

XIMOR[®]

HIGH PRODUCTIVITY EQUIPMENT

BHB & BHC Series

PRODUCT BROCHURE



XMOR[®]

EXPLAINED

HIGH PRODUCTIVITY EQUIPMENT

ONTRAC XMOR[®] Buckets are an engineering masterpiece, giving the industry the advantage of a bucket that is **20% or more productive** than a standard OEM bucket.

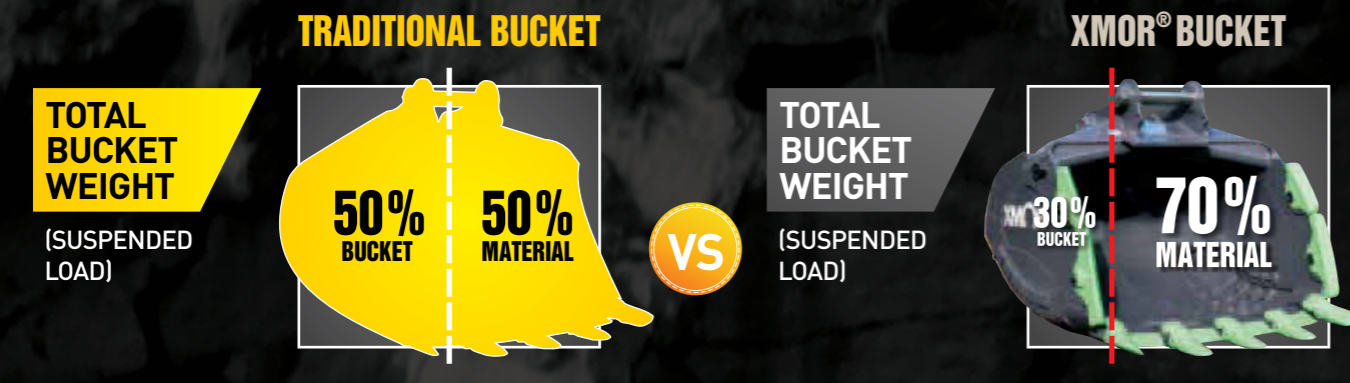
How? The combination of XMOR's State-of-the-Art design and the use of hard wearing, light weight Super-Steels: Hardox[®] 450, Hardox[®] 500 Tuf and Strenx[®] Performance Steel – allows us to build a bigger and lighter weight bucket.

This **15-30% reduction in steel**, means that without increasing the suspended load of an Excavator, a 20% or more increase in productivity can be achieved.

Too good to be true? Oh no, this is your chance to take up the Cutting-Edge Advantage!

The Science behind XMOR[®] is
The Simple EXCHANGE of BUCKET MASS for PAYLOAD
 for the same Total Suspended Load (TSL)

- TSL = Bucket + Payload
- 10t = 5t Bucket + 5t Payload
- 10t = 4t Bucket + 6t Payload
- 10t = 3t Bucket + 7t Payload



*PERCENTAGES ARE HYPOTHETICAL ONLY AND WILL DEPEND ON THE MATERIAL DENSITY.

BENEFITS



REDUCED WEIGHT



LONGER SERVICE LIFE



INCREASED PAYLOAD



HIGHER PRODUCTIVITY



REDUCED MAINTENANCE



SAFETY IN FOCUS



LOWER TOTAL COST OF OWNERSHIP



LESS EMISSIONS



LESS FUEL BURN

MORE WITH LESS WITH XMOR[®]

TONNES TIME TREES



TONNES INCREASED PRODUCTION
 LESS EQUIPMENT



TIME LESS LOAD OUT TIME
 LESS DOWNTIME



TREES LESS FUEL BURN
 LESS CO₂ EMISSIONS

HOW CAN ONTRAC XMOR® BHB SERIES DELIVER MORE IN LESS TIME?

The ONTRAC XMOR® BHB bucket is the ultimate muck mover! The XMOR® BHB Series target softer and lower impact applications where safely squeezing every bit of capacity out of the excavator is the primary aim. A BHB bucket increases your payload by 20% or more without increasing suspended bucket material load. This is equal to a 15-30% reduction of steel in the bucket, when compared to a traditional bucket.

