



WEIR

ESCO

Hoe Buckets
For Mining Class Excavators

ESCO® mining class hoe buckets

From loading loose material to extreme rock conditions, ESCO Mining Hoe Buckets are designed to deliver unsurpassed performance and durability. Our buckets are custom engineered to match the required capacity and duty cycle for each application. Choose from standard or fully customized wear packages.

ESCO mining hoe buckets are performing at hundreds of locations on 6 continents. A proven performer that keeps machines operating with excellent reliability and significantly less maintenance.



Enhanced productivity

- Optimized payload by engineering to site material density while striking a balance between maintenance requirements versus capacity
- Increased machine availability using high-strength steel fabricated to exacting specifications to reduce the chance of unplanned maintenance
- Industry-leading Nemisys® lip system and G.E.T. provides unmatched reliability and service life with maximum weight efficiency

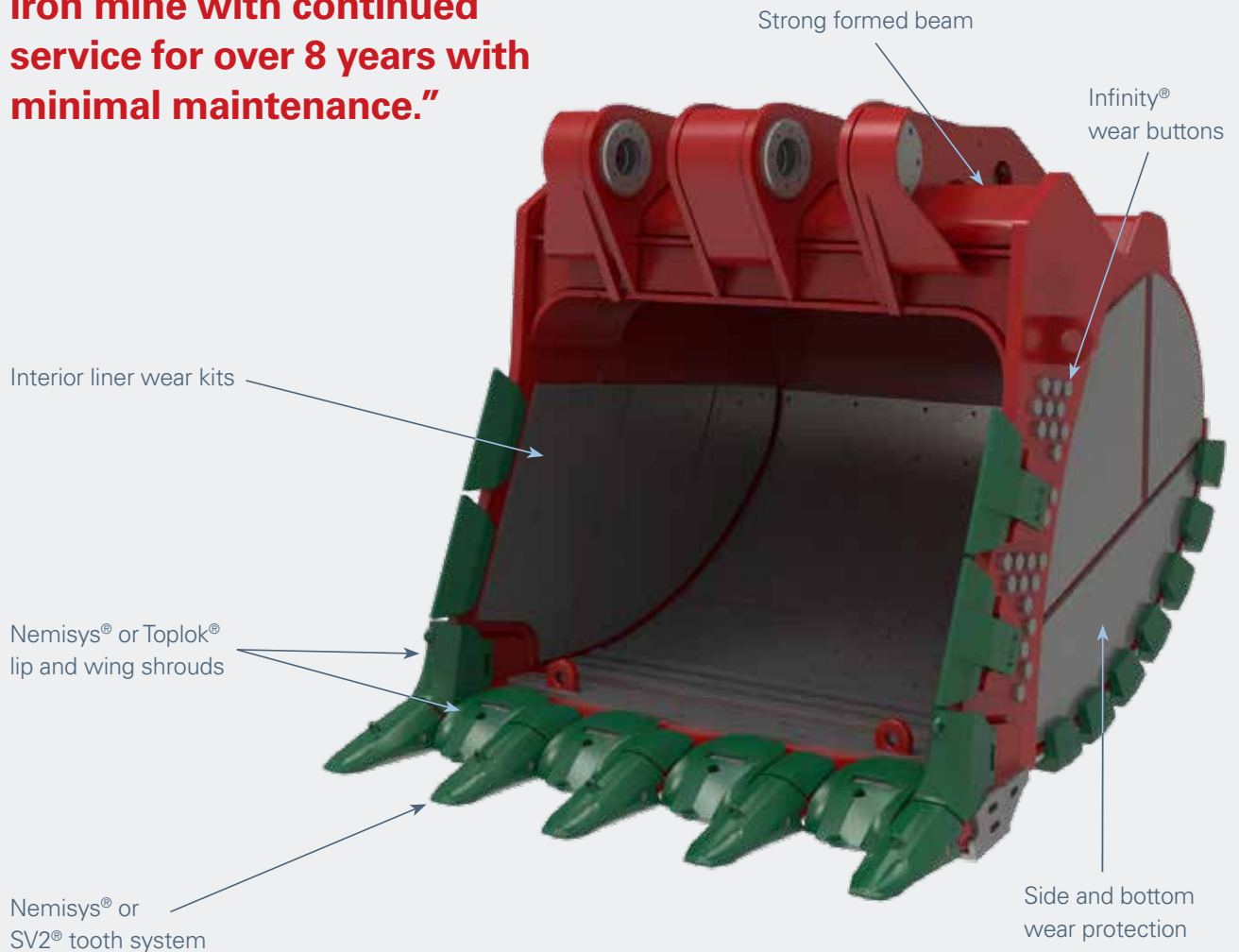
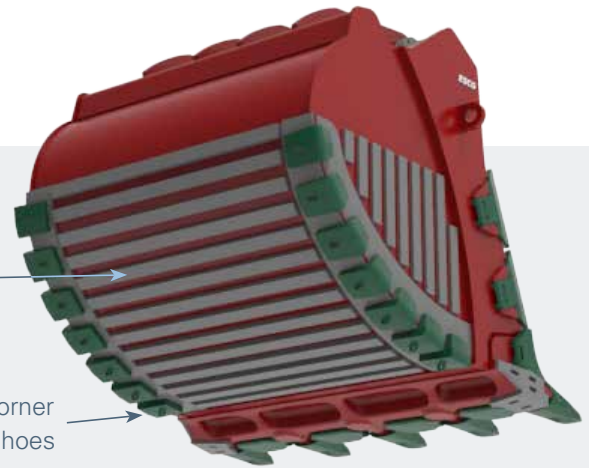
Reduced maintenance

