



mining solutions

PASSION FOR MINING



KNOW-HOW

Skilled & Expert Staff



RELIABILITY

Quality Guaranteed



PERFORMANCE

Long life, Competitive prices

Engineering

In-house R&Ds set stringent controls at each step of the production process, from the selection of raw materials all the way to the physical manufacturing of the part.

Distribution

Still rapidly evolving, the network of distribution centers is geographically located so as to be able to support the ITR distribution network worldwide.

Manufacturing

Full control of the production process ensures an excellent combination of quality and service throughout the wide range of products.

Service

The ITR dealer is at your disposal to offer you a complete service, from technical support to customization of components.

LOCAL
DISTRIBUTION
BRANCHES

51

MAIN
LOGISTICS
HUBS

25

QUALITY
& TESTING
LABS

16

MANUFACTURING
FACILITIES

18

ENGINEERING
& R&D
DEPARTMENTS

12

Quality Certifications

ISO 9001

ISO 14001

ISO 45001

ISO 27001

AFTERMARKET EARTHMOVING PARTS AND SOLUTIONS

SCHLAM★
An ITR Global Company

TRUCK
BEDS

**Truck
Beds**

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Futura
MINING TECHNOLOGY

GROUND
ENGAGING
TOOLS

**Ground
Engaging
Tools**

page 5

ITR®

UNDER
CARRIAGE

**Under-
carriage**

page 15

ITR® **MINING**

GROUND ENGAGING TOOLS



Futura

MINING TECHNOLOGY

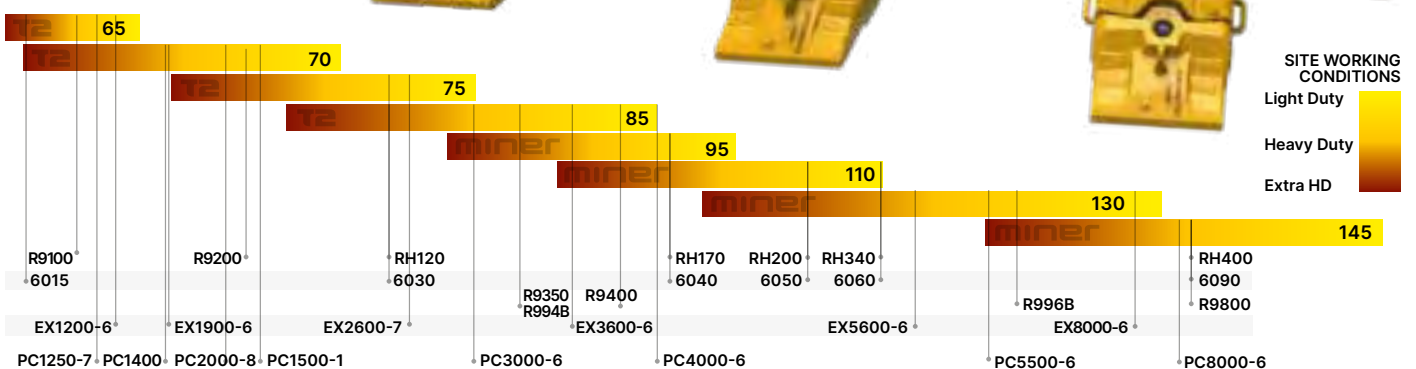
Ground Engaging Tools



A complete range of GET for perfect performance in mining applications that fulfils all your requirements and expectation.

Proven Performance | Self-Sharpening Designs | Hammerless Solutions | Shortest Downtime

GUIDE TO NOSE SIZES



G.E.T.

