

XMOR® BHB SERIES

CHALLENGE THE CONVENTIONAL

XMOR®


KOMATSU
KOMATSU
XMOR



THE SUPERIOR EARTHMOVING EXPERIENCE

XMOR® is more than a product brand, it's a mindset of productivity. Conventional mining and earthmoving equipment is just that – conventional – with all its limitations in capacity and maintenance needs.

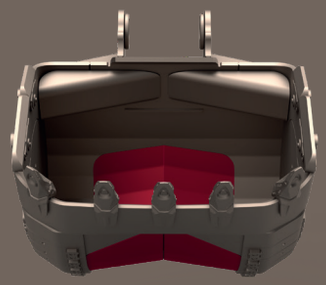
XMOR® BHB buckets provide a productivity increase of up to 20% from higher payload without increasing suspended load on the excavator. This is equal to 15-30% reduction of steel in the bucket.



XMOR® BHB Series

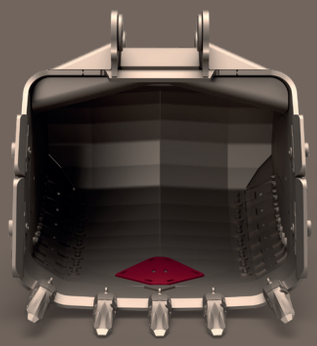
Inverted Keel

There are multiple advantages associated with this feature. Such as reduced resistance in operation, optimal material flow and distribution of stresses.



Keel Saddle

In more abrasive operations a little more protection is often required for the leading point of the Inverted Keel.



INNOVATIVE FEATURE
MAKE ALL THE DIFFE





Curved Cutting Edge

The curved cutting edge moves the weld away from the area of highest stress, increasing structural integrity while accommodating natural flex to alleviate stress points. This also allows for a thinner cutting edge, so you cut into material easier.

Mechanical Wing Shrouds

Attached with bolts, these Wing Shrouds are designed to fit the curved edge and protect the weld point of the cutting edge. They are reversible.

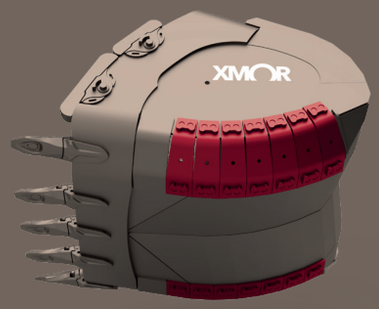
Corner Cavity

The corner cavity reduces the weight by avoiding the traditional doubling of material. The cavity is covered by our Mechanical Heel Shroud.



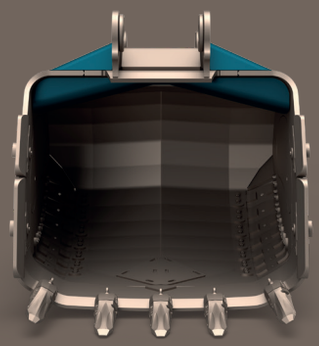
Mechanical Heel Shrouds

Being mechanically attached these reduce maintenance and downtime. Our Mechanical Heel Shroud covers the cavity.



ES
ERENCE

XMOR® BHB Buckets feature several innovative and patented designs that enhance effectiveness and durability, tested and proven in real mining and earthmoving operations.