- Enhanced beam shapes, configuration and weld-joint design using advanced finite element analysis (FEA) tools distributes operational stresses for increased durability
- Lower maintenance costs by site-tailored wear protection proven to lower G.E.T cost of ownership over competitive systems
- Fewer and faster wear parts replacement with the reliable Nemisys® G.E.T. that maximizes wear metal utilization with ESCO premium alloys and easy-to-use integral hammerless locks

Providing exceptional customer value

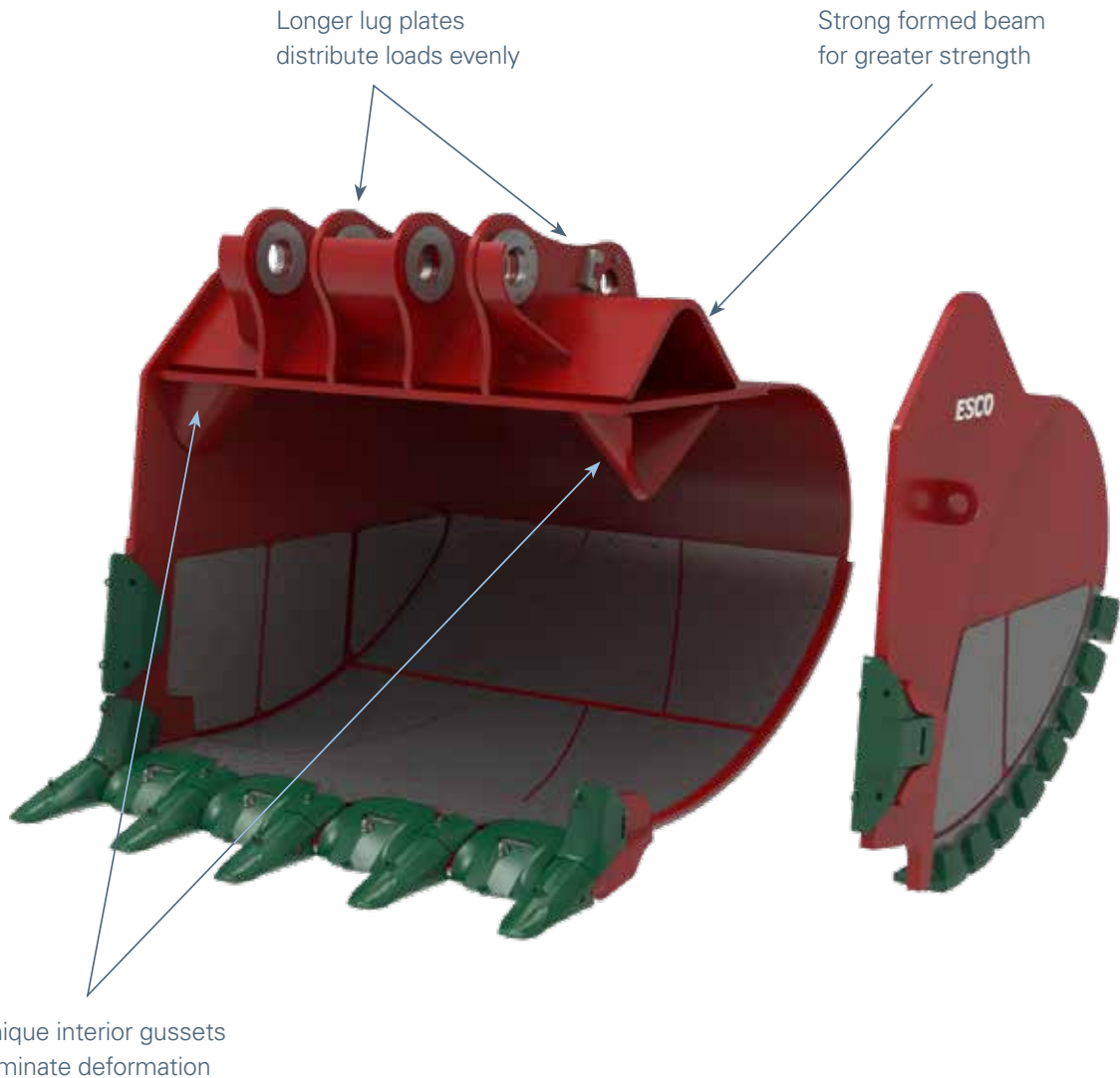
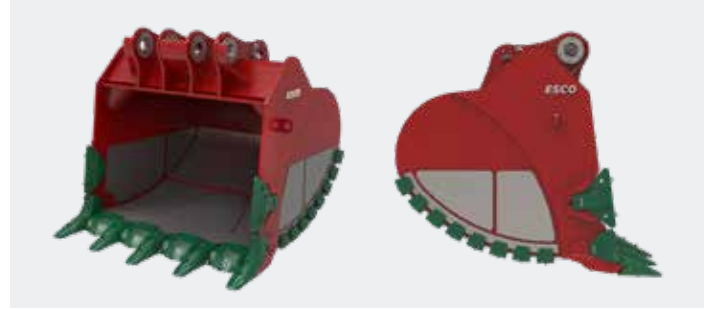
Tailored options to match the application

