

XMOR
HIGH PRODUCTIVITY EQUIPMENT



EXPECT MORE IN LESS TIME



HOW CAN XMOR™ BHB-SERIES DELIVER THE RESULTS?

XMOR™ backhoe bucket provides a productivity increase of 10-20% higher payload without increasing suspended load. This is equal to 15-30% reduction of steel in the bucket.

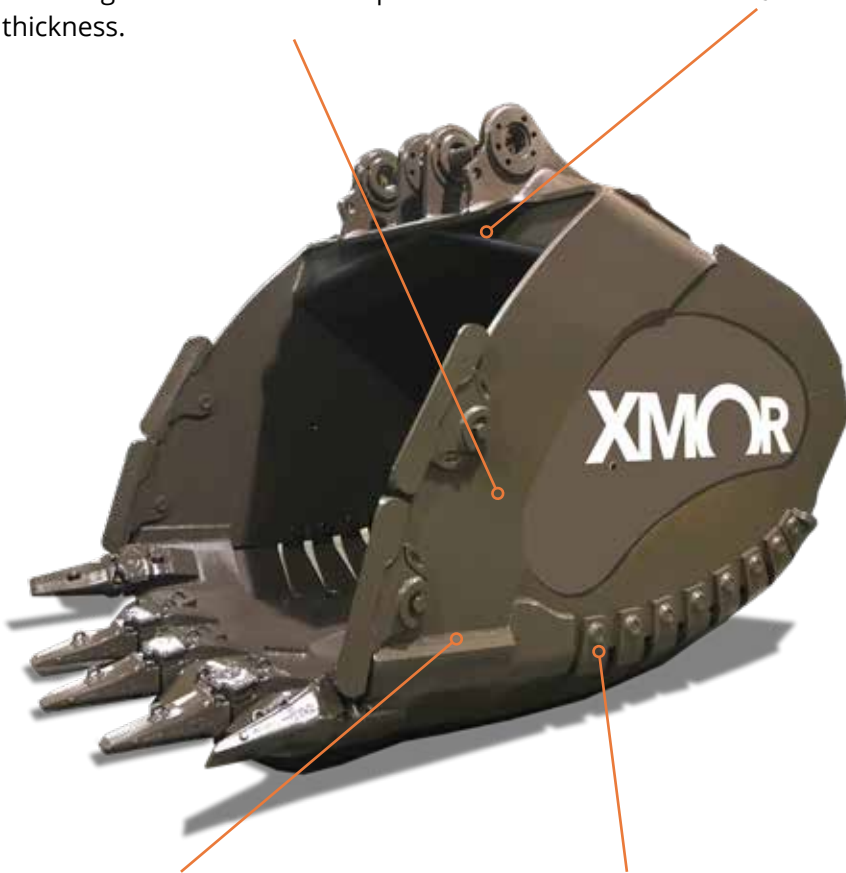
This achievement is a result from the combination of using the best high-strength steel, Hardox® wear plate, an innovative design that is optimized for increased fatigue life and a production process of the highest quality and with consumables specially designed for Hardox® wear plate.

All these factors combined allow the reduction in material thicknesses that enables the incredible low weight of the bucket.

The XMOR™ buckets comes with 1 patent approved, 3 pending and 1 patent of design.

Hardox® 450 and Hardox® 500 Tuf in the design allows for reduced plate thickness.

New patent pending beam design reducing weight and enabling structural warranty.



Optimized welding parameters and consumables for Hardox® wear plate giving high quality welds.

Less downtime is achieved by replacing weld on heel shrouds with patented mechanical heel segments.



Patent pending inverted keel reducing wear on the bottom of the bucket, enabling function without heavy wear package underneath.



Round smooth surfaces and a design that flex help to reduce carry back.

XMOR™ BHB-SERIES

This backhoe buckets are targeting large size excavators where increased productivity in digging adds value to the process. The low weight of the buckets enable increased payload of 10-20% without increasing excavator suspended load.

