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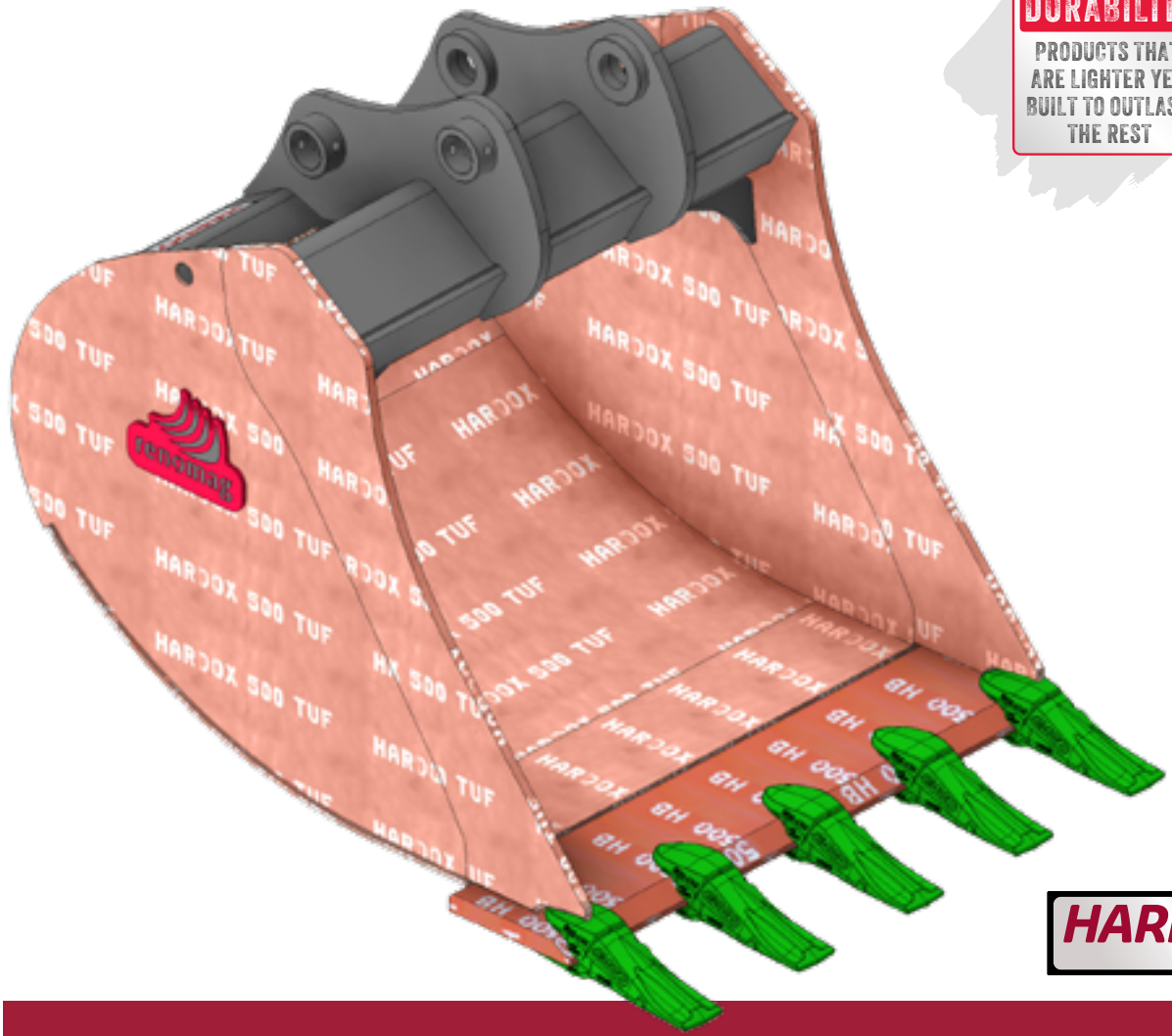
PRODUCTS

# HXG UNIVERSAL BUCKETS

REDEFINING DURABILITY

PRODUCTS THAT ARE LIGHTER YET BUILT TO OUTLAST THE REST



HARDOX® IN MY BODY

## With a product made from HARDOX® 500 TUF

- You load more material
- You extend service life
- A lighter bucket with the same capacity
- You cut fuel consumption

The lightweight HXG bucket is a versatile workhorse for use in environments with easily broken material. Its low weight saves costs in applications such as earthmoving, material loading or feeding a recycling line. It comes into its own when working with rock in excavatability classes 1 to 4 (topsoil, loam, sand, clay, weathered soft limestone or marlstone). The bucket profile is optimised for easy penetration into the material, and the body in Hardox® 500 TUF steel provides high strength, extreme hardness, and guaranteed toughness and service life even in highly abrasive environments.