“An ESCO XDPM mining hoe bucket has provided a major iron mine with continued service for over 8 years with minimal maintenance.”



ESCO® HDPM mining class hoe bucket

ESCO HDPM buckets were developed as an economically viable product for tough mining applications – reducing customer investment while still providing excellent performance. The single beam configuration is reinforced with unique interior gussets and longer lug plates that provide optimum strength to eliminate deformation in demanding mining applications. Corner gussets reduce stresses in the transition from the beam to the side stiffener. The result is a bucket that provides excellent productivity and reliability in most mining applications.



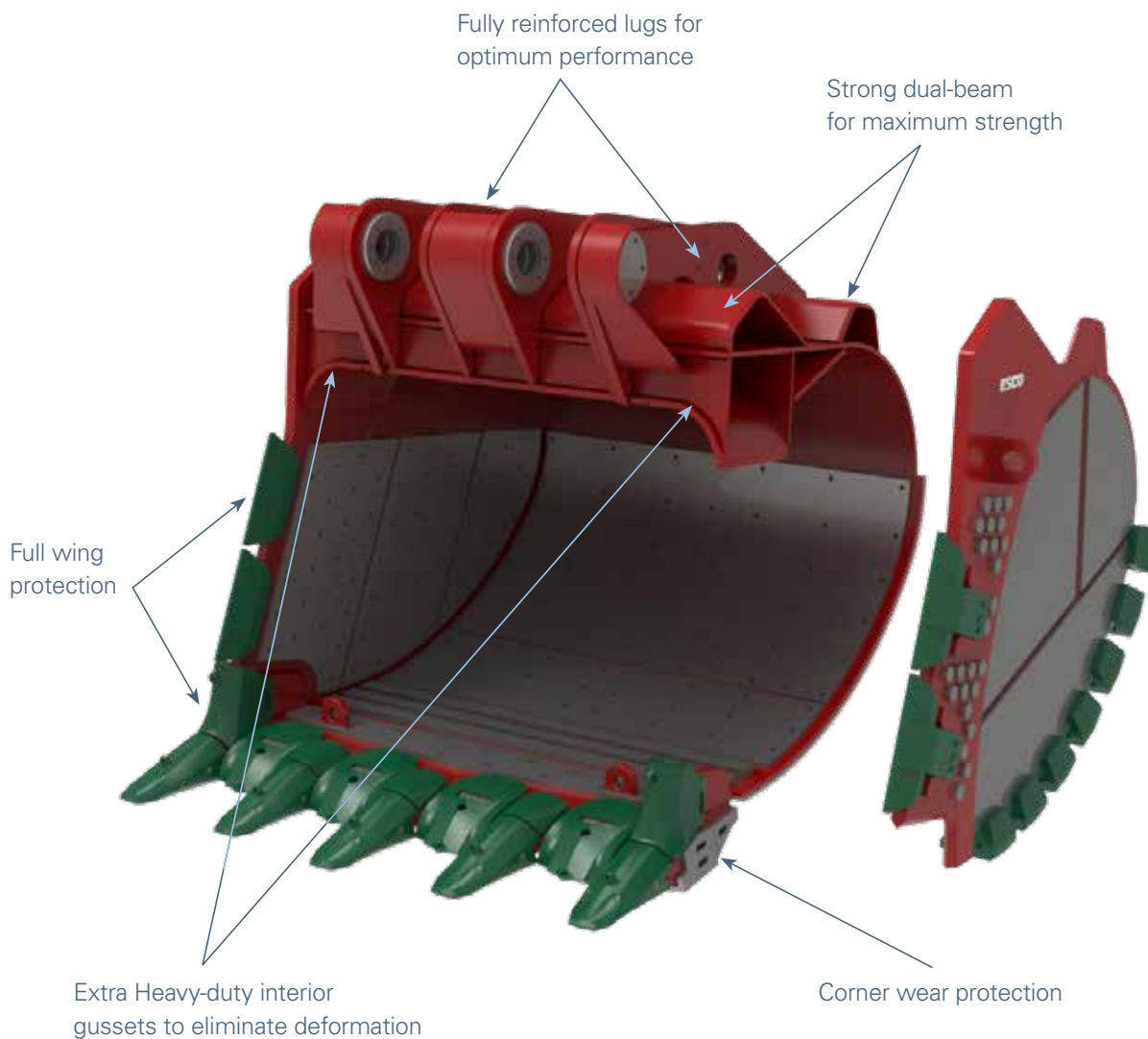
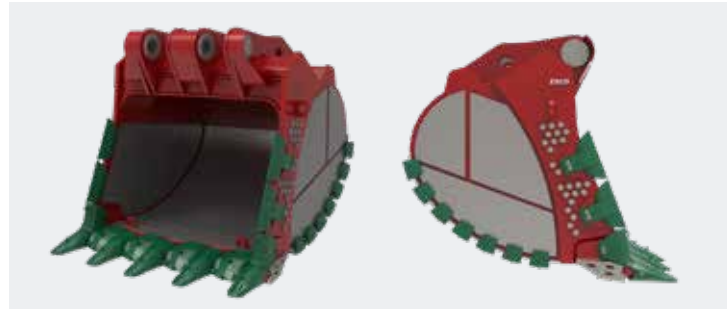
Longer lug plates
distribute loads evenly

Strong formed beam
for greater strength

Unique interior gussets
eliminate deformation

ESCO® XDPM mining class hoe bucket

ESCO XDPM Buckets are a dual-beam configuration designed for the toughest mining applications. This extra heavy-duty bucket has been used for years and is field-proven in mines and quarries worldwide. The XDPM bucket is the top choice for severe applications with extreme impact and abrasion. Complete wear protection options are also available to ensure maximum life and productivity. ESCO engineers provide expert technical support to ensure customers select the best wear package to maximize life and productivity in their application.



ESCO® mining hoe bucket duty class

Selecting the ESCO bucket duty class best suited to the target mining application is essential to maximize bucket life, minimize maintenance and reduce the chance of unplanned downtime. The right choice will increase productivity and reduce operating cost.

GP

General purpose/standard-duty application

- Well-blasted
- Re-handling
- Dirt / Coal
- Low density
- Low impact

HD

Heavy-duty application

- Blasted or easily fractured rock and ore
- Overburden
- Medium density
- Medium impact

XHD

Extra heavy-duty application

- Severe duty
- Un-blasted hard rock
- Heavy ore
- High density
- High impact



HDPM



XDPM

CAPACITY

DURABILITY

Hoe buckets shown are representative examples.



**“ESCO listened to our
needs, responded
quickly and delivered
a bucket that performs.”**

– North American Mining Operation



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