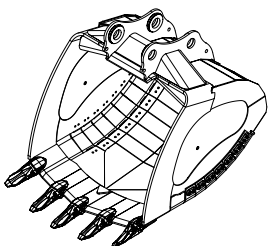


Profile	BHB 50	BHB 60	BHB 70	BHB 80	BHB 90	BHB 100	BHB 120
Suspended load (lbs)	14000–15800	16800–19200	20200–23000	25900–29500	29600–33700	33600–38200	38800–44300
Density (lbs/CuYd)	2530–3030	2530–3030	2530–3030	2530–3030	2530–3030	2530–3030	2530–3030
Volume (CuYd)	3,5–4,5	4,2–5,3	4,9–6,1	6,4–8,0	7,4–9,1	8,4–10,3	10,0–12,0
Bucket weight (lbs)	3660–4200	4450–5060	5930–6730	7310–8200	8230–9140	9450–10460	10470–11580
Bucket width (inches)	61–77	63 - 79	69–85	73–89	77–93	81–97	85–101
Tip to pin (inches)	77	83	89	94	100	104	110

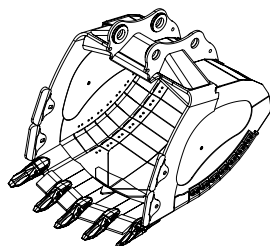
Each model size targets 3 different material densities of either up to 2530, 2780 and 3030 lbs/CuYd. The buckets target a variety of applications within quarry industry as bulk earthworks, sand, gravel, coal stripping and blasted rock up to 20”.

Recommended configuration for different applications

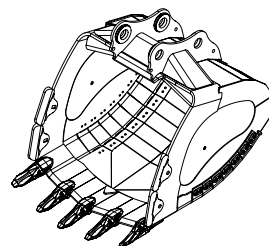
Non-Abrasive Rock



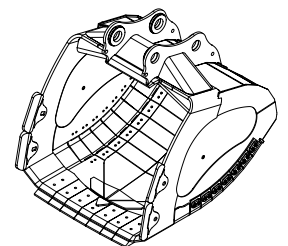
Abrasive Rock



Bulk Earthworks



Abrasive Sand/Gravel



Lip, GET and shrouds systems is customer choice.

Note: As this is an extreme productivity backhoe bucket, where 30% of the steel has been taken out, it is not suited for pushing large boulders, pulling toes/footings left from the blast and smashing rocks. Also due to the increased size of up to 20% larger than existing buckets the bucket is not intended for use with QuickHitch. The round shape limits its use, as its not perfect for scraping flat surfaces or digging clean between two different layers with high precision.

EXPECT MORE IN LESS TIME WITH XMOR[®] BHC SERIES

The new XMOR[®] BHC series is built to give high productivity in tough mining conditions. XMOR[®] BHC mining buckets have a groundbreaking design delivering up to 15% higher payload capacity compared to a conventional bucket.

Teardrop-shaped Head Beam provides structural integrity and allows the main bucket to be built separately from the shell.

Hardox[®] 450 and Hardox[®] 500 Tuf in the design allows for reduced plate thickness.



Being mechanically attached these reduce maintenance and downtime. Our Mechanical Heel Shrouds cover the Cavity Corner.

