

# ARMOUR COAT™



By MTC Contractors



## MTC CONTRACTORS

Established in 2017, MTC Contractors is the culmination of 20+ years Industry experience within Mining and Tunneling.

Our team carries a vast depth of practical experience that is reflected in MTC's products and capabilities.

# MTC

MINING  
TUNNELLING  
CIVIL  
CONTRACTORS

ARMOUR COAT™ | BY MTC CONTRACTORS

## About us

Armour Coat™ is game-changing technology that combats the issue of regular hydraulic hose failure.

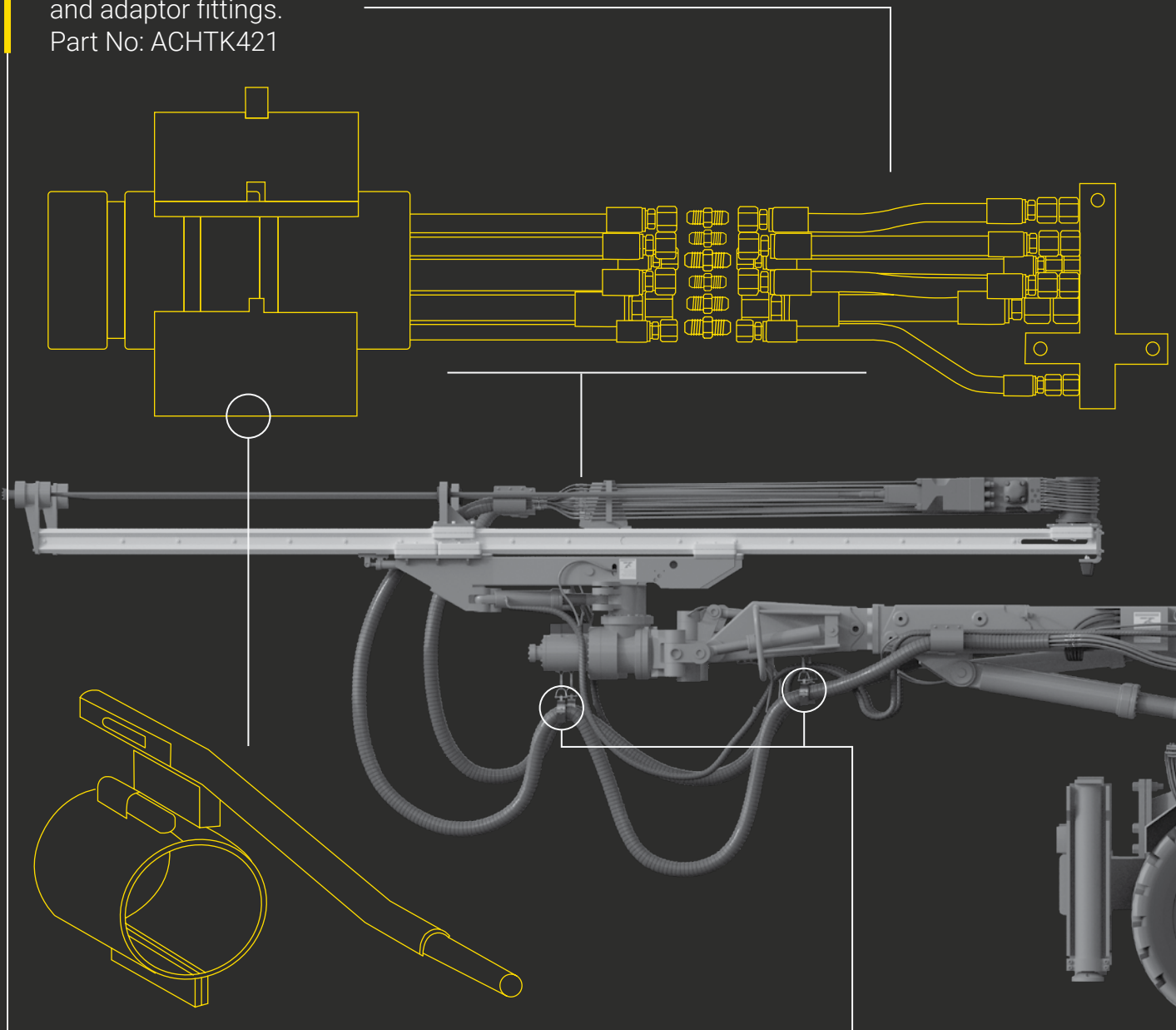
The fully encapsulated Armour Coat™ hydraulic loom ensures all hydraulic hoses are protected from:

- External Impact
- Dirt and Fines
- Internal rubbing and vibration

Armour Coat™ Hydraulic looms are proven to reduce machinery downtime, increase productivity and reduce maintenance labour hours.