Angular Head Beam

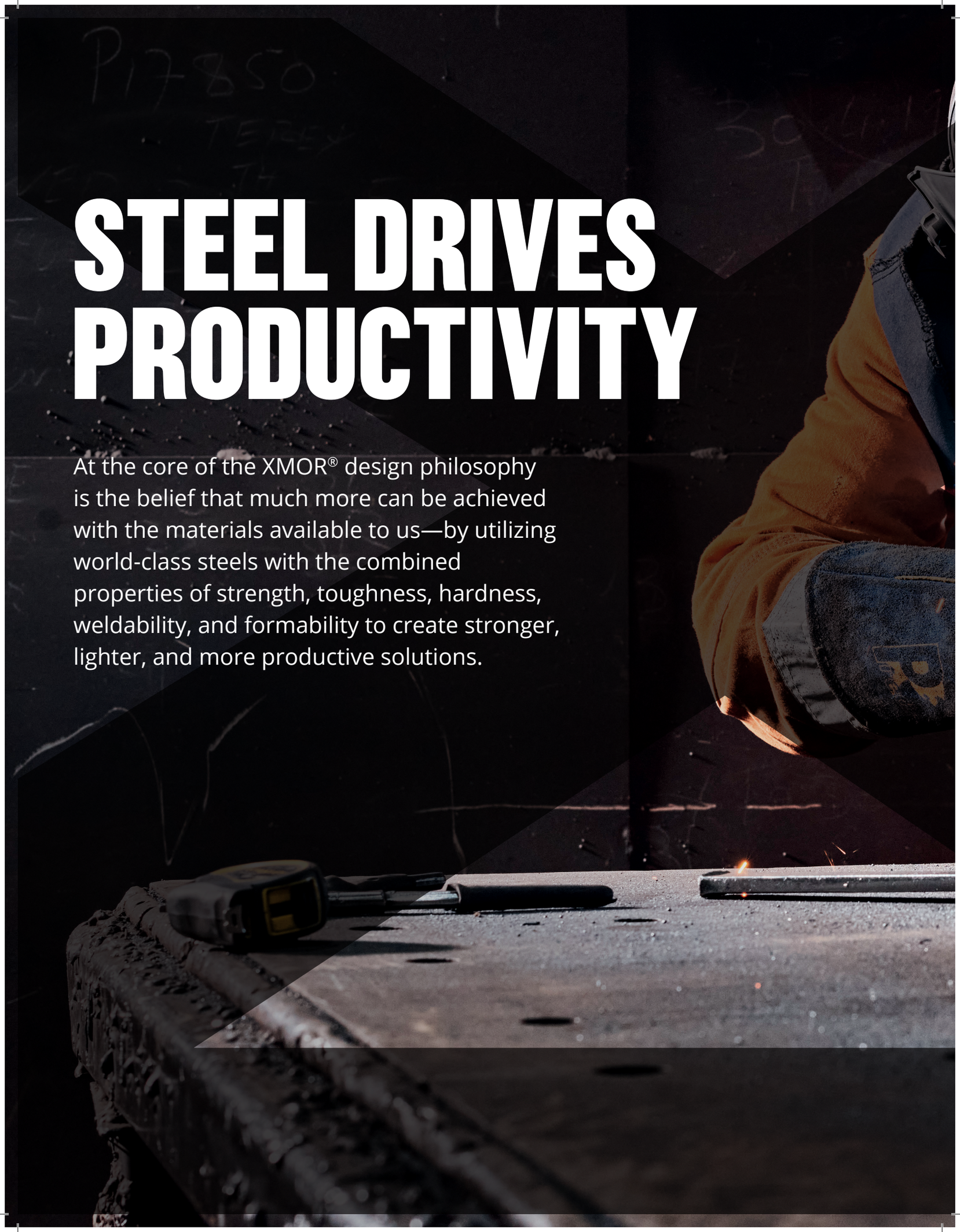
This provides structural support while still reducing the amount of steel used, which in turn reduces weight. The lack of a single horizontal channel allows optimal material flow, opening the mouth wider to accept material easier.

SSAB Products

All of this made possible by taking optimal advantage of the qualities of Hardox® wear plate and Strenx® performance steel from SSAB.

Hardox® wear plate

Strenx® performance steel



STEEL DRIVES PRODUCTIVITY

At the core of the XMOR® design philosophy is the belief that much more can be achieved with the materials available to us—by utilizing world-class steels with the combined properties of strength, toughness, hardness, weldability, and formability to create stronger, lighter, and more productive solutions.



HARDOX® WEAR PLATE

The world's No. 1 abrasion-resistant steel for longer service life.

XMOR® BHB buckets are Hardox® In My Body certified, and manufactured using genuine Hardox® wear plate.

HARDOX®
IN MY BODY

STRENX® PERFORMANCE STEEL

The premium high-strength steel offers structural integrity with extremely consistent properties.

XMOR® BHB BUCKETS ARE DESIGNED FOR 50-120 TON MACHINES

50



XMOR® BHB50
Tip to pin — 76 inches

120

XMOR® BHB120
Tip to pin — 111 inches



THE POSSIBILITY TO SKIP A CLASS

7.0 yd³

Let's take a common class 80 ton machine, it has a bucket capacity of around 7 yd³ and weights around 9000 lbs. It is loading common dry dirt.

7.7 yd³

XMOR® BHB 80

Staying in the weight class, XMOR® BHB 80 could increase the capacity to 7.7 yd³ without stressing the machine with additional weight.