APPLICATIONS:
MED HARD ROCK
OVERBURDEN
LOW IMPACT
LIMESTONE
COAL
CLAY
SAND

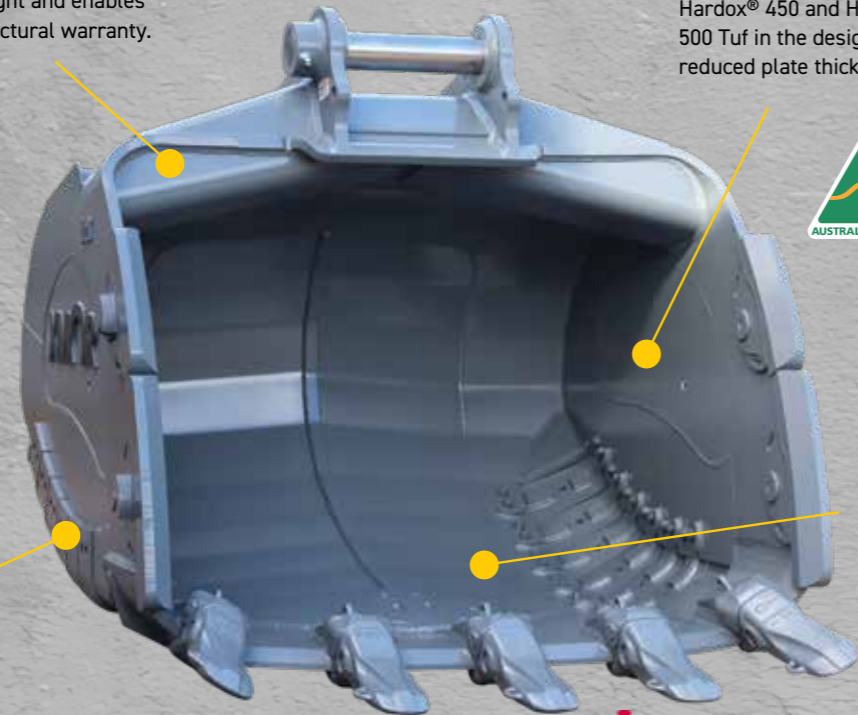
New patent-pending beam design reduces weight and enables structural warranty.

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



Optimised welding parameters and consumables for Hardox® wear plate give high-quality welds.

Less downtime is achieved by replacing traditional weld-on heel shrouds with patented bolt-on heel shrouds.



SPECIFICATIONS:

Class (ton)	Weight Range (ton)	Width Range (mm)	Weight Range (kg)	Capacity Range 2:1 100% BFF (m3)
50	45 - 55	1549 - 1956	1810 - 2056	2.5 - 3.3
60	55 - 64	1600 - 2007	2198 - 2482	3.2 - 4.1
70	64 - 75	1753 - 2159	3000 - 3349	3.8 - 4.8
80	75 - 82	1854 - 2261	3564 - 3964	4.7 - 5.9
90	82 - 91	1956 - 2362	4039 - 4462	5.5 - 6.8
100	91 - 118	2057 - 2464	4577 - 5063	6.3 - 7.7
120	118 - 136	2159 - 2565	5000 - 5518	7.6 - 9.2
150	136 - 150	2350 - 2720	6072 - 7298	10.3 - 12.0

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XMOR® BHC SERIES-DESIGNED FOR HIGH PRODUCTIVITY IN HARDER CONDITIONS

The ONTRAC XMOR® BHC bucket is the BHB's tougher sister! The XMOR® BHC Series target large-size excavators where high productivity and greater strength is required in tough mining conditions. A BHC bucket increases your payload by 15% or more, when compared to a traditional bucket, without increasing suspended bucket material load, and whilst having 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.