## EXTENSION KIT

Includes extension hoses  
and adaptor fittings.  
Part No: ACHTK421

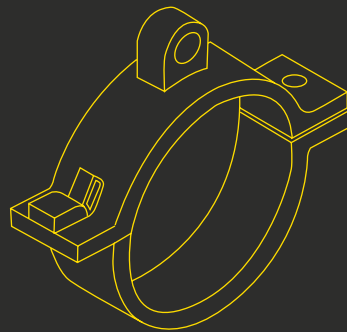


## HOSE TREE CLAMP

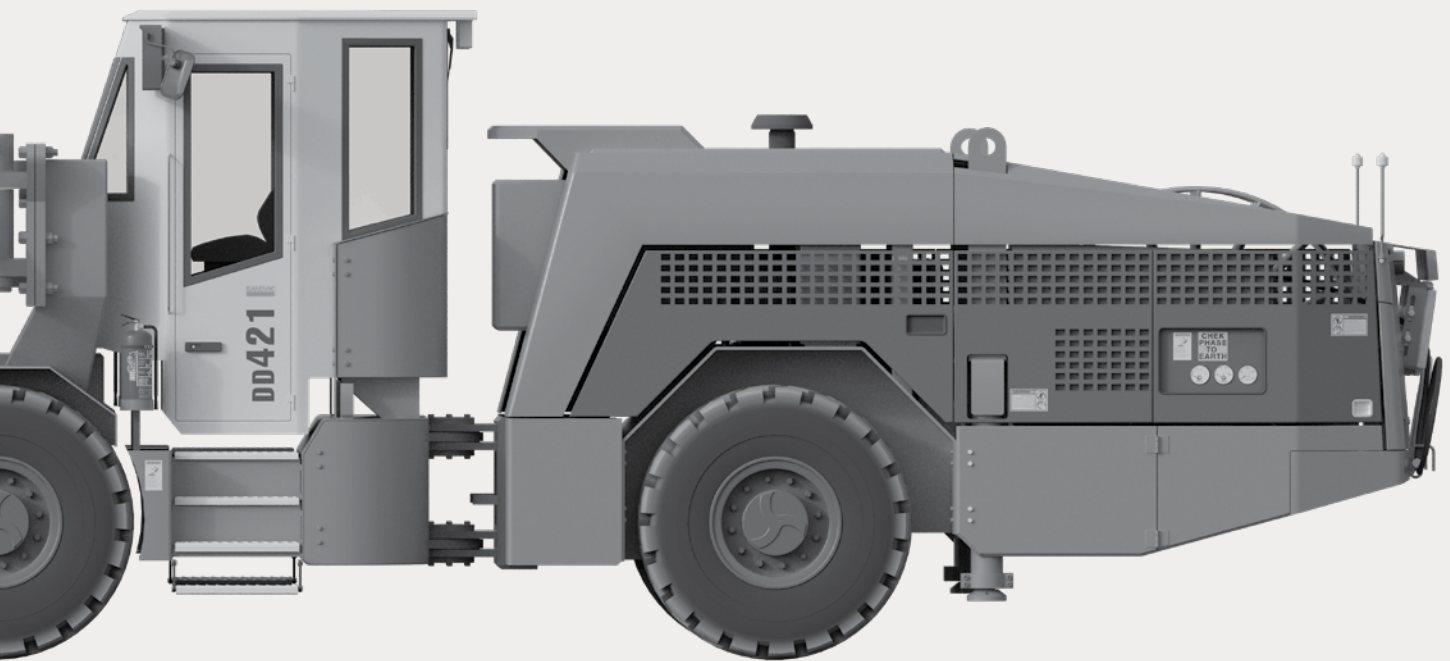
Part No: ACCLMT421