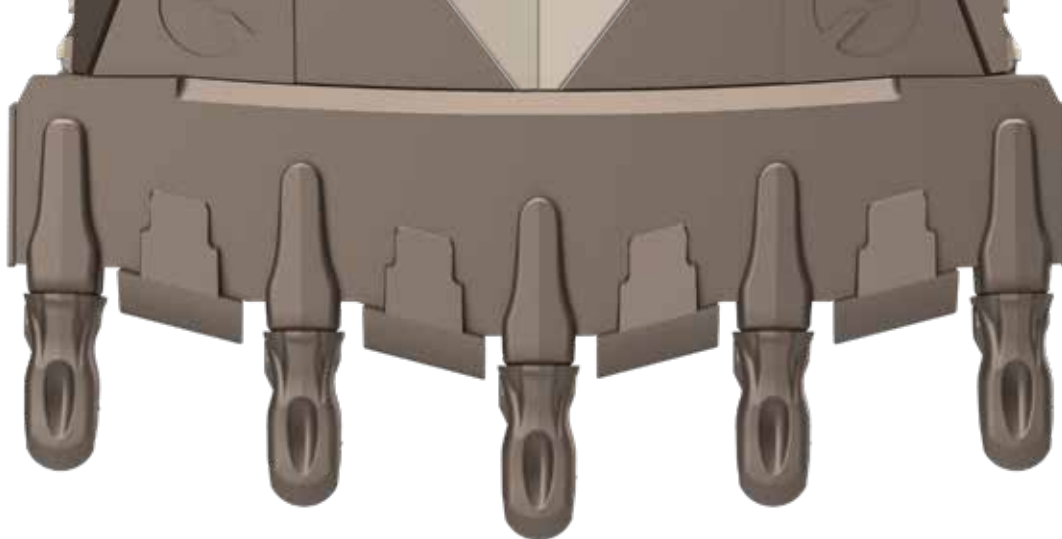
The Inverted Keel is a proven and unique XMOR[®] feature serving the dual purpose of distributing the material smoothly inside the bucket and keeping the external plate away from the material, thus reducing wear.

PRODUCTIVITY STARTS WITH THE DETAILS

The XMOR[®] BHC buckets owe their high productivity to several unique features, some of which have approved and pending patents and design patents.

Optimizing the use of Hardox[®] wear plate and Strenx[®] performance steel

Thanks to the high wear resistance of Hardox[®] it's possible to reduce weight by using thinner plates and still get a more durable bucket. The high-strength steel Strenx[®] adds structural integrity to the Head Beam.



Designed for higher productivity in 80-300 tonne machines

XMOR® BHC buckets target large-size excavators where increased productivity in digging adds value to the process. XMOR® BHC buckets have the necessary strength for tearing out blast footings, loading trucks and crushers with blasted rock and other heavy-duty operations such as bulk earthworks

and coal stripping. The reduced weight allows for more payload without increasing suspended load.

Each XMOR® BHC bucket model size targets 2 different material densities of either 2520 lbs/CuYd (1500 kg/m³) or 3030 lbs/CuYd (1800 kg/m³).

Material density 2520 lbs/CuYd

Profile	BHC 80	BHC 90	BHC 100	BHC 120	BHC 150	BHC 200	BHC 250	BHC 300
Suspended load (lbs)	29035	35737	40786	45129	51103	76059	94799	110363
Volume (CuYd)	8,08	9,94	11,05	12,07	13,16	20,57	25,80	30,11
Bucket weight (lbs)	8598	10397	12824	14593	17835	24030	29542	34216
Bucket width (inches)	85	95	100	108	112	118	132	140
Excavator size (lbs)	160000-180000	180000-200000	200000-260000	240000-300000	300000-360000	360000-460000	460000-560000	560000-680000

Material density 3030 lbs/CuYd

Profile	BHC 80	BHC 90	BHC 100	BHC 120	BHC 150	BHC 200	BHC 250	BHC 300
Suspended load (lbs)	29035	35737	40786	45129	51103	76059	94799	110363
Volume (CuYd)	6,74	8,36	9,28	10,10	11,54	17,21	21,58	25,18
Bucket weight (lbs)	8201	9903	12214	13898	16063	22884	28131	32584
Bucket width (inches)	81	91	97	104	108	114	129	136
Excavator size (lbs)	160000-180000	180000-200000	200000-260000	240000-300000	300000-360000	360000-460000	460000-560000	560000-680000