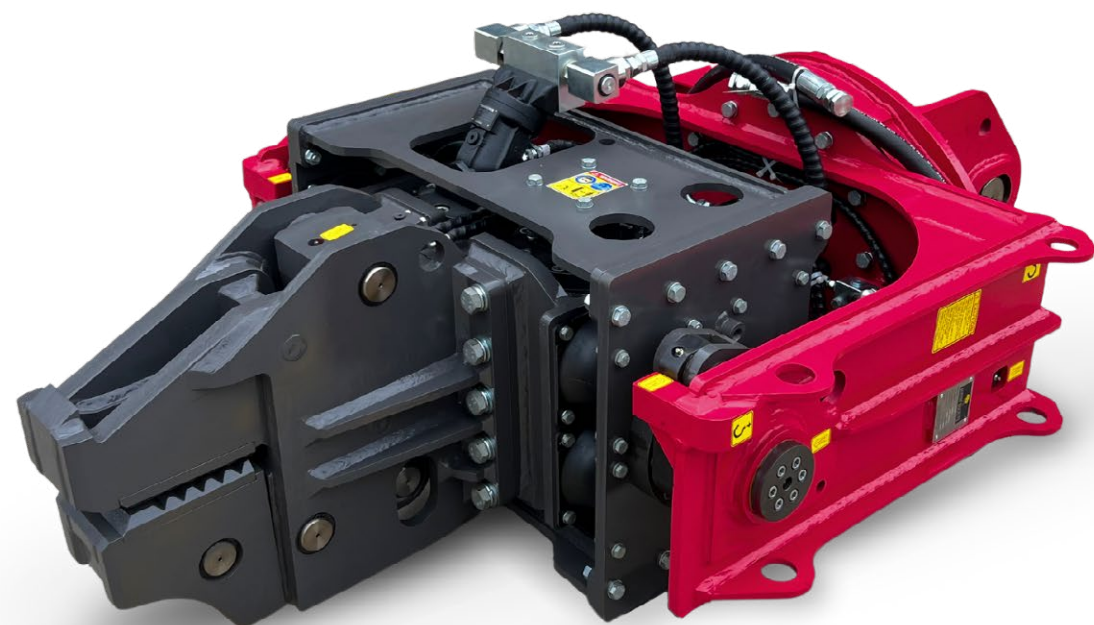




Vibrating Pile Driver

2025

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*Pictured model: 18-26T Top-Down Pile Driver

Top-Down Vibrating Pile Driver

AVAILABLE FOR 18T-55T

Our Vibrating Pile Driver revolutionises pile driving operations with its unique tilting and rotating functions, making it the safest, most versatile and efficient option on the market. Its heavy-duty vibrating cylinder handles even the toughest ground conditions, while hardened pins and larger bushes reduce torsional tension, ensuring durability and a longer lifespan.



*Pictured model: 20-28T Side-Grip Pile Driver

Side-Grip Vibrating Pile Driver

AVAILABLE FOR 20T-36T

Our Side Grip Pile Driver makes pile installation faster, easier, and more precise with its powerful side-clamping design, allowing operators to lift, position, and drive without extra handling equipment. Built to take on tough ground conditions, it delivers high vibrating performance and features reinforced grip arms and valves for secure handling and long-lasting durability, making it a go-to solution for tight spaces and high-production jobs.

Bullstern x Aussie Buckets

Aussie Buckets is proud to be the official exclusive Bullstern distributor for Australia.

BULLSTERN is a Korean manufacturer that has been in business for over 20 years. Their unique approach focuses heavily on field testing and identifying early on any defects or usability issues in the market, for rapid and efficient design optimisation. This is prioritised more so in their top two best-selling attachments; the Vibrating Ripper and Vibrating Pile Driver.

BULLSTERN has an impressive company background, leading the industry with the production of front actuators for construction equipment and successful strategic partnerships with DOOSAN (previously DAEWOO) since 2000.

- **2000**
Established as a subcontractor for DOOSAN.
- **2006**
Completed 1st factory; began production of DOOSAN excavator center frames and booms.
- **2008**
Commenced production of DOOSAN excavator arms.
- **2010**
Started OEM production of attachments for OKADA, Japan.
- **2011**
Completed 2nd factory; expanded into attachment and industrial machinery production.
- **2013**
Launched the “BULLSTERN” brand and established a dedicated attachments division.
- **2014**
Obtained CE certification for vibrating ripper, pile driver, and shears.
- **2015**
Initiated serial production of vibrating ripper, pile driver, and shears
- **2019**
Launched tilting type vibrating hammer.
- **2020**
Updated to a newly designed company logo.
- **2023**
Released side-grip vibrating hammer.
- **2024**
Launched new product lines: shears, pulverizers, and multi-processors.

