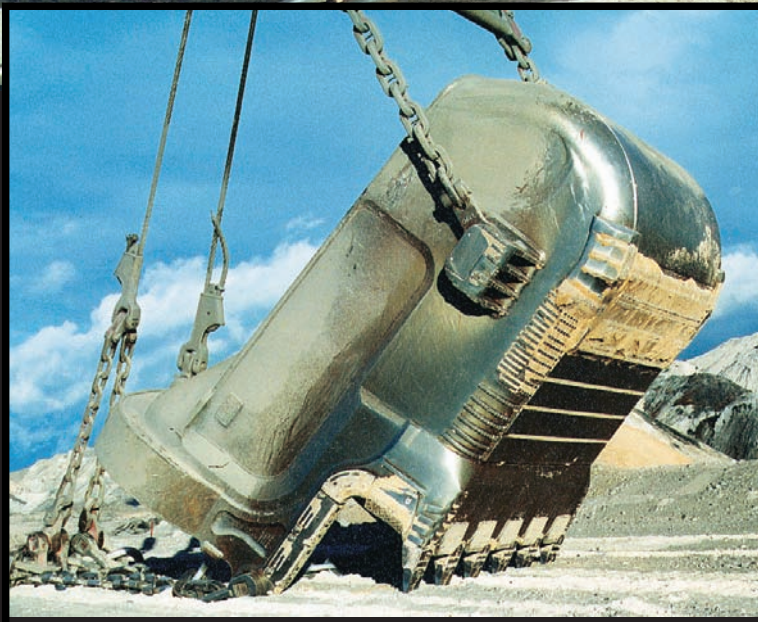


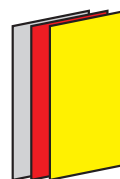
# DOUBLE the LIFE...

# ... HALF the COST!



ABOVE: New A.R.M\* Dragline Bucket Heel Protection Package.

**ABOVE:** P&H 51 Cu. M Dragline Bucket. This bucket can produce over 64,000 BCM in a 24 hr period. Seen here after 13.9 million BCM of service. The A.R.M\* Hardfaced Jaw is still fine. Standard items can wear to destruction in under 5.0 million BCM on this site. A.R.M\* has facilitated a reduction of the production bucket fleet from 3 buckets down to 2 and still move over 14,000,000 BCM per annum.



**ABRASION  
RESISTANT  
MATERIALS** PTY  
LTD

ACN 070 411 522

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Website: [www.arm.com.au](http://www.arm.com.au)

## Increase Profits! — Reduce Costs!

# Discover the difference

## ARM\* HARDFACING

**RIGHT:** New A.R.M\*  
Hardfaced 130 series  
adapter.

**FAR RIGHT:** A.R.M\*  
130 series adapter  
after 3.0 million BCM  
of service with no wear  
problems. Standard  
adapters usually only  
last between 20-30  
days on this site.



## NON-ARM\* PRODUCT



**FAR LEFT:**  
Competitor's attempt to  
coat a 130 series  
Dragline Adapter with  
Tungsten Carbide  
Hardfacing.  
(Note the corners and  
the pattern around the  
quick tip).

**LEFT:** This 130 series  
adapters has washed  
out on the corners after  
only 1.8 million BCM.  
(Not welded by  
A.R.M\*)



P&H D



A.R.M\*  
(Previo



Esco 4004 series Wing Shrouds.



CQMS Drag Shackle, A.R.M\* Hardfaced to extend the operating life.

# Dragline Bucket options



Dragline Bucket Jaw Shrouds A.R.M\* Hardfaced.



Dragline Bucket Heel Package after 1.0 Million BCM (usually 40mm Bis 80 only lasted 1.3 Million before holes appeared in the floor).



A.R.M\* Dragline Bucket Heel Package.



**BEFORE:** 130 series Dragline adapter prior to an A.R.M\* rebuild.



**AFTER:** The same adapter after an A.R.M\* rebuild which cost less than 30% of a new adapter price for a complete second life cycle.



**RIGHT:** Esco 130 series adapters – A.R.M\* Hardfaced on the top and both sides – often achieve over 5 times the wear life of the standard item.



P&H Dragline Bucket Lip Shrouds A.R.M\* Hardfaced.

# LOADER & EXCAVATOR BUCKETS



Jaws 15 Cu. M Bucket built for a 994 Liebherr. Specified with A.R.M\* Lip Protection in order to get 12 months production with no maintenance.



Esco V81VX tips – used in tight clay overburden removal.



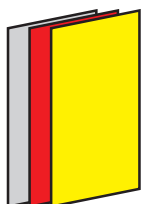
Esco V69SD tips A.R.M\* Hardfaced for a Nickel mine.



**ABOVE:** 970 Cat stockpile loader in a quarry – these edges lasted 5 times longer than the standard edges.



**RIGHT:** A.R.M\* Hardfacing reduced costs on this loader by \$15.20 per hour – just in wear parts.



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A.R.M.\* is an abbreviation of the company name Abrasion Resistant Materials

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