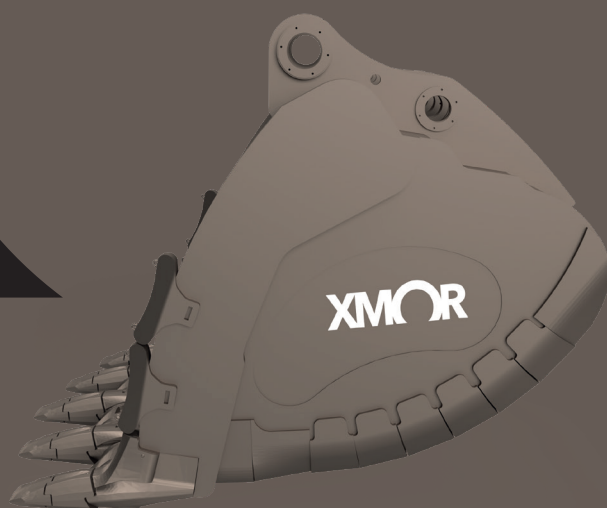


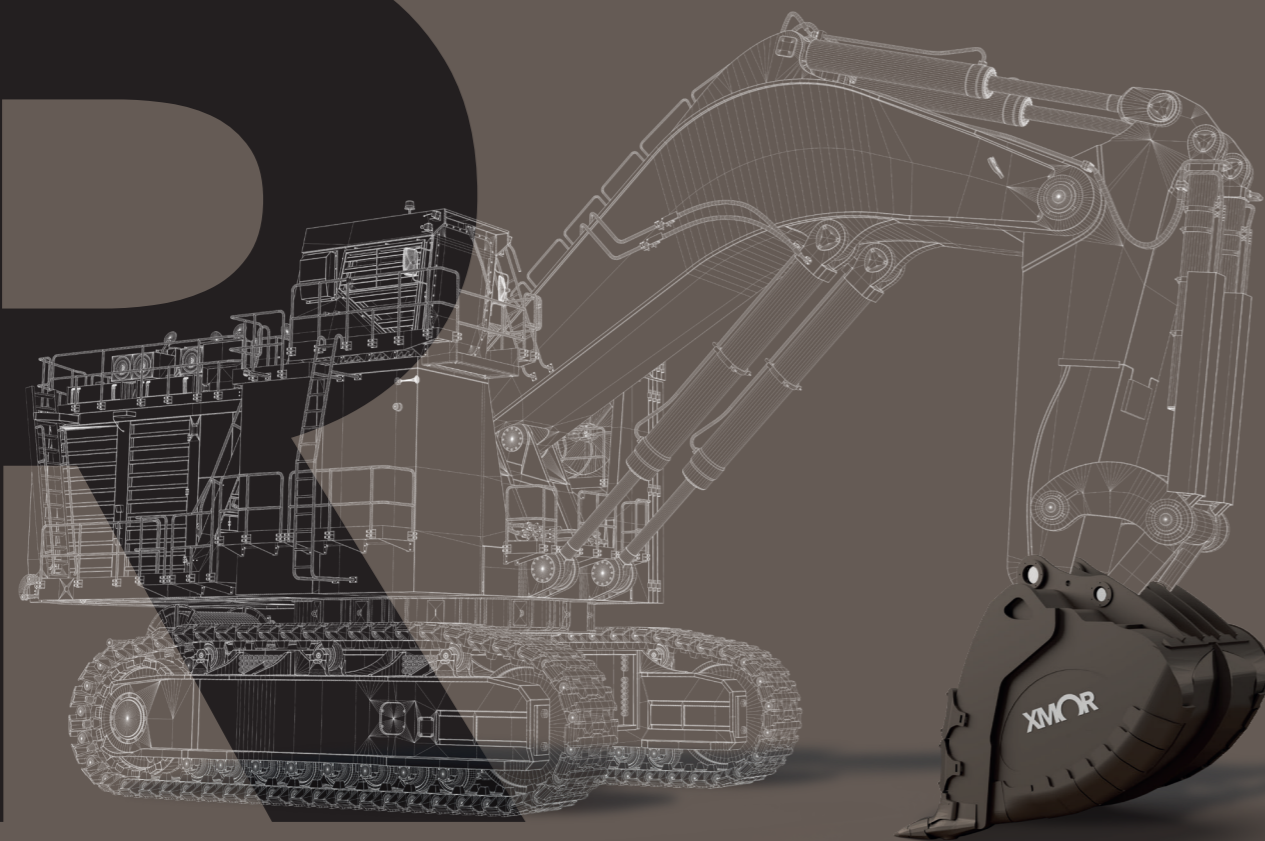
## XMOR™ Mining Bodies and Buckets



# EXPECT MORE

XMOR is a revolution in earthmoving attachment design.