Bullstern Vibro Hammer Production Line, Korea

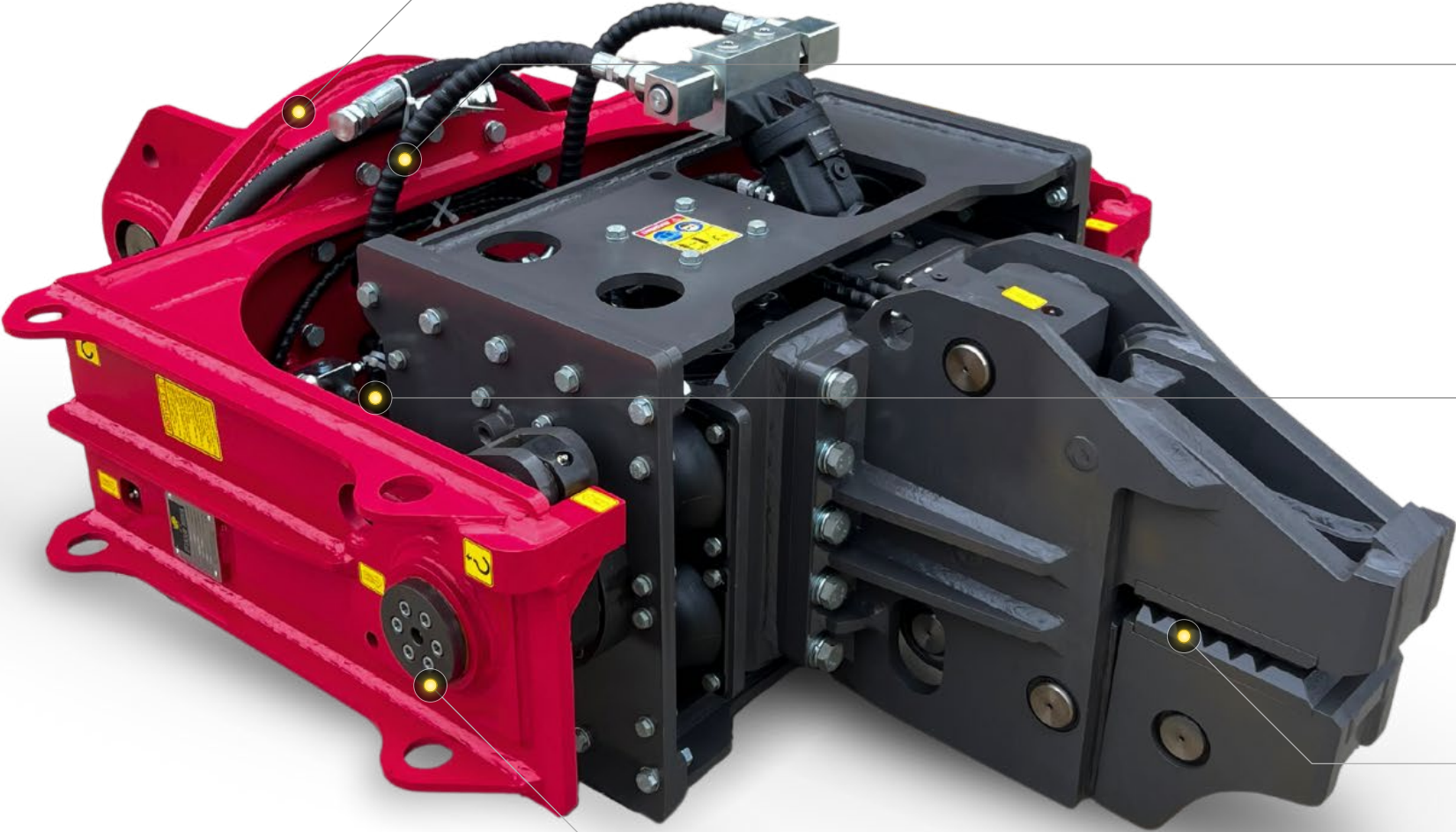


Your Path to the Perfect Pile Driver

- 01 ○ **Initial Consultation & Budget Alignment**
Our team will start by understanding your machine, site requirements, and budget. We'll provide clear guidance and indicative pricing on pile drivers suited to your machine's weight range – so you know exactly what to expect from the outset.
- 02 ○ **Expert Equipment Matching**
If you're keen to proceed, we'll arrange a one-on-one session with our equipment specialist, Sam.
In this call, Sam will:
 - Confirm your excavator's model and arm setup
 - Review your undercarriage, blade, and counterweight
 - Ensure compatibility with your specific pile types
 - Explain the difference between side grip and vertical models – and help you decide which suits your needs bestThis is where we ensure everything aligns perfectly.
- 03 ○ **Technical Confidence, Backed by Data**
Behind the scenes, we'll prepare a visual breakdown showing exactly how our pile driver will operate with your machine.
You'll receive:
 - Graphs demonstrating your machine can safely lift and operate the unit
 - Clear data showing it can handle your pile length and lifting height
 - Confidence that everything is technically matched and safeThis isn't just words – it's backed by solid numbers and visuals.
- 04 ○ **Personalised Proposal**
You'll receive a detailed proposal tailored to your machine and project. Our team (Sam and Nathan) will walk you through:
 - Final pricing
 - Installation and commissioning details