## LOOM CLAMP

Part No: ACCL421



# Increase development revenue



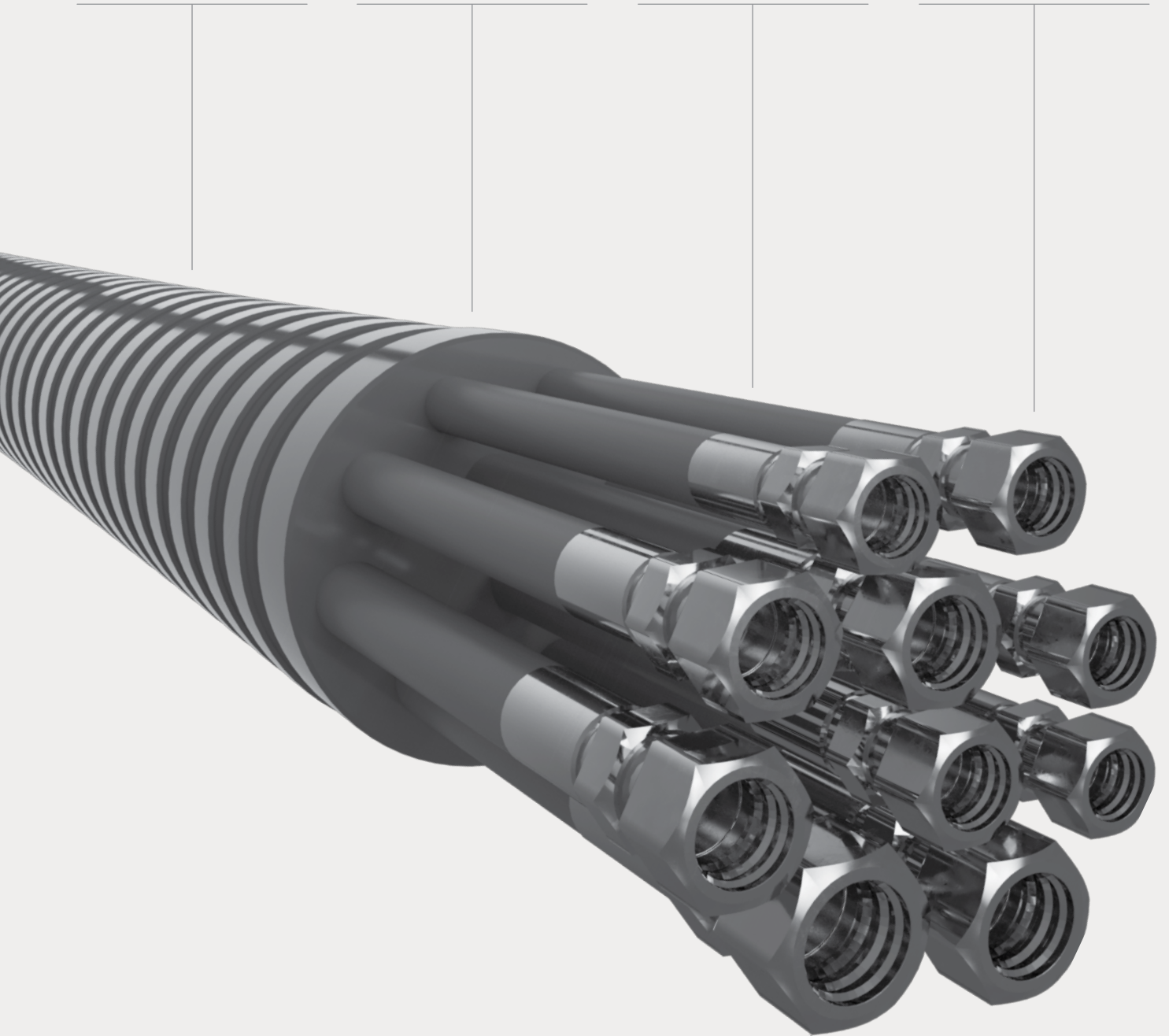
INCREASES	DECREASES
Productivity Development Revenue	Downtime Scheduled Service Duration