**Direct Replacement Parts
for Esco® SV2®**
Sizes 65 to 85



**Direct Replacement Parts
for Esco® SuperV®**
Sizes 61 to 81



**Direct Replacement Parts
for Hensley XS® & XS2®**
Sizes 115 to 342



**Direct Replacement Parts
for Caterpillar® X2®**
Sizes 70 to 95



**Direct Replacement
Parts for Hensley® TS®
and Esco® Posilok®**



**Direct Replacement
Parts for Esco®
Whisler®**
Sizes 10 & 12



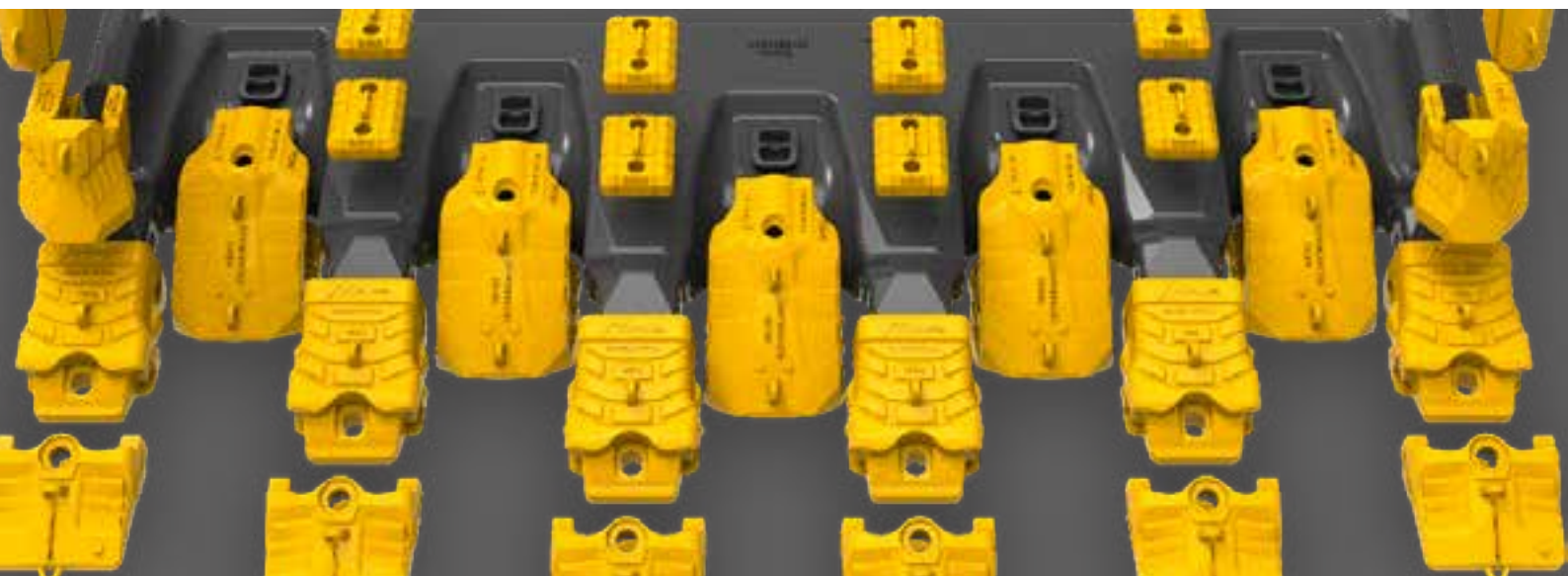
**Complete Lip
assemblies for
underground
mining machines**

Cast Lips



Open Source Cast Lip

Competitors adapters will also mount:
Esco®, Posilok®
& Nemisys® Bridge Adapter, Hensley®,
Bradken®, MTG®, Caterpillar® and others
available in the market.



Blades and Edges

Cast Blades for bulldozer and Graders

BYG's cast blades offer an unparalleled resistance and long wear life. BYG's cast endbits feature a notably reinforced perimeter and a protruding rib at the tip, providing significantly greater resistance to breakage. This innovative design ensures that your equipment can withstand the most demanding conditions while maintaining optimal performance and productivity.



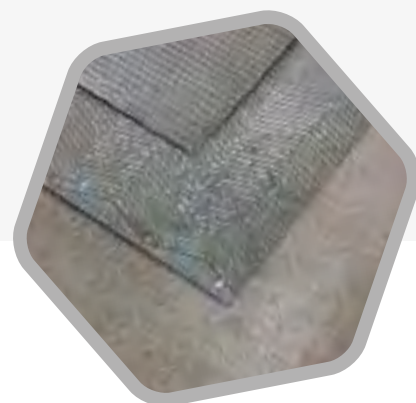
New range of bolt-on
blades infused with
TITANIUM nano carbides
with Hardness up
to 3200 HV


Titan
max

Full range
of Bucket
Protection
Parts



Bimetallic



Bimetallic Sheets

High abrasion and impact resistant steel. Its resistance is 3 to 15 times higher than that of 400 HB steel, even at high temperatures.

| Base Thickness | | Deposition (in) | | | | | | | | |
|----------------|-------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| mm | in | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | 20 |
| | | 0,12" | 0,16" | 0,20" | 0,24" | 0,31" | 0,39" | 0,47" | 0,59" | 0,79" |
| 5 | 0.20" | | | | | | | | | |
| 6 | 0.24" | | | | | | | | | |
| 8 | 0.31" | | | | | | | | | |
| 10 | 0.39" | | | | | | | | | |
| 12 | 0.47" | | | | | | | | | |
| 15 | 0.59" | | | | | | | | | |
| 20 | 0.79" | | | | | | | | | |