 - Ongoing servicing and support optionsWe're here to answer all your questions and make the process effortless.
- 05 ○ **Support & Final Steps**
Following the proposal, Nathan will manage the final steps and keep everything on track. Need more technical input? Sam is always on hand to help. Our aim is to get the right pile driver on your site – quickly, safely, and with total confidence.



Bullstern Vibro Hammer, Korea



Most Functional Pile Driver in Australia

Our Vibrating Pile Driver is the most versatile on the Australian market, featuring tilting, rotating, clamping, and vibrating functions. Unlike most pile drivers in Australia that lack a tilting function and require two machines for a complete application, our design allows you to use a single machine for the entire process, enhancing efficiency and reducing operational costs

Tilting & Rotation Functionality

Boasting a 90-degree tilting function, easily pick up sheet piles horizontally and simplifying manual interference in the pile-driving process. Meanwhile the 360-degree rotating functionality allows for optimal positioning. Combined, these features allow for greater efficiency and safety regardless of site angle or position.

High-Quality Electrical Harness

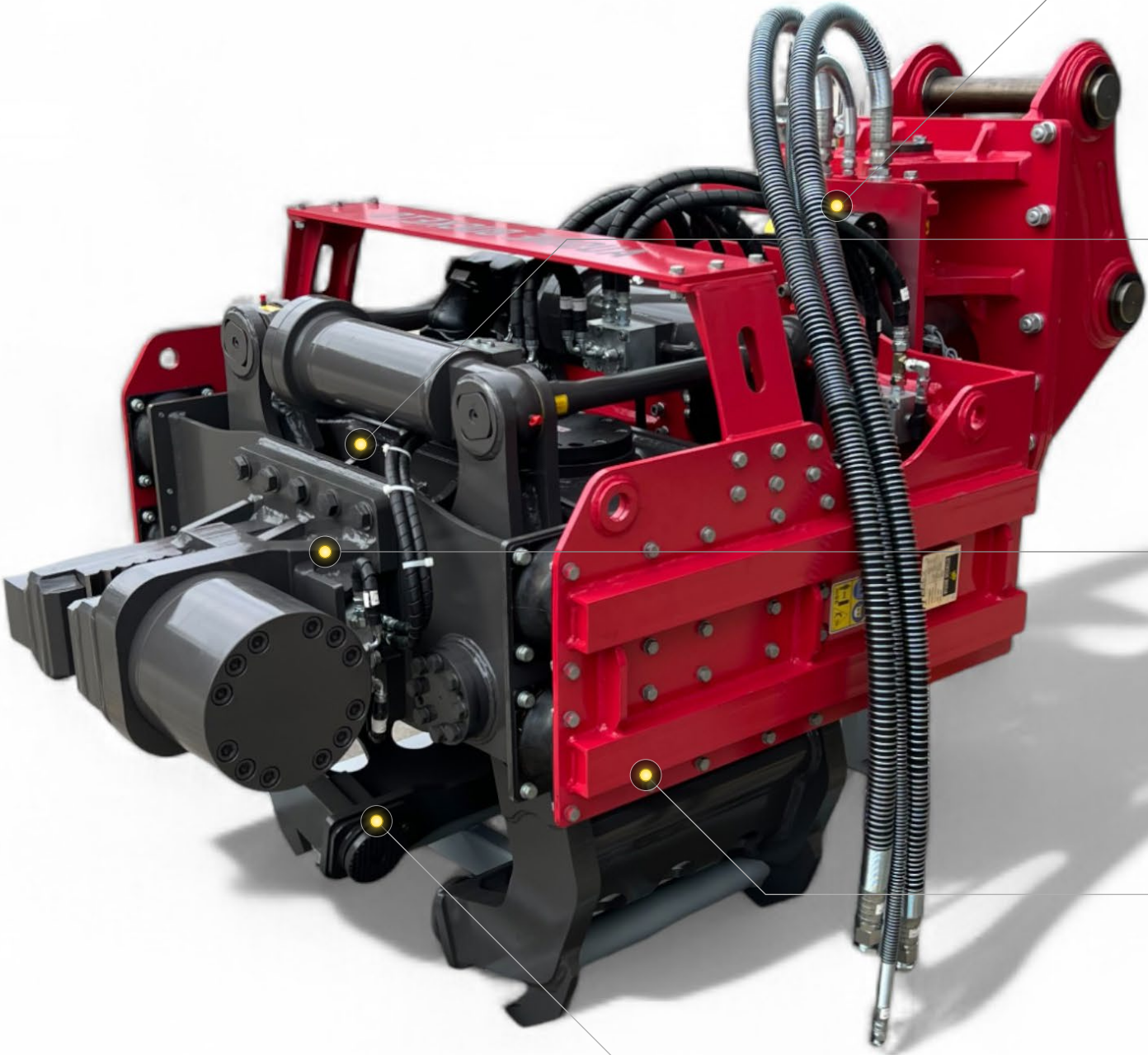
This component interconnects the electrical systems of the machine, such as its sensors, motors and controllers. Meticulously designed and assembled to ensure reliable and efficient transmission of electrical signals. This allows for maximum machine uptime and reliability, improving safety and increasing reliability. It allows for quick fault detection and simple maintenance, when required.

