



# BUCKETS

**Extreme Service Buckets  
for Extreme Conditions.**

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Head section custom designed and built to ensure ultimate strength and toughness.

3D CAD Design used to maximise load performance.

SSAB Swedish steel used throughout to offer maximum durability whilst keeping weight to a minimum.

A range of GET systems and wear packages available dependent on customer preferences and application.

**Manufacture – HSM has a manufacturing facility of 15.000 sq. ft based in UK for the manufacture, assembly and testing of construction, mining and quarrying buckets.**

In order to meet and exceed customer's expectations, HSM performs a thorough in-house quality assurance and inspections that ensure accurate standards through the whole production process and improving part-to-part repeatability.

The long-standing successful business relationships with OEM customers are a testimony to the value HSM add as one of the industry leaders.

HSM strives to continuously improve and expand its manufacturing facilities and know-how to provide customers the best in-class service.



## DESIGN

Starting with design engineering and following through with final product manufacturing, the Engineering Team performs ongoing verification of the processes and stages to ensure full compliance with specifications. HSM Engineering Team constantly interacts with Group Engineering and R&D departments as well as with suppliers' Engineering Teams, aiming to a high-class quality product line and continual process improvement. HSM Engineering Team works with customers to bring their product visions to life quickly and profitably.



## REPAIR

HSM Offer a complete bucket repair service for all sizes and types of buckets, for both excavators and loading shovels. The materials in the bucket repairs either match or exceed the quality of the original bucket and HSM guarantees a fast turn around to avoid machine downtime.



## EXCAVATOR BUCKETS

HSM Manufactures standard, heavy duty and extreme excavator buckets for use in a range of applications. HSM's excavator buckets are designed to customer requirements so can be custom built using different GET systems, material, digging profile and head fitment.



## LOADER BUCKETS

HSM's tailor made, quality loader buckets are designed to match the required application and utilise HSM's technical knowledge and expertise to ensure they are built to maximise load capacities. HSM can offer standard and hi-tip loader buckets.



## FACE SHOVEL BUCKETS

HSM has in-house capabilities to manufacture mining face shovel buckets and has designed and built buckets for the largest face shovel excavators operating in the world, including the Komatsu PC8000, PC5500, Hitachi EX5600 and EX3600.



## MINING BUCKETS

HSM Produces some of the finest mining and quarrying attachments for some of the harshest environments on the planet. The attachments produced far outlast their rivals, using Swedish Steel Hardox 450 and 500 for impact resistance and chromium carbide for abrasion.



## ROCK BUCKETS

HSM Manufacture hard wearing, long lasting Rock Buckets created from Hardox Swedish Steel. This ensures they have an extended ability to handle abrasive and typically difficult materials. HSM's technical expertise and experience in the manufacturing of Buckets ensure their ability to produce these buckets for a range of extreme applications.



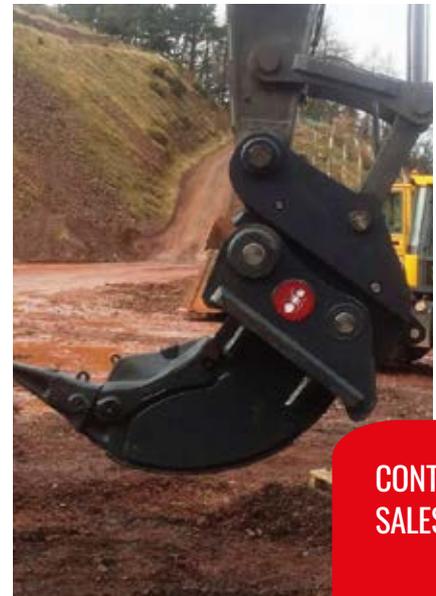
## DREDGING BUCKETS

HSM Builds bespoke dredging buckets with a wide range of customers around the globe. Designed specifically for each excavator by HSM's in-house design specialists, each bucket is constructed by hand from high-quality Hardox Steels. Designed and built to withstand some of the harshest conditions found in the marine environment, the design team from HSM spend time consulting with the end user to design the best solution to meet the requirements.



## PULVERISERS

HSM's mechanical pulverisers are used in some of the UK's hardest demolition applications and have an excellent reputation for their strength and durability. HSM Designs and manufactures pulverisers to our customers specifications, ensuring they are designed for their specific application.



## RIPPER ATTACHMENTS

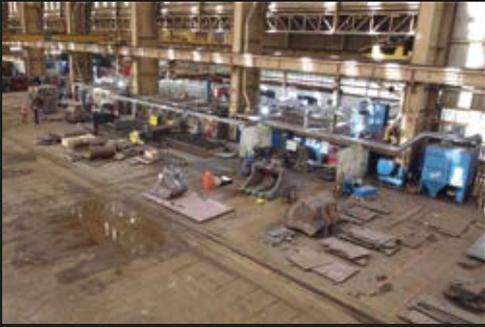
HSM can build heavy duty ripper attachments for work in tough wearing conditions. Rippers can be fitted with a range of ground engaging tools depending on customer preference and application. HSM work with customers to ensure the final product is exactly what they require.

**CONTACT OUR  
SALES TEAM TODAY**

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## Pallion is one of largest manufacturing halls in the region on the site of the former William Doxfords ship yard.

Utilising two fifty tonne overhead cranes, giving a combined one hundred tonne lifting capacity for some of the largest buckets and face shovels. HSM have one of the largest Oxy Gas/ Plasma profiling machines in the region. HSM's facilities also contain their own paint bay, welding bays and various other smaller capacity cranes for the manufacture of buckets.



### HSM uses SSAB Hardox steel in all extreme and super extreme duty buckets and on tailor made buckets following the customers needs.

Hardox steel grants an exceptional mixture of hardness and strength leading to lighter products, abrasion resistance and with enhanced performance and extended durability. HSM products include different grades of Hardox steel as well as plate thickness selected according to customers lifespan expectations and HSM engineering team choice.

### HSM Manufactures high quality buckets and attachments designed to suit customers specific requirements and applications.

HSM Manufactures high quality buckets and attachments designed to suit customers specific requirements and applications. All buckets are manufactured in our own British fabrication workshops and are designed to work in the world's toughest environments. A custom suite of bucket teeth and wear packages can be added to the buckets to suit the needs of the intended use.

HSM Design and build buckets to our customers exacting specifications using the latest in 3d modelling and design technology. This ensures HSM can provide bespoke bucket solutions from small scale Backhoes to large Face Shovels and Loaders that are individual to our customers and their machines.

## WHY HARDOX IN MY BODY?

- EXTENDED LIFESPAN
- REDUCED OVERALL BUCKET WEIGHT
- EXTREME ABRASION RESISTANCE
- DECREASED INNER AND OUTER FRICTION/ABRASION
- SUPERIOR WEAR RESISTANCE

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