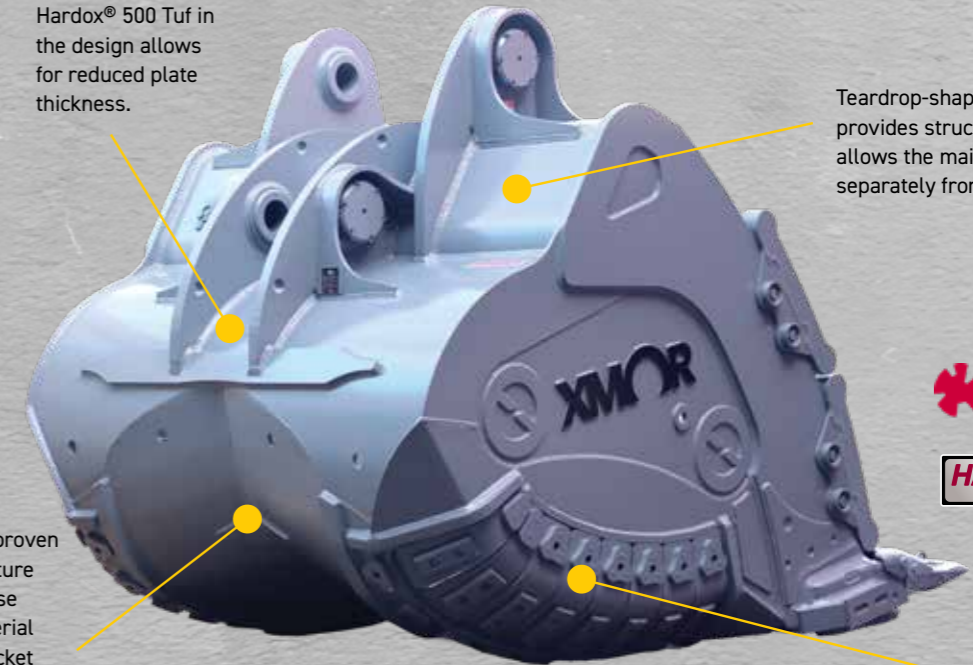
APPLICATIONS:
HIGH IMPACT
HARD ROCK
HIGH WEAR
HORNFELS
GRANITE
BASALT
SAND

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

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

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 and drag.

Being mechanically attached, the bolt-on heel shrouds reduce service maintenance time as well as reduce steel overlap for a lighter bucket.



SPECIFICATIONS:

Class (ton)	Weight Range (ton)	Width Range (mm)	Weight Range (kg)**	Capacity Range 2:1 100% BFF (m3)
60	55 - 64	2051*	3186*	4.0*
70	64 - 75	1960*	4308*	4.5*
80	75 - 82	2088 - 2217	4454 - 4782	5.1 - 5.8
90	82 - 91	2200 - 2318	5341 - 5752	5.7 - 6.6
100	91 - 118	2237 - 2399	6728 - 7209	6.6 - 7.6
120	118 - 136	2348 - 2528	7624 - 8303	7.7 - 9.0
150	136 - 150	2488 - 2624	8486 - 9100	8.9 - 10.2

* New Range: All available sizes not fully developed, please inquire for available sizes to suit your application.
**Weights include lip and wing shroud protection. Note: Special sizes are available on request.

XMOR® ARGUMENT #1

LOTS MORE PRODUCTION from NO MORE MACHINE

XMOR® High Productivity Bucket boasts of a reduction in bucket mass to offset the increase in payload. When optimised with loadout equipment and site material density, **greater production gains can be realised with existing equipment.**

Below is a worked example.