The unique high strength steel formula delivers the lightest, hardest working products available in the mining and earth moving industry. Offering increased volumes and reduced weight, they can handle larger payloads than their counterparts; increasing the productivity of your asset and reducing your cost per tonne whilst extending asset life.



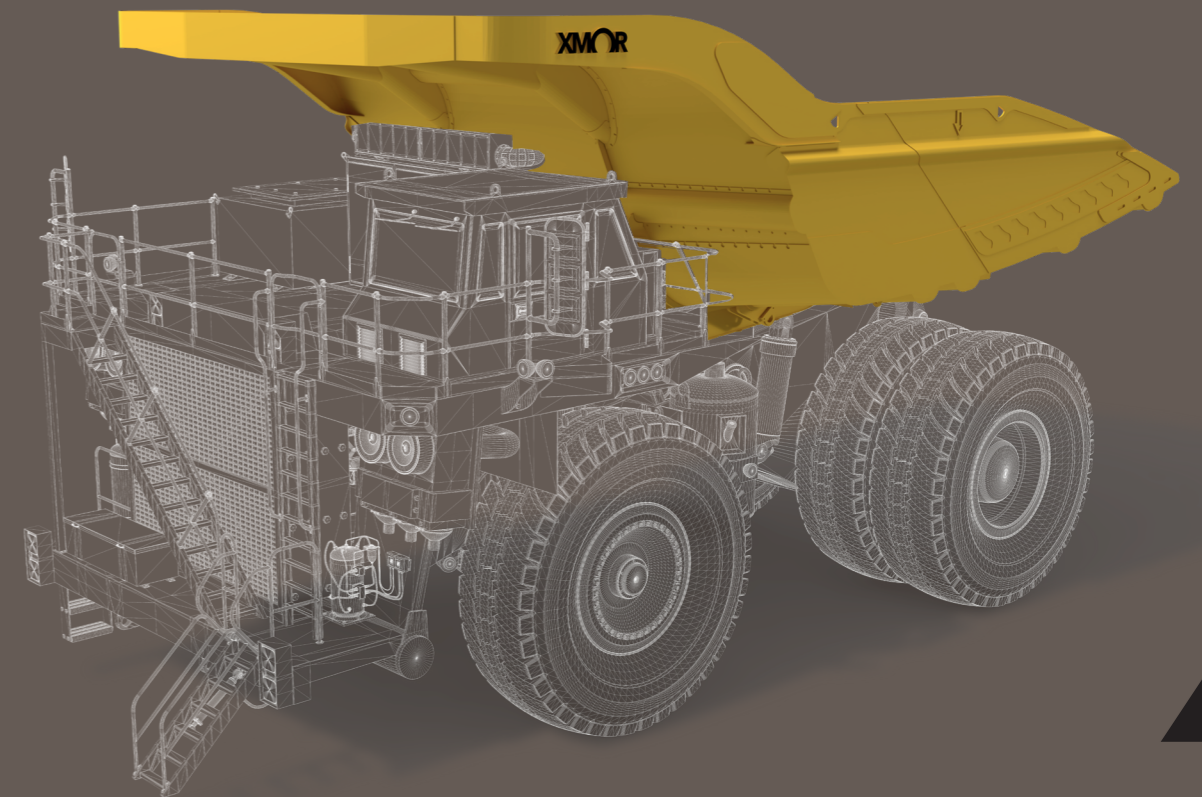
## XMOR™ BUCKETS

**Its easy to make a lightweight bucket.**

It is more difficult to make a light bucket that is larger.

It is even more difficult to make a lighter, larger bucket that can still stand up to the extremes of mining, whilst consistently delivering a larger payload, cycle after cycle, and still offer a reduction in maintenance and repair.

