

PRO+ SERIES BUCKETS

PRO+

ULTRA PRODUCTION SERIES



MADE WITH

**HARDOX®
500 TUF**





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Next-Generation Production. Maximum Payload Per Pass.

Welcome to a new class of high-capacity production buckets engineered to move more material—faster—without compromising durability.

HD PRO+ Ultra Production Buckets are built for contractors focused on mass material moving and high-production truck loading.

By utilizing Hardox® 500 Tuf steel, PRO+ buckets are 15–20% lighter than conventional high-capacity designs, allowing operators to move up to 30% more material per pass, without upsizing your excavator.



Built Stronger. Built Lighter. Built to Move More.

AMI PRO+ Series Ultra Capacity buckets are engineered to fully leverage your excavator's capability:

- Matched to machine size and lift capacity
- Optimized geometry for fast digging and loading
- Higher bucket volume through reduced suspended load
- HARDOX® 500 TUF throughout for excellent wear life

The result is an ultra production bucket that cycles faster, fills better, and moves more material per hour—job after job.



15^{TO} 20[%] LIGHTER

**THAN CONVENTIONAL HIGH
CAPACITY BUCKETS THANKS
TO HARDOX® 500 TUF STEEL**

By increasing payload while maintaining strength and durability, AMI PRO+ Series Ultra Capacity buckets help contractors achieve:

- Lower fuel consumption per tonne
- Faster material movement
- Improved return on machine investment

MOVE UP TO 30[%] MORE MATERIAL PER PASS

REDUCED CYCLE COUNTS

The Hardox® 500 Tuf Advantage

At the core of the HD PRO+ bucket is one of the most advanced wear steels available today.

- Exceptional strength-to-weight ratio compared to AR 400 and AR 450 steel
- Outstanding impact and abrasion resistance
- The ability to use thinner plate without compromising structural integrity
- Superior resistance to cracking, deformation, and premature wear



15–20% Weight Reduction = More Payload

Thanks to Hardox 500 Tuf, Pro+ buckets are built lighter while maintaining durability, unlocking ultra production performance on the jobsite through:

- More usable bucket volume
- Higher material payload per pass
- Improved excavator efficiency
- Reduced stress on boom, stick, and hydraulics



MADE WITH

HARDOX® 500 TUF



Frame 4 shows maximum steel deflection from 22,000 ft-lbs of energy impacting the PRO+ bucket, captured at 120 frames per second.

Hardox® 500 Tuf Hits the Mark

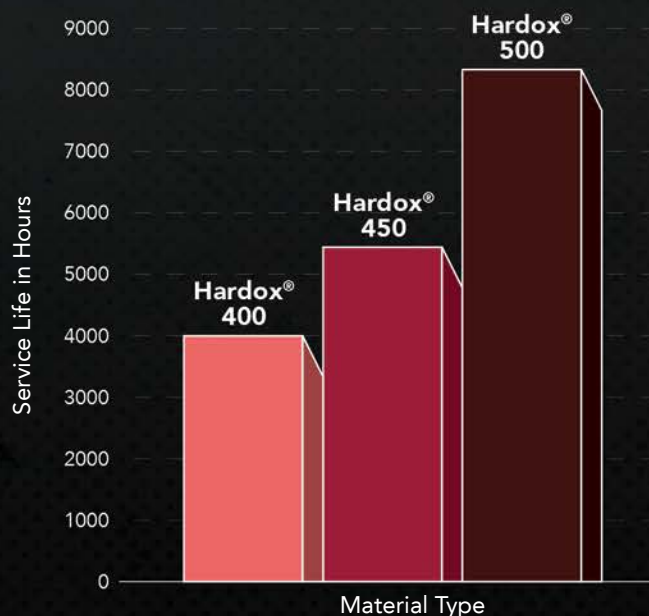
For the PRO+ Series to achieve up to 30% greater capacity, we needed a steel that was lighter yet just as durable. Hardox® 500 Tuf not only resists wear, it also has toughness - the ability to absorb impact without breaking. But could it withstand the demands of hard hitting impact? That's exactly what we set out to prove.

By swinging a 2,200-pound wrecking ball from 10-feet high directly into the most vulnerable spot of the PRO+, Hardox® 500 Tuf was put to the test.

After being hit with 22,000 ft-lbs of energy, the PRO+ bucket held strong with only a minor dent and performed better than it's thicker dimension predecessor.

PRO+ Series buckets with Hardox® 500 Tuf are proven to be just as durable while maximizing payload for next generation productivity.

Tough: The ability to absorb impact without breaking.



*Source: SSAB WearCalc, showing sliding wear on the same thickness plate.

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Features & Benefits



Smooth Outer Shell

By eliminating the need for heavy wear bars, PRO+ Series buckets are lighter weight and reduce drag for efficient breakout of material.



Optimized Digging Profile

With a forward edge position, PRO+ Series buckets penetrate material naturally with less bucket curl required. PRO+ offers better visibility to the operator and fills faster by pulling through material easier.