Hoses fully encapsulated, protecting them from harsh environments

Ribbed, flexible and durable polyurethane shell

One-piece solid mould around tensioned hoses

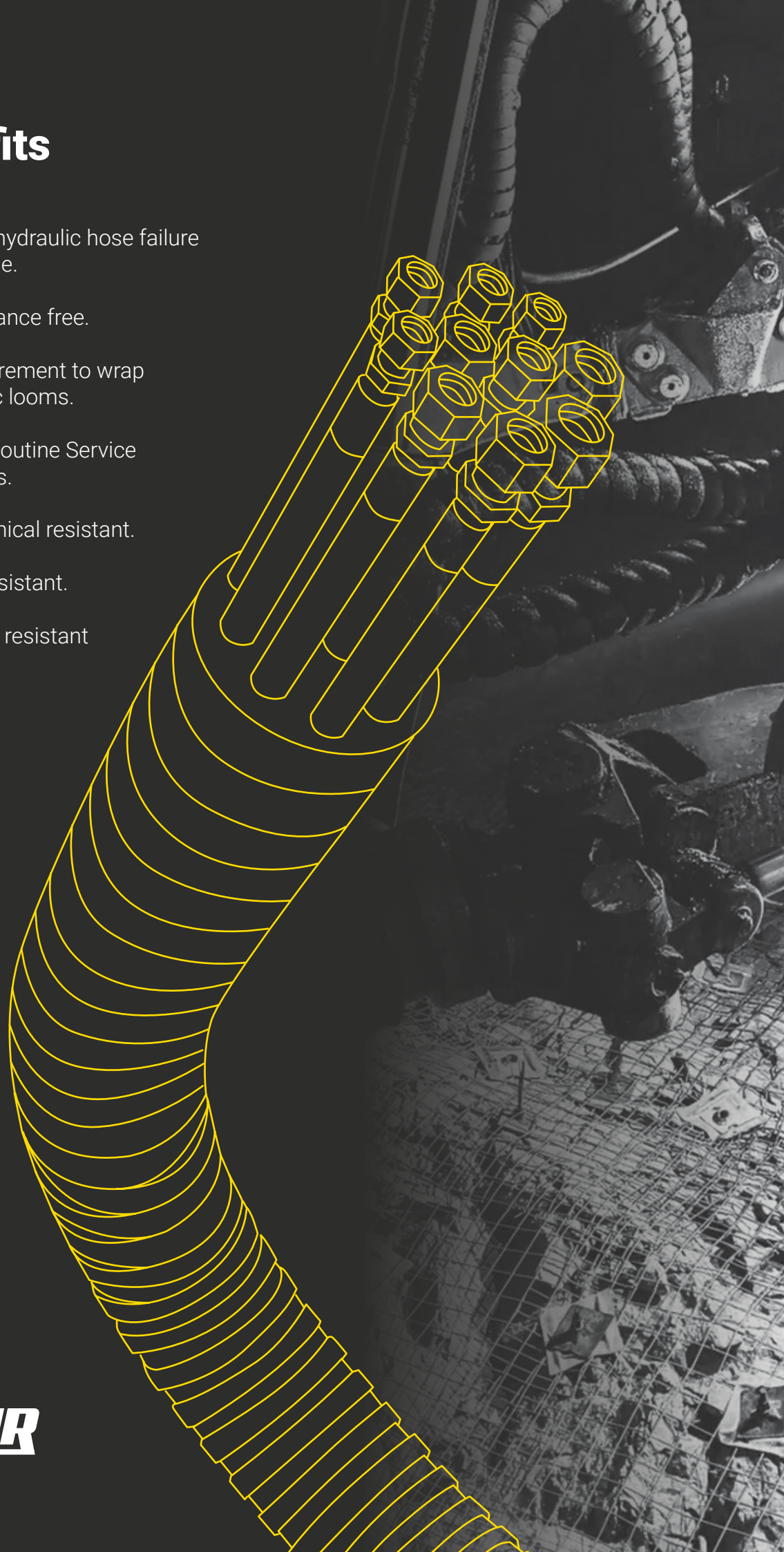
4 Wire Hoses



# Benefits

- Reduce hydraulic hose failure downtime.
- Maintenance free.
- No requirement to wrap hydraulic looms.
- Shorter routine Service durations.
- Oil/Chemical resistant.
- Crush resistant.
- Abrasive resistant

