

CHANGWOON INDUSTRY HARDOX BUCKET



We provide high-quality buckets optimized for your working environment.



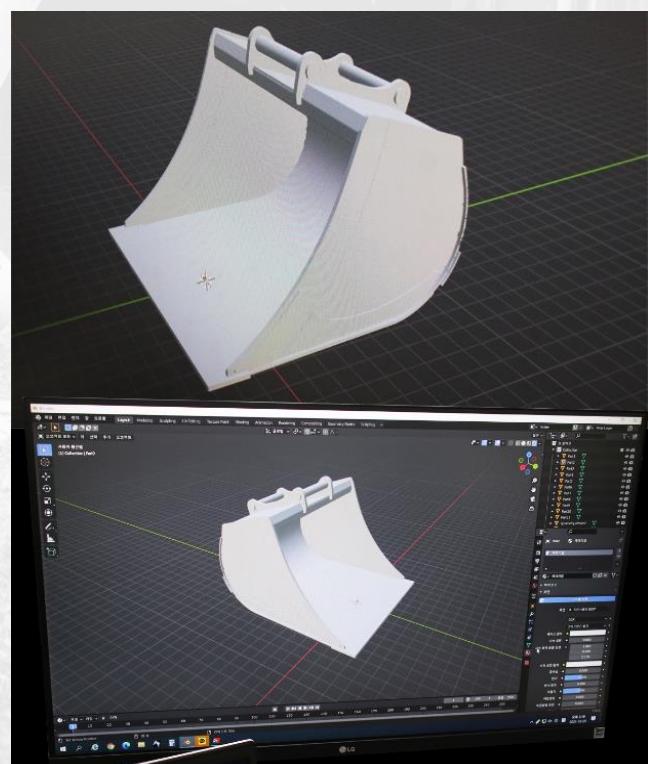
High quality

Our goal is to develop new products constantly and maintain high quality in order to provide high-quality buckets for workers all around the world. We adhere to our principle of designing the entire development processes to guarantee quality and produce highly durable products. The sophisticated lines and thin materials of our products reduce weight, and they are made of high-quality steel plates to make them several times stronger than other general buckets. Our products boast of outstanding performance especially in severe working environments.



Excellent product

We are making efforts to develop unique designs fulfilling customers' needs, taking user convenience into account. We make premium buckets that are outstanding in many different aspects without any unnecessary decorations based on our patented structure and design that guarantee usability and functionality. Our economical buckets whose design minimizes the burden on excavators not only minimize maintenance costs but also increase the amount of work accomplished based on user convenience.



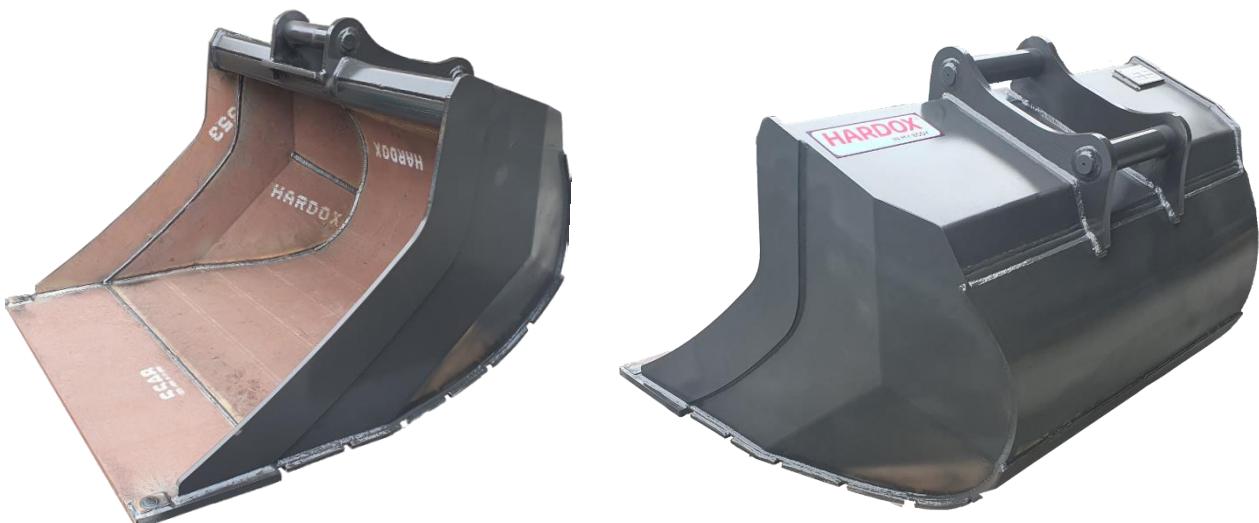


HARDOX IN MY BODY CERTIFICATION

Changwoon Industry is leading the high-quality bucket market, having been fully certified as a Hardox bucket manufacturer for the first time in Korea. After years of hard work to develop high-quality products, we were able to make Korea's first Hardox In My Body-certified bucket, gaining recognition from SSAB.