**That is what you can expect from XMOR™**



## XMOR™ DUMP BODIES

**Lightweight bodies are not new.**

But XMOR™ has gone lighter. And harder. And stronger. And more.....

A true lightweight high productivity dump body that can stand up to the extremes of mining, offering increased payload, decreased maintenance, elevated service life, reduced carryback, optimised axle splits, improved dumping performance, minimised spillage and ultimately an enhanced cost per tonne.

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# XMOR™ BUCKETS

- **Increased payload and productivity**
  - Significant weight reduction vs traditional buckets whilst also offering a larger volume that remains within the OEM machine Rated Suspended Load.
  - Improved bucket payload within the same machine payload – increasing machine productivity

- **Exceptional wear reistance hardness and toughness**
  - High hardness and yield strength even with use of thinner steels resulting from extensive use of Hardox 500 Tuf steel,
  - Tapered design and innovative top beam design increases stiffness

- **Patented inverted keel design**
  - Reduced underside contact pressure and thus reduced wear rate during digging operations.
  - Reduced weight and maintenance tasks with removal of underside wear bars
  - Rounded corners improve digging performancethrough further reduced external drag, and reduce hang-up inside

- **Hot work minimised**
  - On-site wear package maintenance tasks minimised, resulting in cost and safety benefits.

- **Handles all material**
  - Product range developed for use with a wide range of materials with different wear characteristics including high abrasion and high density materials
  - Customised design with options depending on digging scenario and customer requirements.
  - Available for all major mining backhoe excavators

- **Low Operating Costs**
  - High payload productivity
  - Reduced on-site maintenance and wear parts costs
  - Low-drag design results in reduced fuel burn and improved digging characteristics.