**ARMOUR  
COAT™**



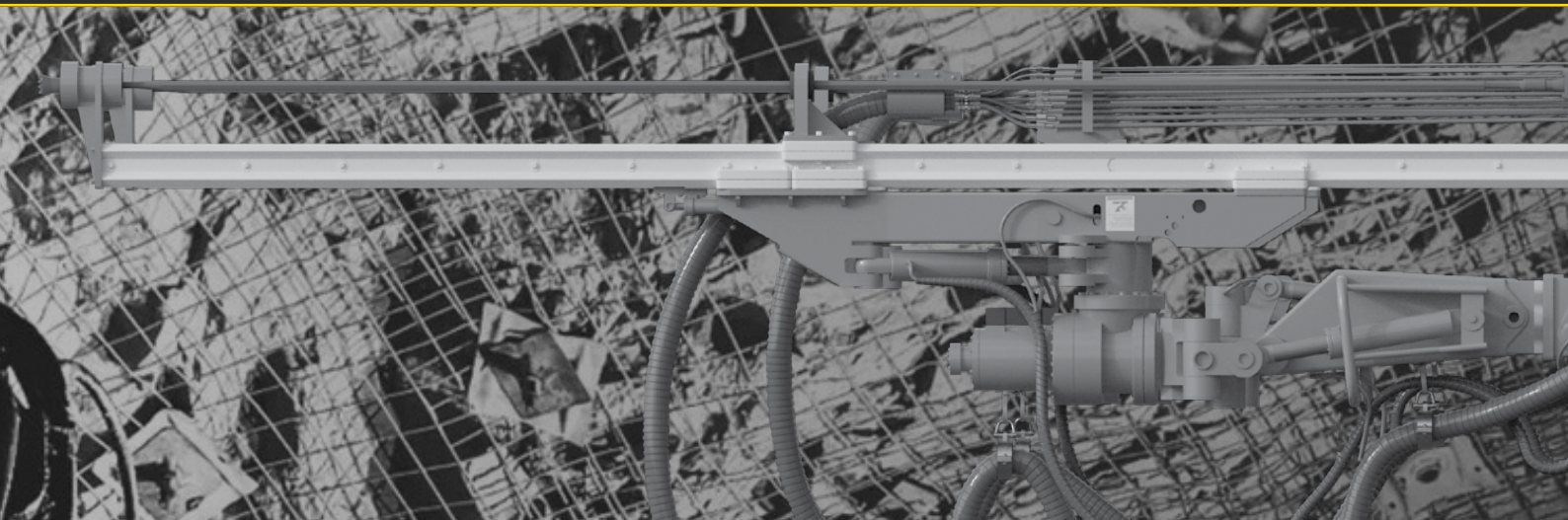
# Mining vs. maintenance

## WHO'S RIGHT?

### Mining

#### BROAD-BASED ASSUMPTIONS

- Assume 3 Percussion hours worth of hydraulic hose failure per boom each month.
- If one boom is down, both booms are down, equating to 6 Percussion hours of downtime each month.
- Assuming the Armour Coat™ system mitigates the downtime, this yields a 2% lift in Productivity (potential +\$100,000 contract revenue increase)





## PERCUSSION HOURS - PRODUCTIVITY INCREASE

### Inputs

Avg. Percussion hours / Boom / Month	300
Percussion hour downtime / Boom / Month for blown hoses	3
Total downtime for 2 booms	6
<b>Armour Coat™ loom system downtime</b>	<b>0</b>

### Percussion hours productivity increase using Armour Coat System

Armour Coat™	2%
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### Productivity effect on development metres

Monthly metres (m)	300
Revenue / metre (\$)	\$1,500
Revenue increase using Armour Coat™ looms / Year	\$108,000



# Maintenance

## BASED ON

- Full Pre-assembled Loom Kit with additional Hose Protection Guarding vs Armour Coat™ Loom system
- Case 1: Loom Kit + Additional Hose Protection guarding cost - ~\$5,000
- Case 2: Armour Coat™ Loom System - \$8,500

### CASE 1

#### The current Industry Option

*(Full Loom kit and Hose protection guarding)*

- Current hose Protection system degrades rapidly in harsh working environments, exposing Hydraulic Hoses to abrasion and impact.
- System is unsealed, providing an internal home for rocks and fines.
- Internal hose vibration against other hoses and rocks/fines significantly reduces hydraulic hose lifespan.