Versatile Pile Handling

Capable of both driving and pulling out piles, designed for handling I-beams, pipes, sheet piles and plates. Can handle I-beams with widths as little as 250mm, with the ability for down to 200mm available by request. For pipes, a diameter of 280mm with smaller sizes available by request. This provides maximum flexibility with handling various sized piles and enhancing operational efficiency.

Durable Cylinders

Equipped with high-durability cylinders and optimized sealing, the tilting and clamping functions operate with minimal resistance and extended life, even under continuous heavy and ongoing use.



Advanced Tilt & 360° Rotation Functionality

Offering a $\pm 30^\circ$ tilt and full 360° continuous rotation for unmatched operational flexibility. The integrated check valve system prevents unintended deflection, ensuring reliable positional stability and precise control during all situations especially when height is a factor.

Dual Clamping Capabilities

Utilising a multi-pick up clamp design being your top down bottom clamp and the side grip clamp, increases your versatility on site.

Robust Clamping Mechanism

Equipped with an accumulator and swivel jaw for enhanced stability and performance. Featuring integrated check valves in each clamping cylinder to ensure secure holding, while an accumulator and swivel jaw work together to provide enhanced stability and optimised performance. These inclusions alone will boost safety, reliability, and efficiency.

Efficient Component Structuring

Features a modular design for easier access and quicker servicing. The simplified component layout reduces complexity, streamlining both maintenance and overall structural efficiency.

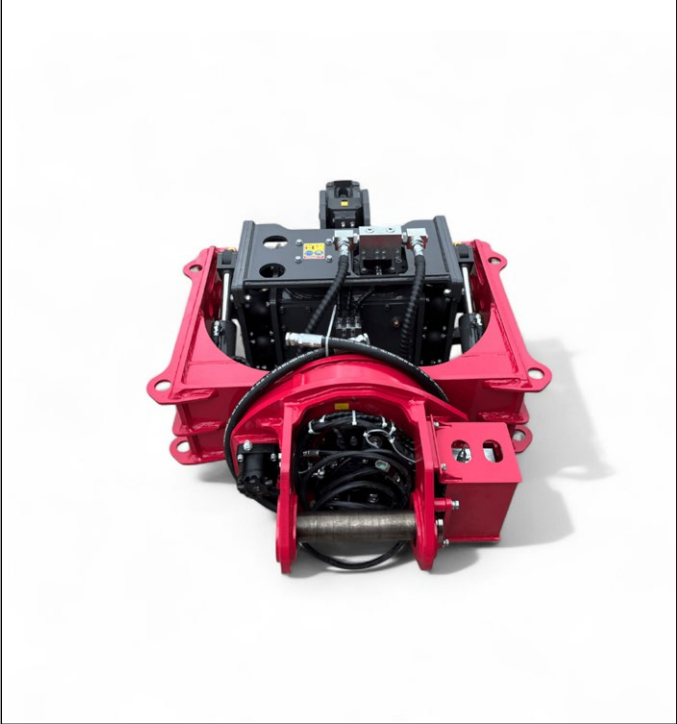
Superior Durability & Structural Integrity

Built for long-term performance, the design includes a high-load swivel drive system that boosts operational lifespan. Precision bushings at pin joints reduce wear, while key wear components are heat-treated for high hardness, ensuring extended durability in demanding conditions.