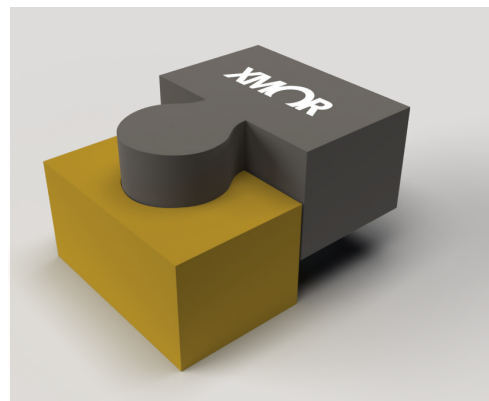
**XMOR.... Expect more in less time**

**XMOR™ Optimised Pass Matching**  
Pass matching is often talked about, but not many can truly achieve it.

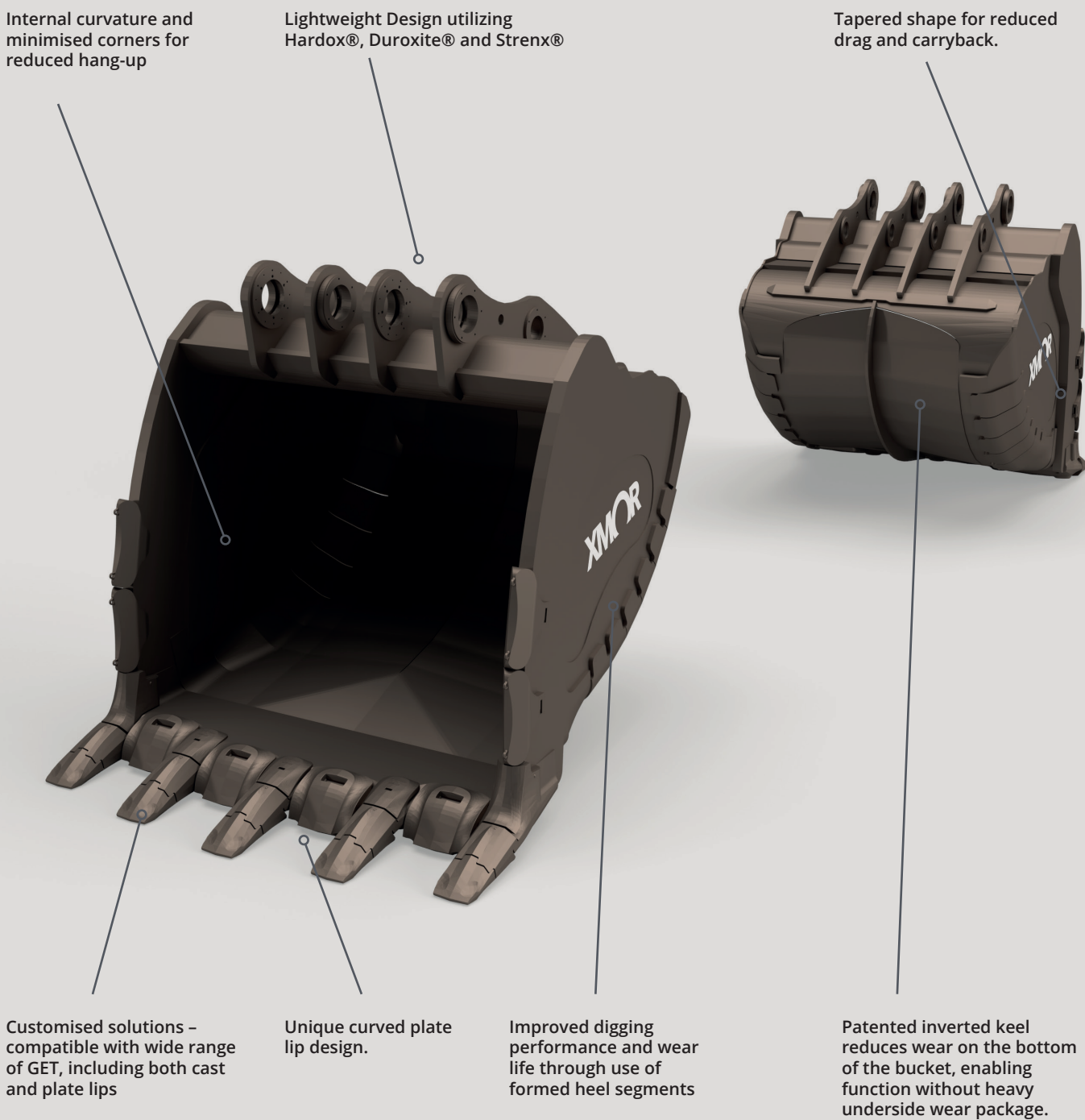
Whilst productivity gains may be made through the implementation of a larger body or larger bucket on their own, through the combination of custom designed XMOR bodies and buckets, users can expect to reap huge gains.

It may be of no benefit having a larger body if you need another pass to fill it, and likewise it may be of no benefit having a larger bucket if you are already filling the body or you end up with mismatched fill rates.

The engineers working on XMOR products are able to work with our customers to match the sizing of bodies and buckets based on the specific digging scenario, your fleet and your site production challenges, significantly increasing the true productivity of your fleet, and offering real returns with every machine cycle.