### CASE 2

#### Our New and Improved Option

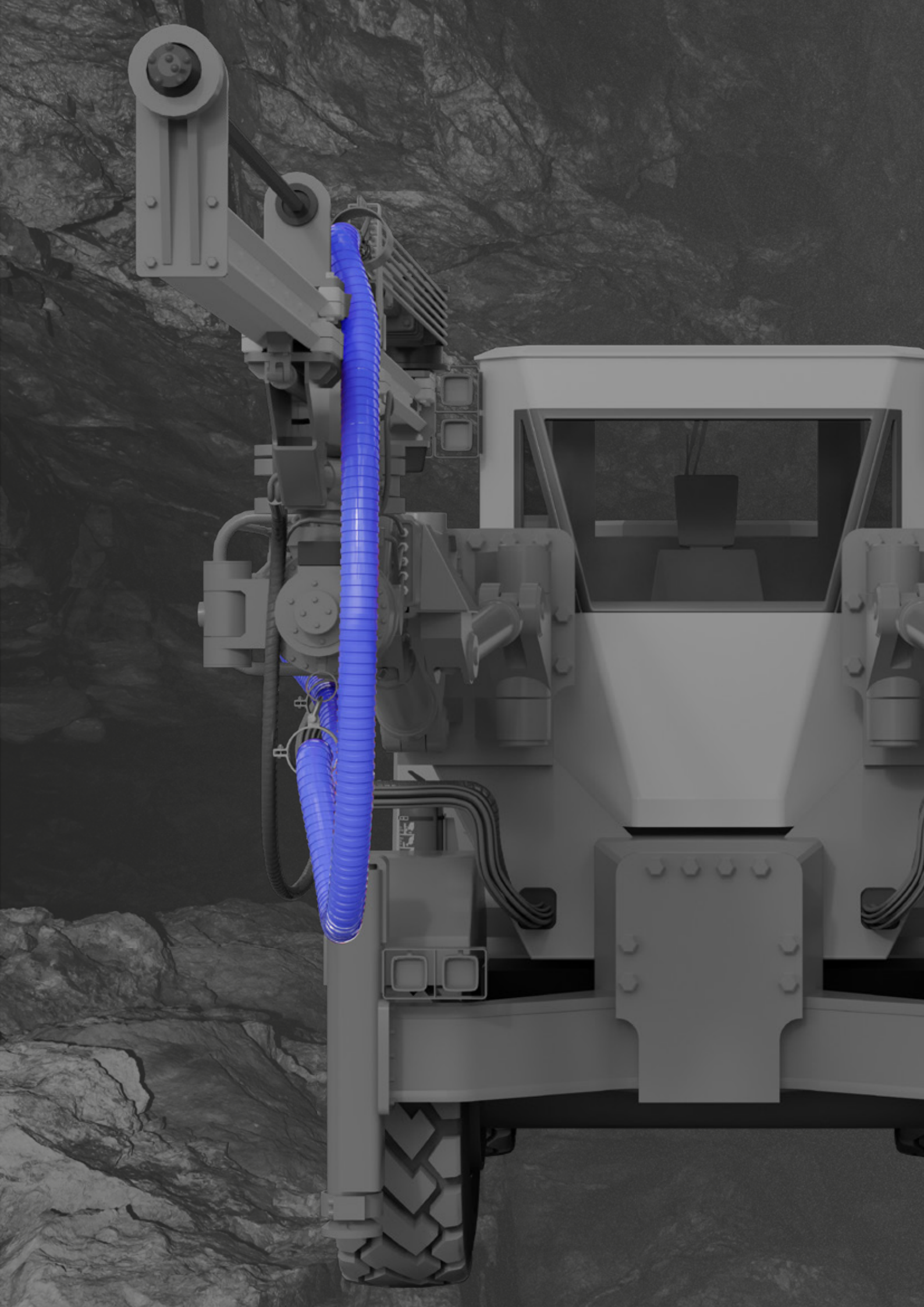
- Fully encapsulated (impossible for rocks and fines to enter internally)
- Hydraulic Hoses are internally separated for entire loom length, mitigating hose to hose vibration.
- Armour Coat™ mould has longevity, mitigating external impacts.
- Loom lifespan to reach 3 months.

## LIFESPAN COST COMPARISON OVER 6 MONTHS

Looms	Projected Change Outs	Total Cost
Loom Kit	4	\$20,000
Armour Coat™	2	\$17,000

### Cost Savings Against Loom Kit

Armour Coat™	%15
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