Specifications: Top-Down Pile Driver

Tonnage	Frequency (BPM)	Centrifugal Force (kN)	Setting Pressure		Rotation Degree (°)	Tilt Degree (°)	Flow Rate (L/min)
18 - 26	3400 - 3800	360	250 BAR	3626 PSI	360	90	170 - 200
27 - 36	3000 - 3200	580	250 BAR	3626 PSI	360	90	210 - 230
37 - 46	2800 - 3000	690	280 BAR	4061 PSI	360	90	250 - 260
47 - 55	2600 - 2800	800	280 BAR	4061 PSI	360	90	280 - 300

Tonnage	Max Clamp Opening (mm)	Unit Dimensions (mm) (L×W×H)	Goose Neck Dimensions (mm) (L×W×H)	Centre To Centre Goose Neck (mm)	Goose Neck Weight (kg)	Unit Weight (kg)	Total Operating Weight (Kg)
18 - 26	57	2057×1353×740	2510×634×1008	2300	645	1850	2495
27 - 36	57	2252×1319×822	3215×690×1196	3000	730	2190	2920
37 - 46	57	2259×1403×875	3425×750×1245	3200	925	2385	3310
47 - 55	53	2398×1487×921	On Request	On Request	960	2725	3685

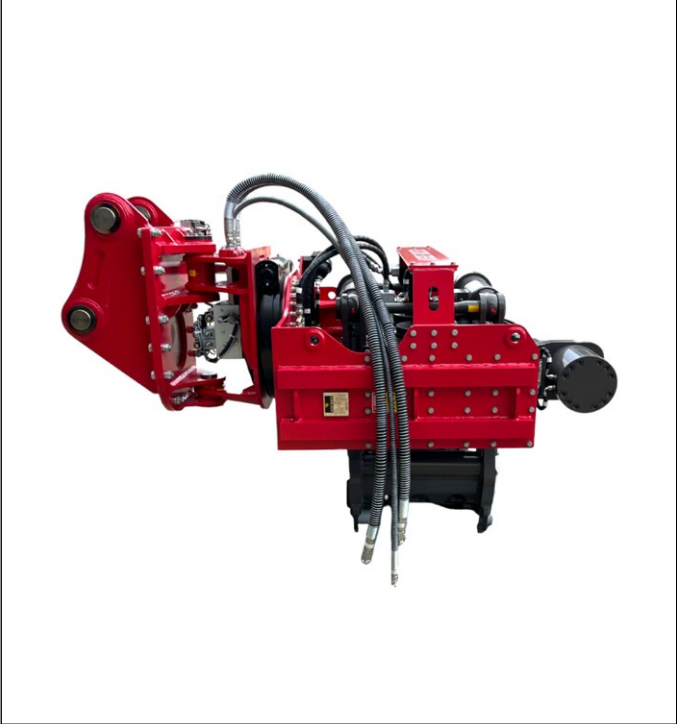


Specifications: Side-Grip Pile Driver

Tonnage	Frequency (BPM)	Centrifugal Force (kN)	Setting Pressure		Tilt Degree (°)	Flow Rate (L/min)
20 - 28	2700 - 3000	420	250 BAR	3626 PSI	±30	170 - 200
29 - 36	2500 - 2750	480	250 BAR	3626 PSI	±30	210 - 230

Tonnage	Max Side Clamp Opening (mm)	Max Clamp Opening (mm)	Weight (kg)	Suitable Piles (L × kg)	Sheet Piles Width	Depth	H-Beam Size	Tube Piles
20 - 28	280	40	3035	8m × 2300 kg 12m × 1800 kg 16m × 1200 kg	400 - 1000mm	265mm	H200 - H500	∅100 - ∅600mm

29 - 36	300	40	3650	6m × 2800 kg 12m × 1900 kg 16m × 1300 kg	400 - 1000mm	265mm	H200 - H500	∅100 - ∅660mm
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AUSSIE BUCKETS

SAY NO TO MARKUPS

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

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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