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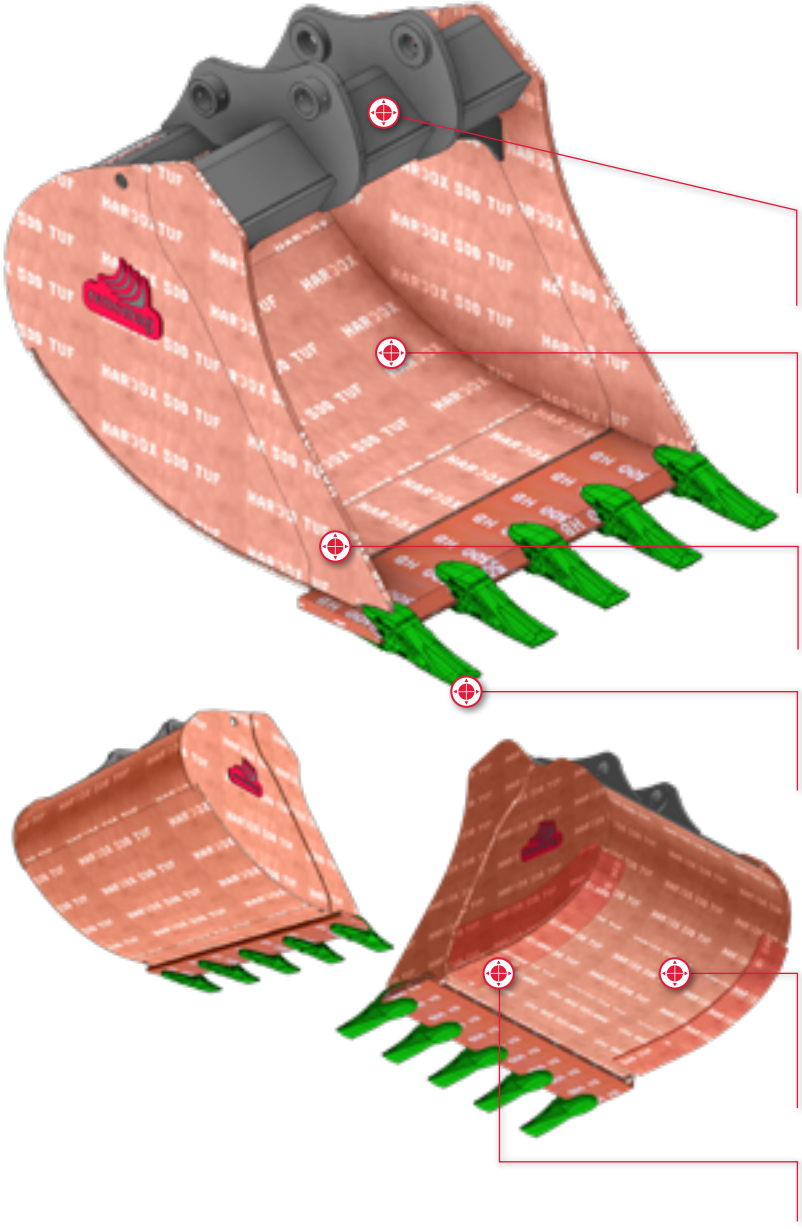
## HXG UNIVERSAL BUCKETS

# KEY FEATURES AND BENEFITS



**A RIGID MOUNTING BRACKET DESIGN**
provides high stiffness and torsional resistance at the critical points where the components meet.

**A DEEP SHAPE**
for greater capacity, and a shorter distance between the pin and the teeth for maximum transfer of digging force.

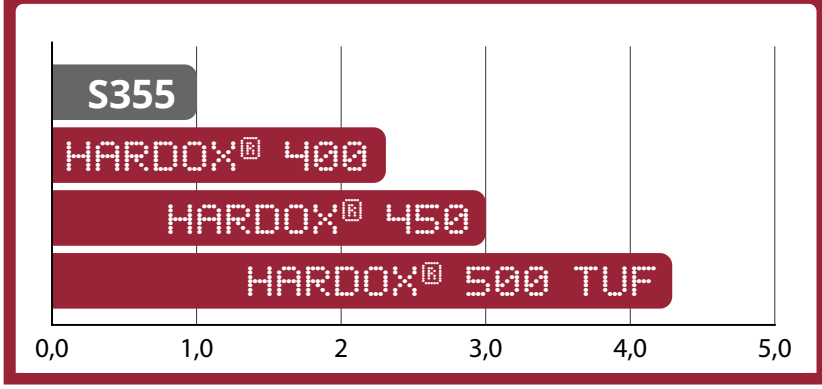
**REINFORCED SIDE PLATES**
made from a single piece give the bucket structural integrity.