MACHINE

Make: Komatsu
Model: PC1250SP

APPLICATION

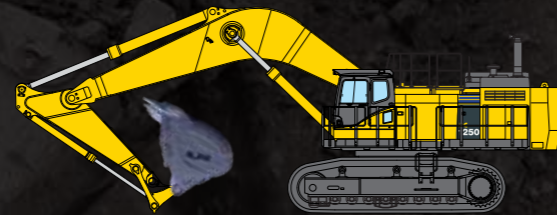
Material: Limestone
Sg: 1,500kg/m³

EXISTING OEM BUCKET

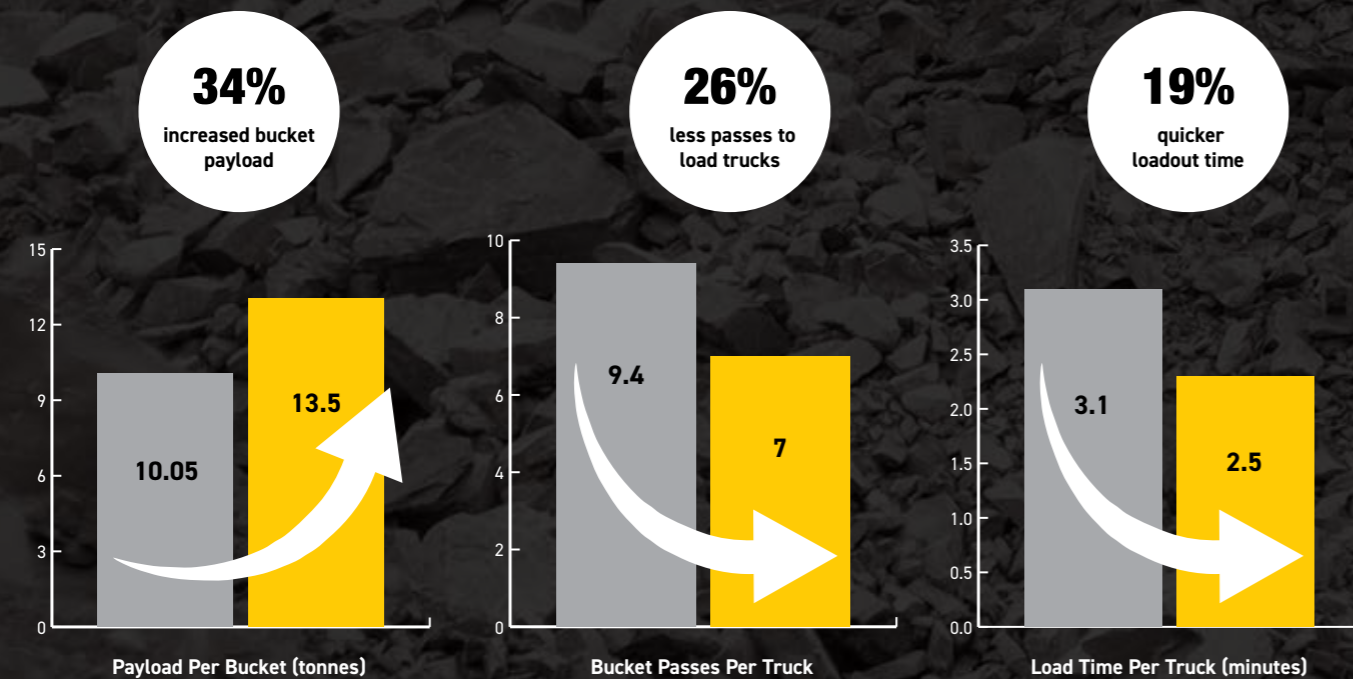
Capacity: 6.7m³
Weight: 7,900kg

ONTRAC BUCKET

Make: XMOR®
Type: BHC120
Capacity: 9.0m³
Weight: 8,050kg



RESULTS OF XMOR® BEFORE & AFTER



● WITHOUT XMOR® ORIGINAL 6.7m³ BUCKET (BEFORE)

● WITH XMOR® BHC 9.0m³ BUCKET (AFTER)

*Based on 3yrs 2,000 hrs/yr operation.

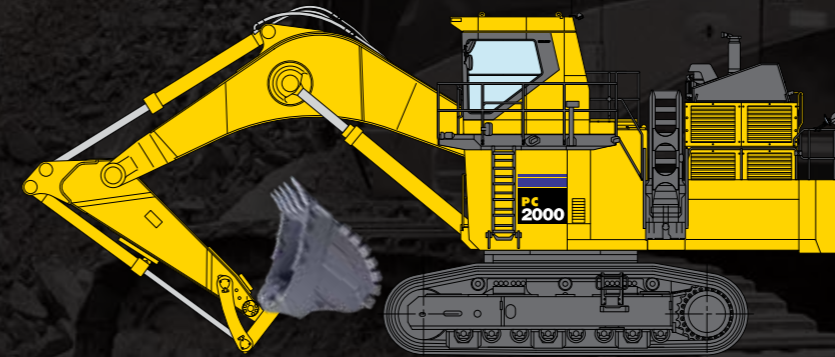
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XMOR® ARGUMENT #2

SAME PRODUCTION – LESS MACHINE (REDUCTION) FOOTPRINT

XMOR® High Productivity Bucket boasts of a reduction in bucket mass to offset the increase in payload. When optimised with loadout equipment and site material density, **the same production gains can be realised with a reduction in existing equipment** offering the advantage of lesser capital outlay, faster operation, less running cost and lower total cost of ownership. This can also be seen as reduction in carbon footprint.

Below is a worked example.