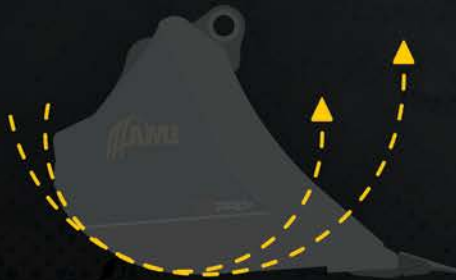
Improved Fill Factor

PRO+'s profile is capable of holding over 100% fill factor, depending on material.



Lugging Made with Strenx® steel

Stress and strain across the lugging is handled through high tensile Strenx® performance steel that flexes without cracking.



Speed Load Dual Radius

The dual radius shell in combination with the forward edge position allows the bucket to fill quicker, increasing dig cycle times and reducing partial bucket loads. When curling the bucket the dual radius improves heel clearance saving unnecessary exterior wear.



Low Resistance Tapered Sidewalls

The tapered design improves side wall clearance for less digging resistance and reduced side wear, reducing friction at discharge.

Heavy Duty PRO+ Series

Optional mechanically attached sidebar protectors | Available with any type of GET tooth systems and tooth configuration



300 HD PRO+

Tip Radius (in)	Depth (in)
77	85

Width (in)	Weight (lbs)	Cap. (yd ³)	Tooth	Spade Tooth
59	3830	3.2	6	7
66	4065	3.59	6	7
72	4275	4.0	7	8



400 HD PRO+

Tip Radius (in)	Depth (in)
86	96

Width (in)	Weight (lbs)	Cap. (yd ³)	Tooth	Spade Tooth
61	4860	4.0	6	7
66	5139	4.45	7	8
74	5485	5.0	7	8
80	5725	5.5	7	9
86	6065	6.0	7	10

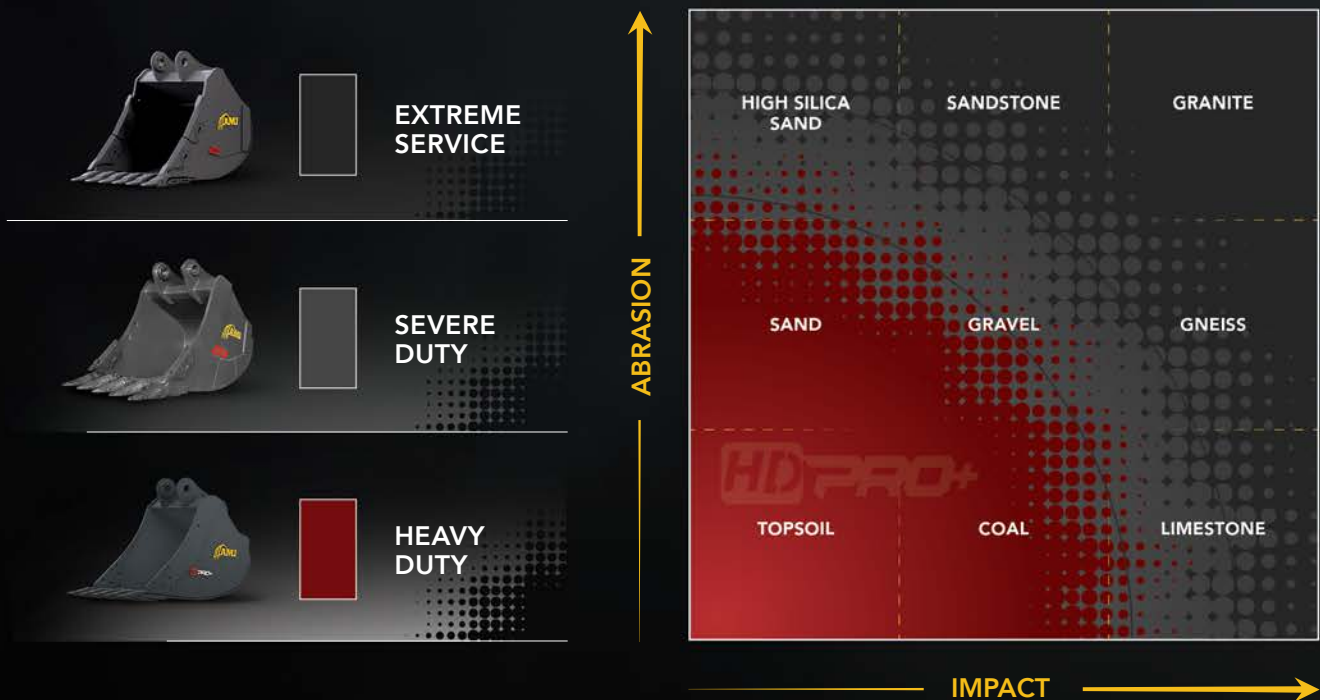


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Bucket Selection Guide By Material Application



Authorized Dealer



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www.amiattachments.com

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