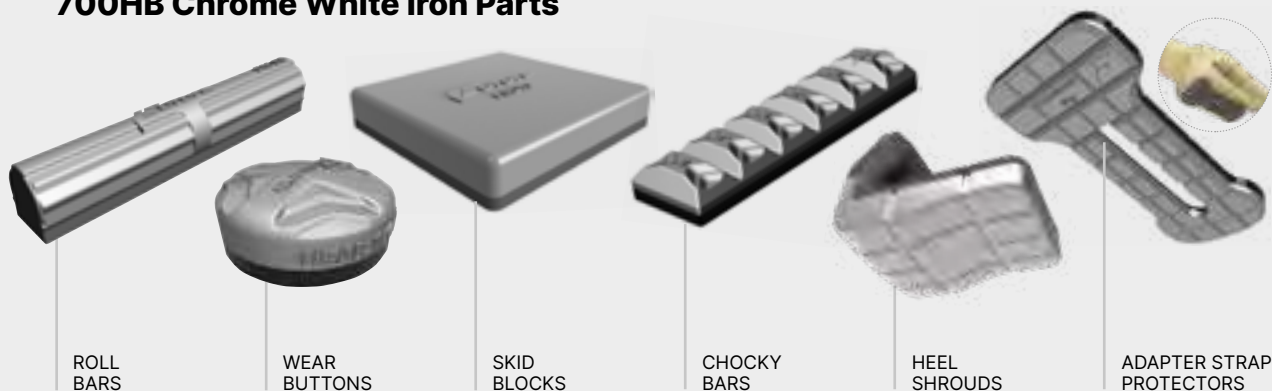
| Dimensions | |
|------------------------------------|------------------------------------|
| Base Plate | Deposition Area |
| 2000 × 1000 mm 78.74" x 39.37" | 1900 × 850 mm 74.80" x 33.47" |
| 2000 × 1500 mm 78.74" x 59.06" | 1900 × 1350 mm 74.80" x 53.15" |
| 2500 × 1250 mm 98.42" x 49.21" | 2400 × 1150 mm 94.49" x 45.28" |
| 3000 × 1500 mm 118.11" x 59.06" | 2900 × 1350 mm 114.17" x 53.15" |
| 3650 × 2450 mm 143.70" x 96.46" | 3500 × 2286 mm 137.80" x 90" |

Technical Data

| Products | Hardness | | Temperature | Alloy | Application |
|--|---|------------|--------------|-------------------|--|
| | Vickers | HRC | | | |
| CROM 700 Chromium carbide | 700-800 Chrome Carbide 1200-1600 HV _{0,4} | * 60-64 | ** 500 °C | *** Cr-Mn-Ni | Crusher rolls Coal crusher cones * Impact and sliding |
| CROM 800 Chromium Niobium Carbides | 746-832 Chrome and Niobium carbide 1900-2400 HV _{0,4} | * 62-65 | ** 650 °C | *** Cr-Si-Nb-B | Fan blades Excavator scoops * High abrasion |
| CROM 950 Chromium Carbide, Niobium, Vanadium and Boron | 832-950 *** Chrome-Niobium-Vanadium & Boron 1900-2400 HV _{0,4} | * 65-69 | ** 500 °C | *** Cr-Nb-V-B | Fan blades Mining industry * Very high abrasion |
| TUNGSTEN 1000 Tungsten Carbide and Boron | 577-697 Tungsten Carbide and Boron 2300 HV _{0,4} | * 54-60 | ** 600 °C | *** 60% WSC-Ni | TMB front, Hammer mill and Dredging machines * Highest abrasion resistance and impact |

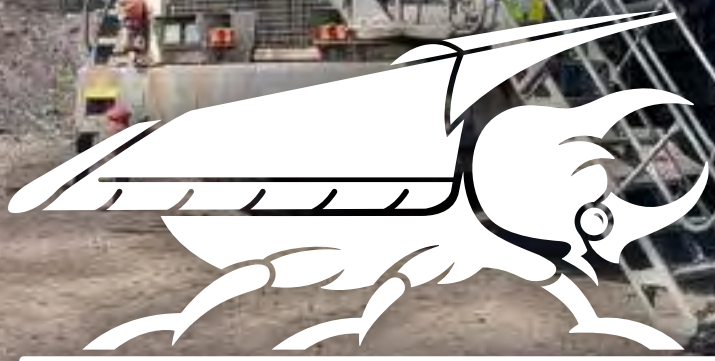
*Hardness depending on the number of layers ** Consult in each case *** Nickel-free chemical composition

700HB Chrome White Iron Parts





TRUCK
FIELD



HERCULES

SCHLAM⁺

An ITR Global Company

Truck Beds and Mining Buckets



Producing the world's best custom designed mining truck beds and mining buckets for all hard rock mining environments backed by unmatched product lifecycle services to ensure your load and haul attachments achieve optimum performance.