MACHINE #1

Make: Komatsu
Model: PC2000-11

APPLICATION

Material: Limestone
Sg: 1,500kg/m³

OEM BUCKET

Make: Komatsu
Type: Standard Rock Bucket
Capacity: 12m³
Weight: 13,063kg

MACHINE #2

Make: Komatsu
Model: PC1250SP

APPLICATION

Material: Limestone
Sg: 1,500kg/m³

ONTRAC BUCKET

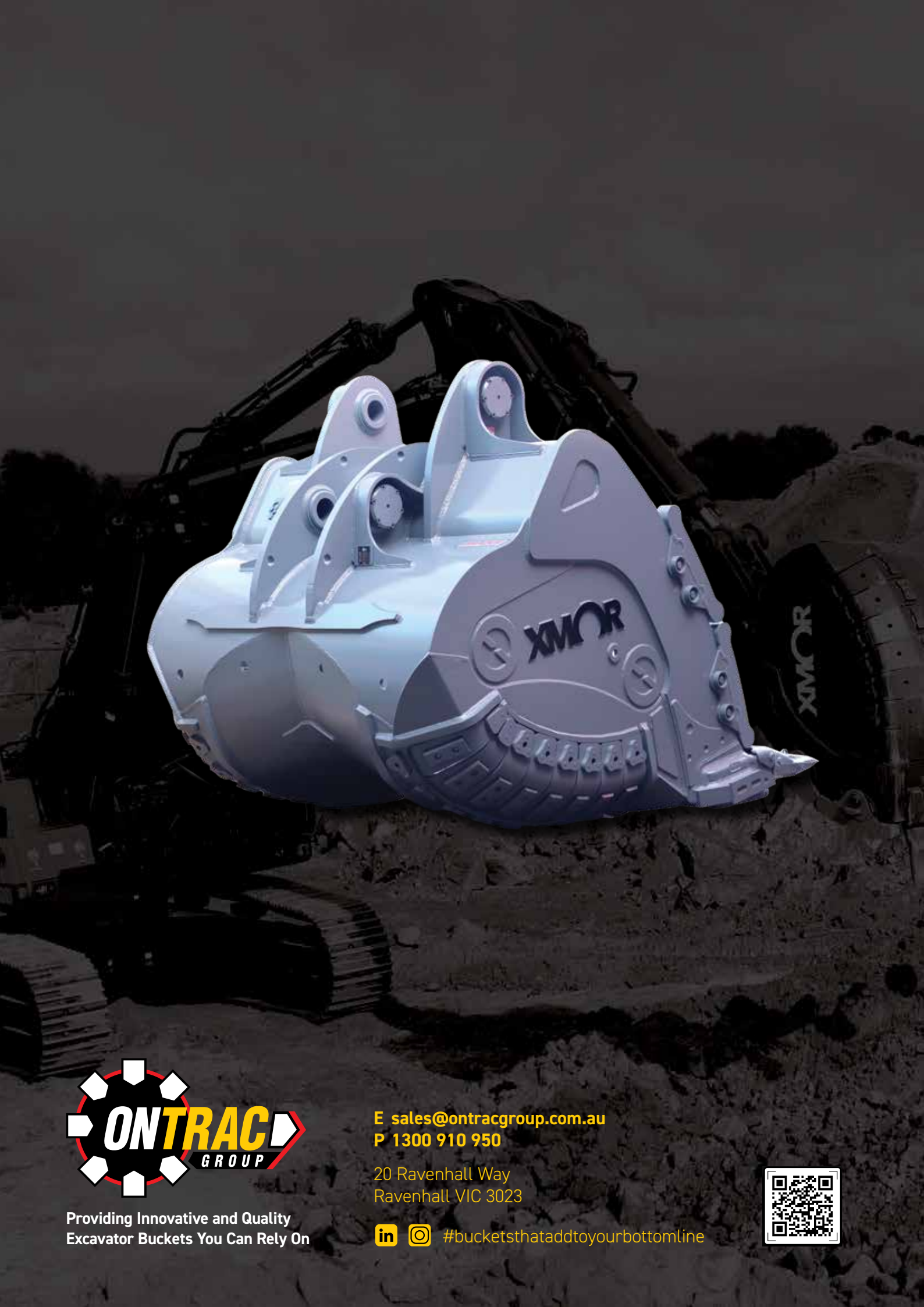
Make: XMOR®
Type: BHC120
Capacity: 10.4m³
Weight: 8,840kg

RESULTS OF UTILISING XMOR®



● Reduced carbon footprint

● Reduction in running costs



Providing Innovative and Quality
Excavator Buckets You Can Rely On

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#bucketsthataddtoyourbottomline