Being a Hardox In My Body-certified manufacturer means that we are capable of producing Korea's best-quality buckets with the support of the product manufacturing technology of Hardox steel plates from SSAB by maintaining at least 90% of Hardox products and satisfying their strict quality and technology standards.

We could create an environment for producing high-quality buckets by applying our bucket manufacturing technology and process to thick plates made based on the technology of the world's best steel company. We make buckets with premium steel boasting excellent wear resistance and impact strength in order to reduce weight, enhance performance, and increase the measurement unit cubic meter of the bucket for work efficiency. You can use our buckets in any working environment for a long period of time.



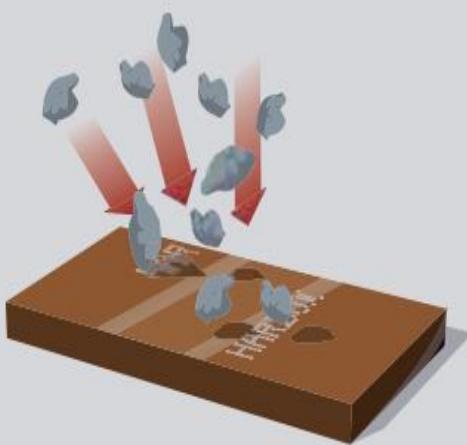
The best, for the best

Strengths of Hardox steel plates

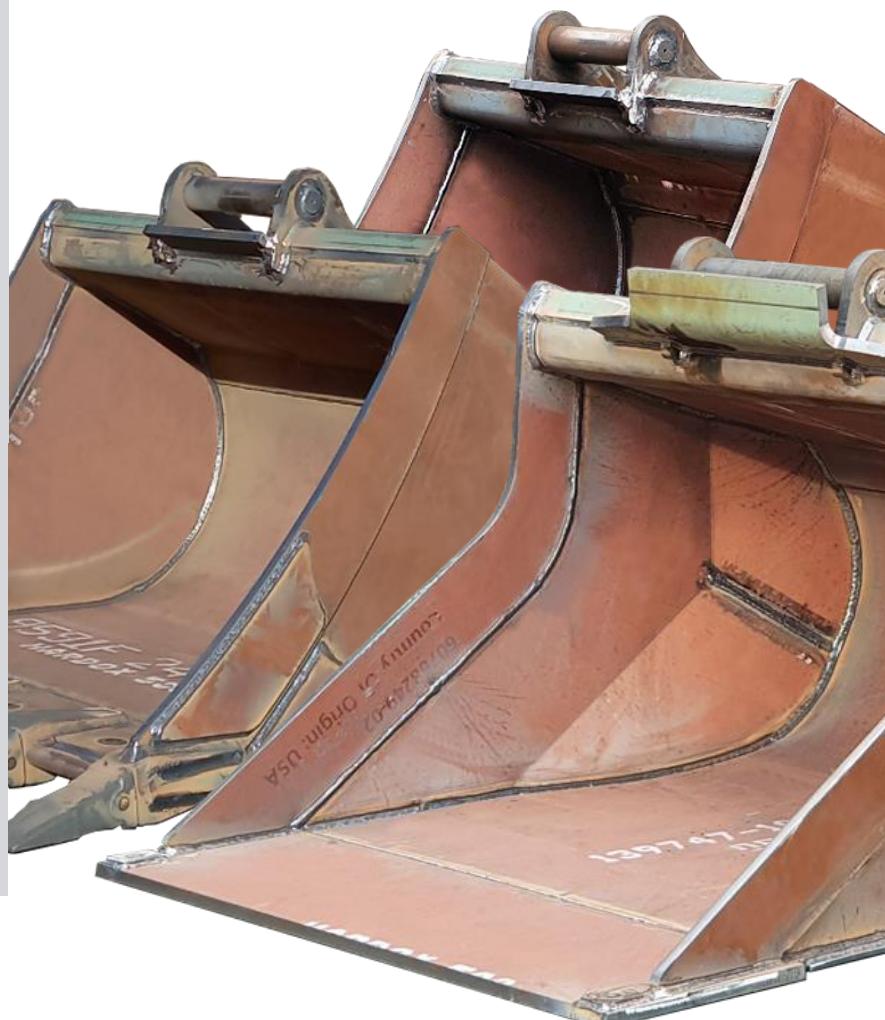
The hardness of Hardox steel materials contributes to matchless wear resistance and structural strength.