**The ESCO® Ultralok™ TOOTH SYSTEM**
with outstanding penetration and an integrated locking pin, delivers optimal digging performance.

**A FLOOR IN HARDOX® 500 TUF WEAR-RESISTANT STEEL** lasts up to 4 times longer than structural steel and also allows the bucket weight to be reduced.

**FLOOR AND SIDE ARMOURING**
for excavators from approx. 20 t upwards.

## CHART: MATERIAL SERVICE LIFE COMPARISON




## HARDOX® 500 TUF IS A REVOLUTIONARY MATERIAL THAT GIVES YOU:

- the option to cut weight and increase capacity, and lower fuel consumption
- more work in less time, high productivity and reduced CO2 emissions
- long service life, excellent strength and lower service costs

The illustrations shown are for reference only; we reserve the right to make changes and improvements.

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## HXG UNIVERSAL BUCKETS

**BUCKETS ARE SUPPLIED WITH A DIRECT PIN-ON MOUNTING OR TO SUIT THE MOST POPULAR QUICK COUPLERS ON THE MARKET.**

| EXCAVATOR WEIGHT (t) | DESIGNATION | BUCKET WIDTH (mm) | NO. OF TEETH | SAE CAPACITY ($m^3$) |
|---|---|---|---|---|
| 10,0–13,9 | B5 400 HXG | 400 | 2 | 0,186 |
| | B5 500 HXG | 500 | 3 | 0,218 |
| | B5 600 HXG | 600 | 3 | 0,284 |
| | B5 800 HXG | 800 | 4 | 0,424 |
| | B5 1000 HXG | 1000 | 4 | 0,569 |
| | B5 1200 HXG | 1200 | 5 | 0,715 |
| 14,0–17,9 | B6 400 HXG | 400 | 2 | 0,210 |
| | B6 500 HXG | 500 | 3 | 0,280 |
| | B6 600 HXG | 600 | 3 | 0,345 |
| | B6 800 HXG | 800 | 4 | 0,515 |
| | B6 1000 HXG | 1000 | 4 | 0,690 |
| | B6 1200 HXG | 1200 | 5 | 0,870 |
| | B6 1400 HXG | 1400 | 5 | 1,045 |
| 18,0–21,9 | B6S 600 HXG | 600 | 3 | 0,430 |
| | B6S 800 HXG | 800 | 3 | 0,645 |
| | B6S 900 HXG | 900 | 4 | 0,760 |
| | B6S 1000 HXG | 1000 | 4 | 0,875 |
| | B6S 1200 HXG | 1200 | 4 | 1,110 |
| | B6S 1400 HXG | 1400 | 5 | 1,350 |
| 20,0–22,9 | B210 600 HXG | 600 | 3 | 0,534 |
| | B210 800 HXG | 800 | 3 | 0,693 |
| | B210 900 HXG | 900 | 4 | 0,812 |
| | B210 1000 HXG | 1000 | 4 | 0,931 |
| | B210 1200 HXG | 1200 | 4 | 1,184 |
| | B210 1400 HXG | 1400 | 5 | 1,427 |
| | B210 1600 HXG | 1600 | 6 | 1,680 |
| 23,0–28,9 | B7 800 HXG | 800 | 3 | 0,685 |
| | B7 1000 HXG | 1000 | 3 | 0,920 |
| | B7 1200 HXG | 1200 | 4 | 1,170 |
| | B7 1400 HXG | 1400 | 4 | 1,415 |
| | B7 1500 HXG | 1500 | 5 | 1,530 |
| | B7 1600 HXG | 1600 | 5 | 1,660 |
| 29,0–38,9 | B7S 800 HXG | 800 | 3 | 0,790 |
| | B7S 1000 HXG | 1000 | 3 | 1,090 |
| | B7S 1200 HXG | 1200 | 4 | 1,390 |
| | B7S 1400 HXG | 1400 | 4 | 1,700 |

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| EXCAVATOR WEIGHT (t) | DESIGNATION | BUCKET WIDTH (mm) | NO. OF TEETH | SAE CAPACITY ($m^3$) |
|---|---|---|---|---|
| 29,0–38,9 | B7S 1500 HXG | 1500 | 4 | 1,850 |
| | B7S 1600 HXG | 1600 | 5 | 2,010 |
| | B7S 1800 HXG | 1800 | 5 | 2,320 |
| | B7S 2000 HXG | 2000 | 6 | 2,630 |
| 39,0–46,9 | B8 900 HXG | 900 | 3 | 1,128 |
| | B8 1000 HXG | 1000 | 3 | 1,308 |
| | B8 1100 HXG | 1100 | 3 | 1,488 |
| | B8 1200 HXG | 1200 | 4 | 1,668 |
| | B8 1400 HXG | 1400 | 4 | 2,040 |
| | B8 1500 HXG | 1500 | 4 | 2,220 |
| | B8 1600 HXG | 1600 | 5 | 2,412 |
| | B8 1700 HXG | 1700 | 5 | 2,598 |
| | B8 1800 HXG | 1800 | 5 | 2,784 |
| | B8 1900 HXG | 1900 | 5 | 2,970 |

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# WHY CHOOSE A RENOMAG BUCKET?

