



ROCK DIGGING BUCKET



Designed & built to withstand the toughest quarry environment digging easier & lasting longer.

eiengineering's advanced design, high-performance Rock Digging Buckets are ideal for quarries & recycling yards, or anywhere hard & abrasive materials create the harshest of working environments. Powerful, durable & tough, the eiengineering Rock Digging Bucket is designed to make rock digging more efficient, cost effective and reduce cycle times. The double radius back plate design, robust *ei80 grade** high strength steel construction and Hardox protection in all the wear areas allows it to withstand the harshest terrains but retain flexibility to resist metal & weld fatigue.

Heavy Duty Wear Plates

Hardox 450 wear plates, cast lip shrouds, side shrouds & heel blocks offer greater durability and provide for easy, cost-effective replacement.

Compact Design

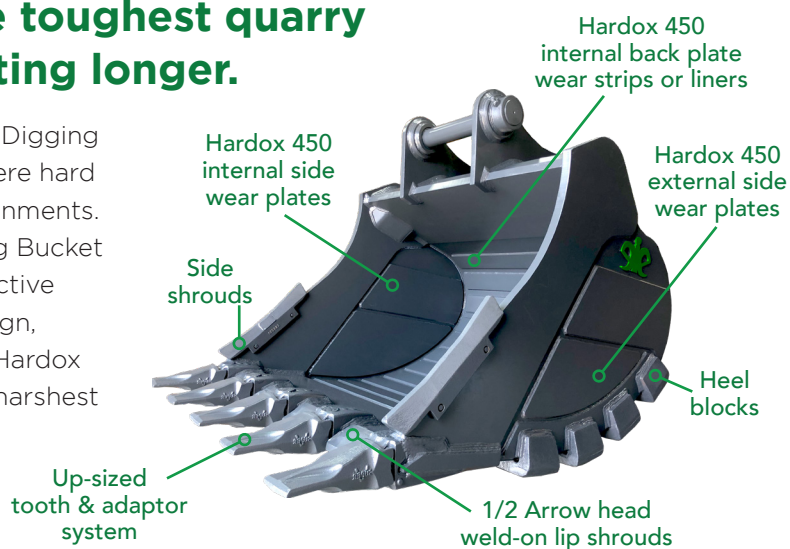
Short pin-to-point** design allows maximum transfer of breakout force & minimises running and maintenance costs.

Earth-Dynamic Design

Increases efficiency of the bucket, allowing it to dig faster and to move more material with every cycle.

* *ei80 grade* high strength steel has a material hardness of 250 – 280 Brinell. It's 3 x stronger & 3 x more abrasion resistant than mild steel 250 grade.

** pin-to-point dimension = the distance between the centre of the front pin of the bucket & the tip of the teeth.



SPECS:

- Included:** Pins, Teeth & Adaptors, Heel Blocks, Shrouds, Side Plate Protection, Inner & Outer Bucket Liners, Arrow Head Edge Protection
- Optional:** Carbide Blocks
- Machine:** 24 to 85 tonne
- Widths:** 1500mm, 1700mm, 1800mm, 2400mm





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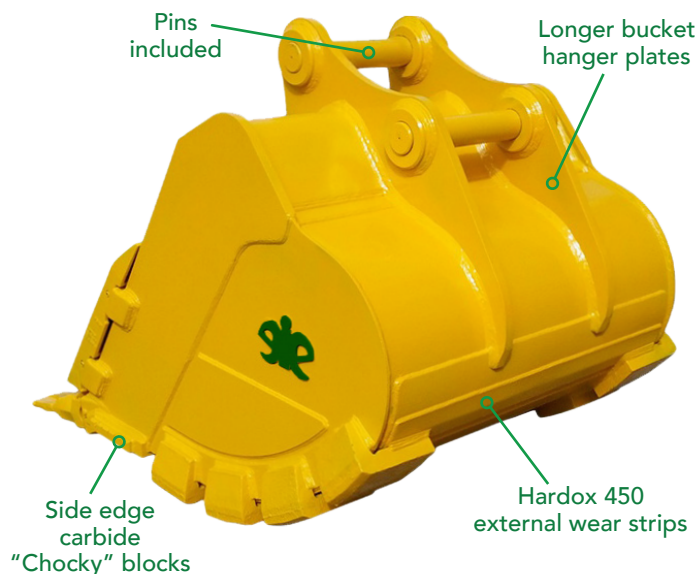
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This Rock Digging Bucket has got the biggest capacity to match the machine. It's great in the material that we work with.

We get the maximum out of each bucket load without overloading the machine.

JOHN CUTHBERTSON
JHC QUARRIES

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| FEATURE | ADVANTAGE | BENEFIT |
|---|--|--|
| Double radius bucket design | Shorter pin to point - more power at the teeth | Easier digging - uses less fuel |
| Splayed bucket teeth | Better tooth penetration - side clearance | Easier digging - uses less fuel |
| Bucket tapered front to back and bottom to top | Keeps the sides of the bucket clear of the trench | Easier digging - uses less fuel |
| Roll formed bucket top box | Extra bucket strength | Less maintenance and replacement costs |
| Longer bucket hanger plates | Extend down around the back plate for more strength and positive power | Less maintenance and replacement costs |
| <i>eie80 grade*</i> high strength steel | 3 times stronger than mild steel 3 times more abrasion resistant | Less maintenance and replacement costs |
| Larger welds | Stronger connections between plates - loner bucket life | Less maintenance and replacement costs |
| Esco teeth fitted as standard | Longer wear life, easy to replace, easy to get | Low cost tooth replacement |
| Replaceable Wear Parts (Inner & Outer wear strips & plates, heel blocks, lip shrouds, side shrouds & carbide blocks) | Designed to protect the bucket body against premature wear | Easy to source Simple replacement Cost effective |

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See our earthmoving attachments in action:



eiengineering
high performance attachments