The outstanding hardness helps prevent the sharp edge of an object causing friction from penetrating into the surface of the material, which contributes to the excellent wear resistance of steel plates.

In other words, hardness is directly related to high yield strength and tensile strength. It helps the shape of the structure remain the same without any deformations for a long period of time.



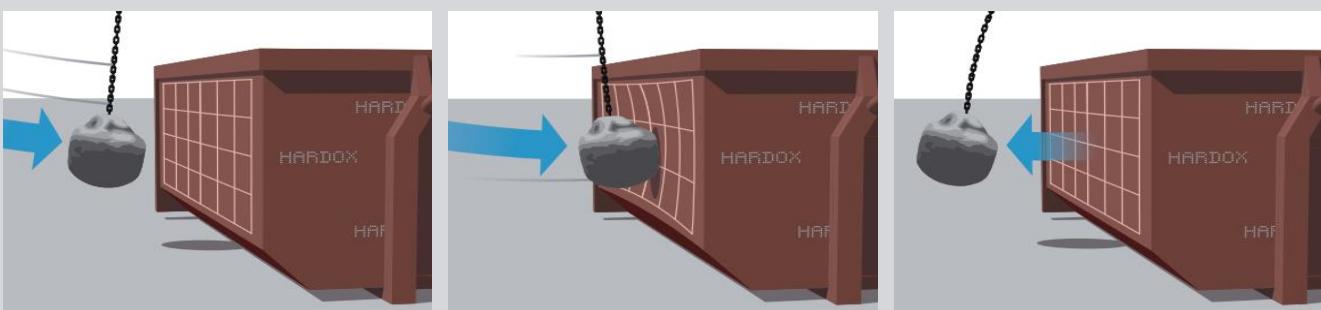
Hardox steel, which is stronger and thinner than general steel, allows us to make products with perfect capacity-weight ratio by contributing to reducing weight significantly for the same capacity. The lighter weight than preexisting products increases the loading capacity, which enhances usability considerably. Since it can reduce the number of loading times and save fuel without compromising strength and performance and it boasts of long durable years, it guarantees outstanding economic feasibility.





Strengths of Hardox steel plates

The excellent toughness of Hardox steel materials can enhance bendability, formability, and weldability. Hardox steel materials show outstanding crack resistance when receiving stress exceeding the yielding point or deformation (e.g., when shocked with a heavy rock for processing at a workshop or a site). Although local cracks are generated by a huge heavy object, the shock spreads over the entire steel plate, which shows resistance to crack spread.





Economic effects of All Hardox Bucket

1_Lower maintenance costs

Since the materials of the bucket have outstanding strength, hardness, toughness, wear resistance, and crack resistance, you can use the product with minimal repair work for a long period of time, which reduces the bucket repair costs. The light weight of the product does not put a burden on excavators and links; hence the lower maintenance costs.

2_Outstanding usability

Since the bucket is light, you can extend the excavator further and load a larger amount. As a result, more outstanding usability is guaranteed compared to other equipment at a site. The bucket is strong and light with long life and high loading capacity, which achieves the maximum loading capacity per same time unit.

3_Lower fuel costs

All Hardox Bucket made of strong, thin steel plates reduces the bucket weight and saves on fuel costs. You can obtain economic effects with our product

4_High resale value

Hardox is one of the most recognized abrasion-resistant plate brands in the world. Buckets marked with Hardox In My Body have high resale value based on its worldwide recognition and multifaceted quality guarantee for durability and performance, which guarantees economic feasibility, eco-friendliness, and sustainability.



UPGRADING BUCKETS TO HARDOX® 500



Reduced weight

14%

High strength and toughness

400%

Extended durable years

14%

High capacity

5%

Lower fuel costs

15%

Hydraulic system

Reduce maintenance costs



How to use all Hardox Bucket certificaton signs

Signs with QR code will better fight counterfeit, and they are connected to the SSAB webpage with a unique website link.

1

The sign includes the following:

R Code



Sign ID



Pin code



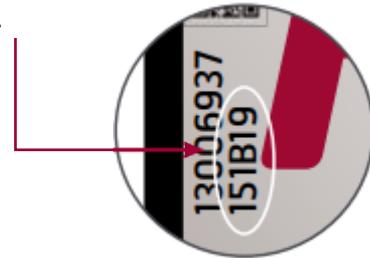
2

Scan the QR code with a QR reader.



3

The website for verifying your sign will open.



4

You will immediately receive a verification of your sign.



You will be able to trace only the serial number (Sign ID) by sending it to hardoxinmybody@ssab.com. For more information, visit www.hardoxinmybody.com.



BAND



blog



YouTube



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