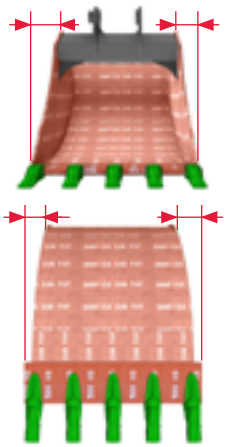
REDEFINING DURABILITY HXG

## MAXIMUM BREAKOUT FORCE

An optimised deep bucket body shape for a 100% fill factor, with a radius that minimises the distance from the teeth to the mounting bracket for maximum transfer of digging force.

## EASY LOADING AND DUMPING

The double floor radius eases penetration through the material, speeds up the fill and dump cycle and significantly improves the wear resistance of the bucket floor.



## FAST WORK CYCLE

The body tapering from the cutting edge towards the mounting bracket, and the floor tapering from the cutting edge to the rear, increase productivity, minimise resistance when penetrating the ground, cut machine fuel consumption and abrasive wear, and speed up excavation and material handling.

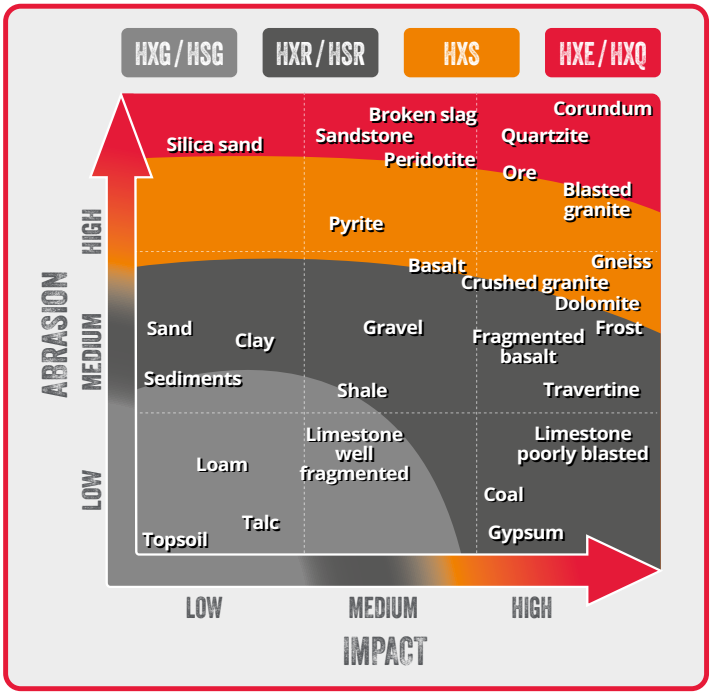
## OUTSTANDING PENETRATION AND VERSATILITY

Our preferred choice is the ESCO® Ultralok® tooth system, with excellent penetration and service life. It is advanced and cost-effective, and answers users' needs when the machine works in varied conditions.

## HARDOX® IN MY BODY DURABILITY

Anyone can buy a bucket with the Hardox® In My Body certificate, but only a select few can manufacture one. The Hardox® In My Body trademark on a product proves it is made from genuine Hardox® material and marks it out as a first-class product with outstanding toughness and endurance.

# WHICH RENOMAG BUCKET SUITS YOU BEST?




**HSG** UNIVERSAL BUCKETS
**HSR** REINFORCED BUCKETS

An entry-level bucket range combining wear-resistant and high-strength materials, suitable for standard to more demanding applications. **These reliable, high-value and affordable products** prove their worth wherever higher strength and resistance to dynamic loading are called for.

**HXG** UNIVERSAL BUCKETS
**HXR** REINFORCED BUCKETS
**HXS** ROCK BUCKETS
**HXE** EXTREME ROCK BUCKETS
**HXQ** MINING BUCKETS

**Top-tier products made from the finest materials,** delivering users a high return on their investment.

HARDOX® IN MY BODY

Outstanding service life. The reduced weight allows more material to be loaded, saves fuel and lowers $CO_2$ emissions.
**Hardox® In My Body certification** is your guarantee of quality, reliability, durability and reduced service costs.

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