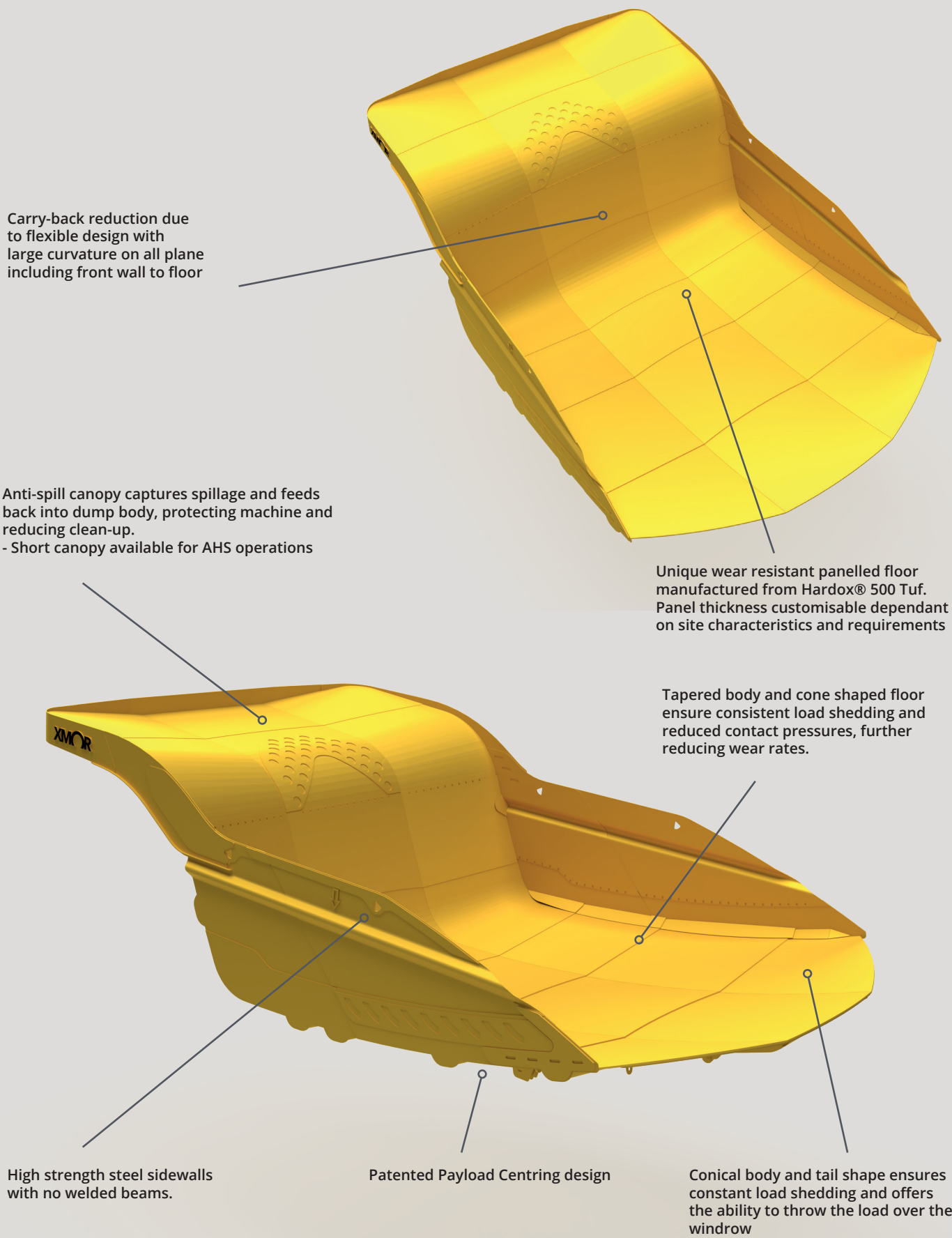


The result of many years of materials and bucket design knowledge, plus extended field development, XMOR™ mining buckets are proven in operation. With minimised wear packages and structural innovations we can offer a larger yet lighter backhoe bucket design that offers increased productivity and reduced maintenance.



All XMOR™ products are “Hardox® in My Body” Certified, and manufactured using genuine Hardox® wear plate. Underpinning the XMOR™ design philosophy is the belief that much more can be done with the materials available to us – utilising the combined properties of strength, toughness, hardness, weldability, formability to make stronger, lighter, more productive solutions. This includes Hardox 500 Tuf which is utilised extensively within the XMOR™ product range and offers a leap forward in these combined properties, enabling our Engineers to push the boundaries further, and resulting in significant benefits for our customers.

XMOR is a revolution in earthmoving attachment design. The unique high strength steel formula delivers the lightest, hardest working products available in the mining and earth moving industry. Offering increased volumes and reduced weight, they can handle larger payloads than their counterparts; increasing the productivity of your asset and reducing your cost per tonne whilst extending asset life.



# XMOR™ DUMP BODIES

- **Certified “Hardox® In My Body” Liner-less Dump Body**
  - Integrated wear and impact resistant structure constructed from Hardox® 450, Hardox® 500 Tuf and Strenx 700 high strength steels.
  - Unique Hardox® 500 Tuf panelled floor enables customisation based on site abrasiveness and impact

- **Reduced Weight - Increased Payload**
  - Super-lightweight structure decreasing body weight by upto 50% and increasing available truck payload by 10% compared to a typical OEM body
  - Integrity of the XMOR™ body features are retained for life – no impact or liner plates.
  - High strength steel sidewalls designed to enable contact with loading machines without significant body damage.
- **Patented Payload Centring Design**
  - Patented design and “cone” shaped construction results in automatic load positioning for optimal axle loading and truck stability regardless of density carried.
  - Automatically directs any overload to the rear 4 tyres reducing tyre heat and increasing tyre life.
- **Improved Dumping Performance and Reduced Carryback**
  - Anti-Hang-Up design eliminates carry-back through smooth geometry and front wall curvature
  - Tapered body and cone shaped floor ensure consistent load shedding – reducing wear rates, eliminating choking at the crusher and dozer clean-up at the dump.