8.5 yd³

XMOR® BHB 90

However, if the site conditions allow, XMOR® BHB 90 could increase the capacity to as much as 8.5 yd³.

That's **21% increase.** Now the class 80 ton machine is performing like a class 90 ton.

XMOR® bucket classification	**Machine operating weight range** (metric ton)	**Volume** (Based on SAE 1:1; yd^3)	**Typical outside width** (inch)	**Typical weight*** (lbs)
XMOR® BHB50	41–50	2,6	61	3991
		3,5	65	4125
		3,8	69	4259
		4,0	73	4396
		4,3	77	4533
XMOR® BHB60	51–60	4,1	63	4845
		4,4	67	4997
		4,7	71	5153
		5,0	75	5309
		5,3	79	5472
XMOR® BHB70	61–70	5,0	69	6614
		5,3	73	6800
		5,6	77	6994
		6,0	81	7189
		6,3	85	7383
XMOR® BHB80	71–80	6,2	73	7856
		6,6	77	8074
		7,0	81	8295
		7,3	85	8516
		7,7	89	8739
		8,0	93	8984
XMOR® BHB90	81–90	7,2	77	8905
		7,6	81	9136
		8,1	85	9364
		8,5	89	9595
		8,9	93	9838
XMOR® BHB100	91–100	8,3	81	10091
		8,7	85	10345
		9,2	89	10625
		9,7	93	10866
		10,1	97	11161
XMOR® BHB120	101–120	9,9	85	11024
		10,4	89	11309
		11,0	93	11602
		11,5	97	11877
		12,0	101	12166

* Typical Weight including standard cast adaptors and teeth

MAINTAIN PRODUCTIVITY

XMOR® service and rebuild kits are designed and manufactured to suit the most common refurbishing needs, ensuring seamless compatibility and superior performance.

- Each kit is tailored to your XMOR® BHB bucket via its serial number, eliminating the need for reverse engineering and ensuring efficiency without delays.
- Collaborating with an authorized XMOR® Partner for repairs allows you to explore modifications like adjusting the cutting edge contouror choosing a different brand of Ground Engaging Tools (GET), if needed.
- All buckets are repaired using Hardox® wear plate and Strenx® performance steel, assuring uncompromising quality and durability.

XMOR® BHB SERVICE KIT



For maintenance work on site, the XMOR® BHB Service Kit has you covered. The kit contains prefabricated wear parts for easy installation on your XMOR® BHB bucket. Individual parts can also be ordered.

The kit includes:

- Heel Segments (with new bolts and washers)
- Keel Pad
- Floor Overlays
- Transitional Plate
- Wing Shrouds (with new bolts and washers)

XMOR® BHB REBUILD KIT



For a more extensive refurbishment of your XMOR® BHB bucket, you can opt for the XMOR® BHB Rebuild Kit. It has a complete set of wear parts to secure the bucket's productivity. Depending on the bucket's condition, separate parts can also be ordered.

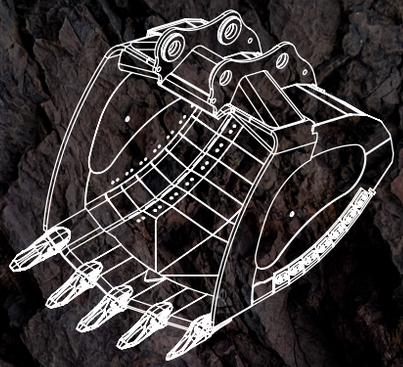
The kit includes:

- Heel Segments (with new bolts and washers)
- Keel Pad
- Transitional Plate
- Wing Shrouds (with new bolts and washers)
- Kidney
- Lower Sides
- Half Keel
- Half Front Sides
- Curved Cutting Edge
- Half Floor

RECOMMENDED CONFIGURATION FOR DIFFERENT APPLICATIONS

Lip, GET and shrouds systems is customer choice.

Materials: Lightweight materials such as coal stripping and up to heavier sand and gravel. It can also handle rocks up to 20".



Non-Abrasive Rock



Abrasive Rock



Bulk Earthworks



Sand/Gravel

XMOR

XMOR® products are designed and developed to offer operators improved productivity through the use of innovative design paired with advanced Hardox® wear-resistant steels, resulting in stronger, lighter, larger structures with incresed payload and operational life.

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