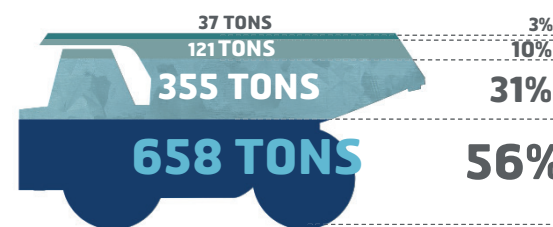
- **Designed for Minimal Maintenance**
  - No requirement for liners through normal operational life.
  - Minimal operating cost & downtime due to maintenance.
  - Improved on-site safety, with a host of maintenance friendly features.

**XMOR.... Expect more in every load.**



Through the use of XMOR products operators can contribute significant CO2 savings. This is achieved firstly through the lower amount of steel required to produce the product, but then also through the longer service life (which then requires less steel over time), the lower product weight (which can be translated into a fuel saving), and the increased capacity (as we are essentially hauling more tonnes for the same CO2 output, and thus reducing the CO2 per tonne). An SSAB EcoUpgraded calculation example based on a Caterpillar 793 body yields the below results:

XMOR products are part of ongoing efforts to reduce the CO2 output of mining operations and will soon be produced using the world's first fossil free steel.



Taking 550 cars off the road for a year

XMOR™ products are designed and developed to offer operators improved productivity through the use of innovative design paired with advanced Hardox® high strength steels, stronger, lighter, larger structures that result in increases to payload and operational life.

G&G Mining are specialists in the design, manufacture, repair and refurbishment of high-quality engineered, mobile mining equipment attachments, components and supply of associated services and have been supporting the mining industry for over 30 years.

We marry expertise in advanced high strength and wear resistant material with design, application and manufacturing knowledge to offer market-leading solutions.

Solving the challenges of mobile equipment productivity through increased payload and improved wear resistance, our products include customised mining buckets, dump bodies and water tank solutions, alongside product support and on-and off-site maintenance, repair and refurbishment services. G&G are a member of the global Hardox Wearparts network and can offer a vast array of customised wear resistant solutions.



ggmining.com  
sales@ggmining.com | +61(0)8 6258 3333  
G&G Mining Fabrication Pty Ltd  
311 Stirling Crescent, Hazelmere, WA, 6055, AUSTRALIA  
All XMOR™ products manufactured by G&G are certified Australian Made products  
XMOR™ is a trademark of SSAB AB

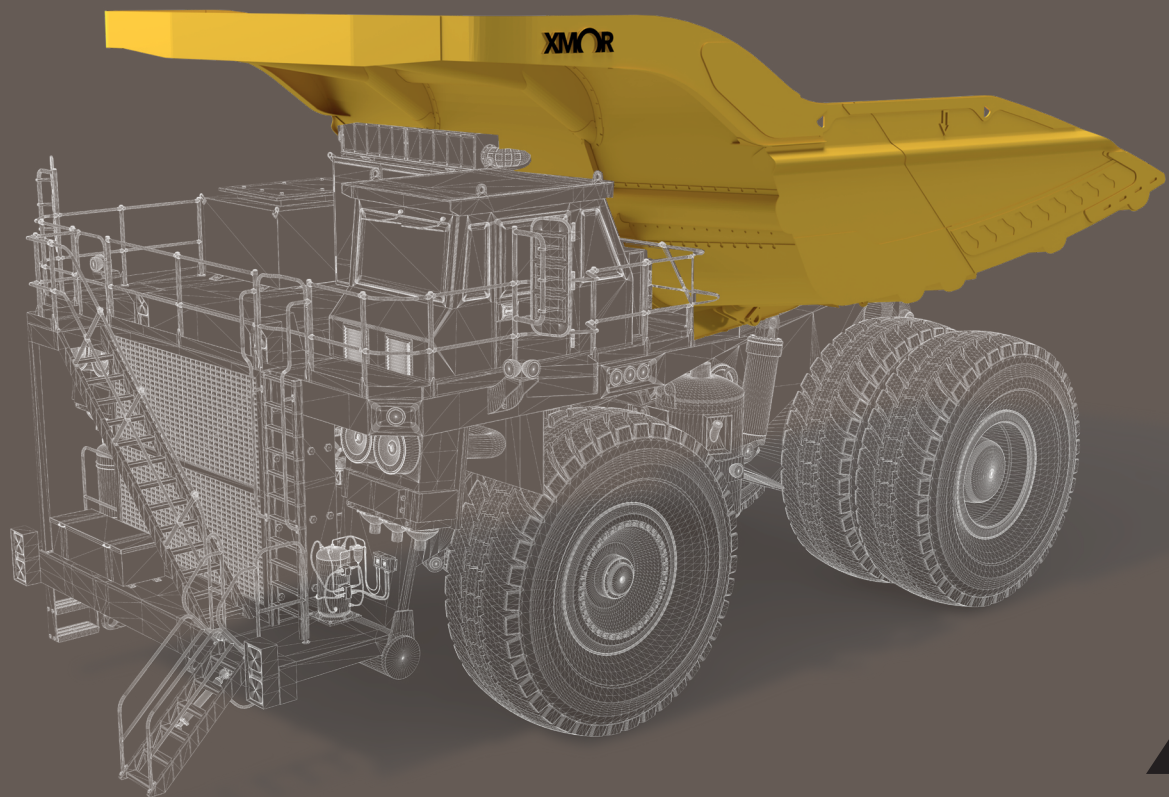


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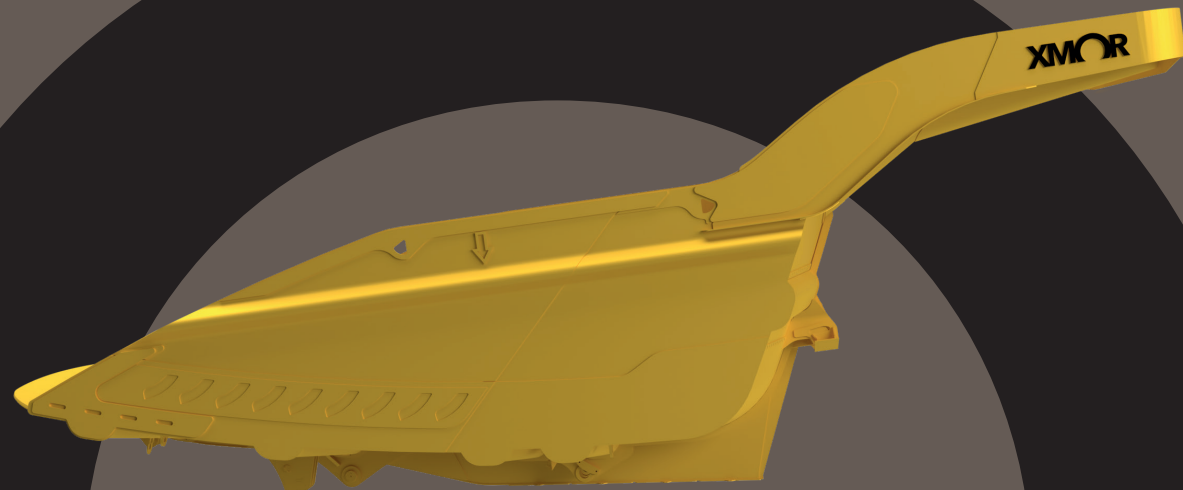
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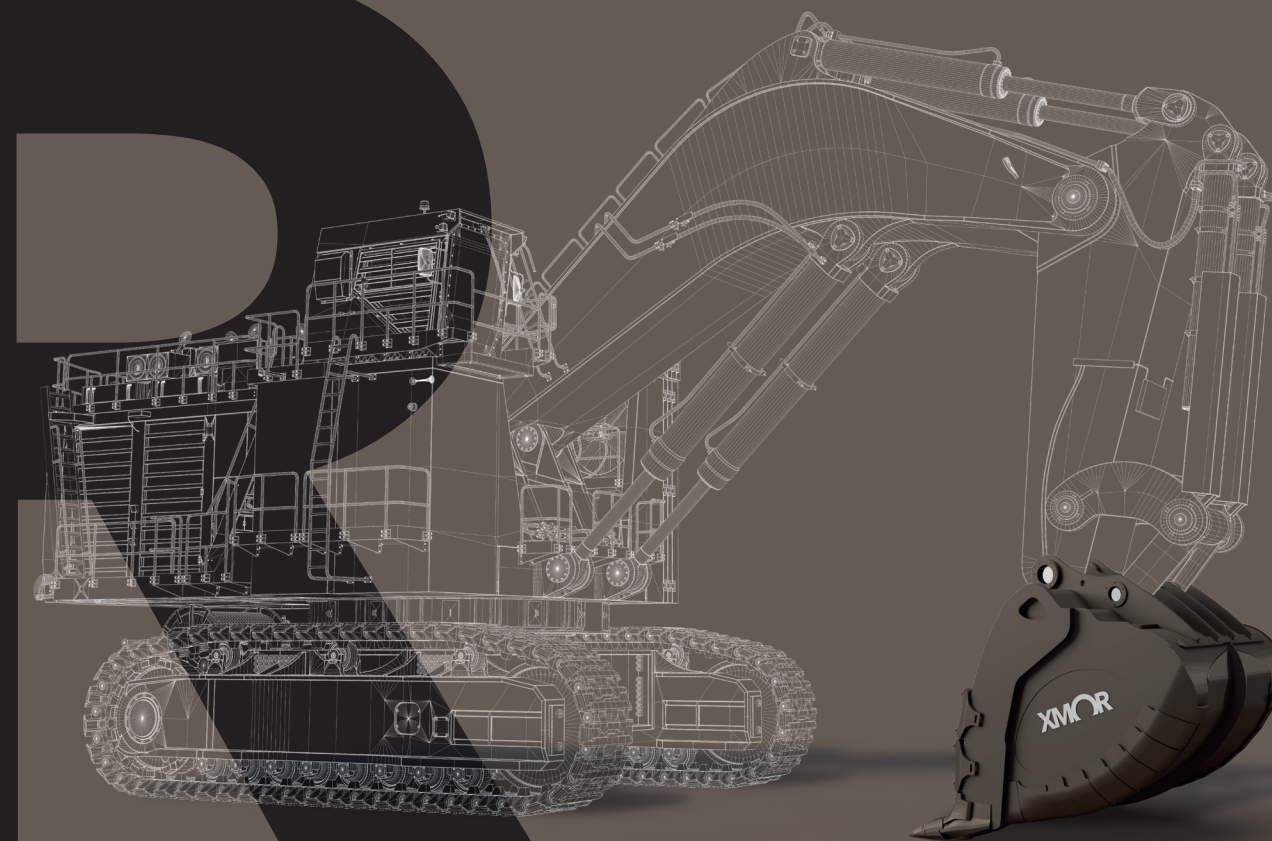
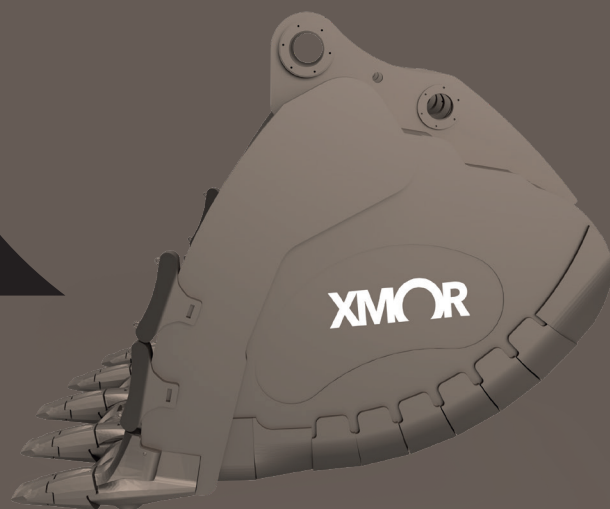
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**XMOR**  
HIGH PRODUCTIVITY EQUIPMENT



XMOR™ Mining Bodies and Buckets



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