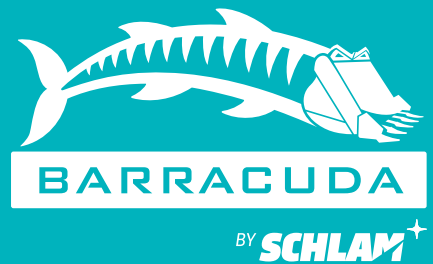
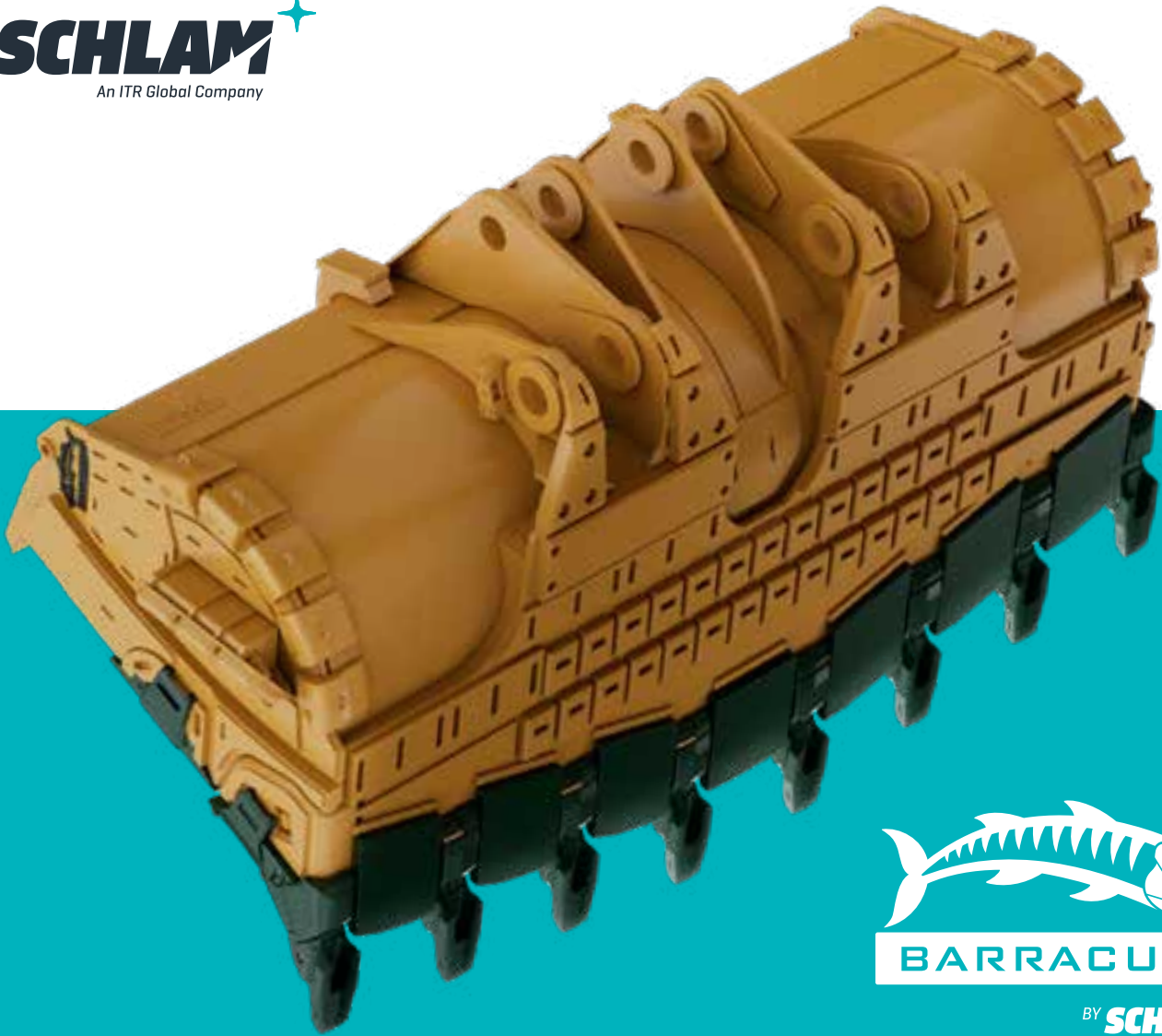
Why Hercules Truck Beds?

- Custom engineered for your individual site requirements
- Proven in the field and continuously improved over 30 years
- Manufactured for all OEMs and all models 100 tonnes and above
- Suitable for all materials and all environments, from the extreme heat of the Australia to the extreme cold of Canada
- Continuously working with customers to innovate and develop new solutions
- Installed on more autonomous mining trucks than any other truck bed design
- A range of floor configurations, wear packages and maintenance strategies



BY **SCHLAM** 

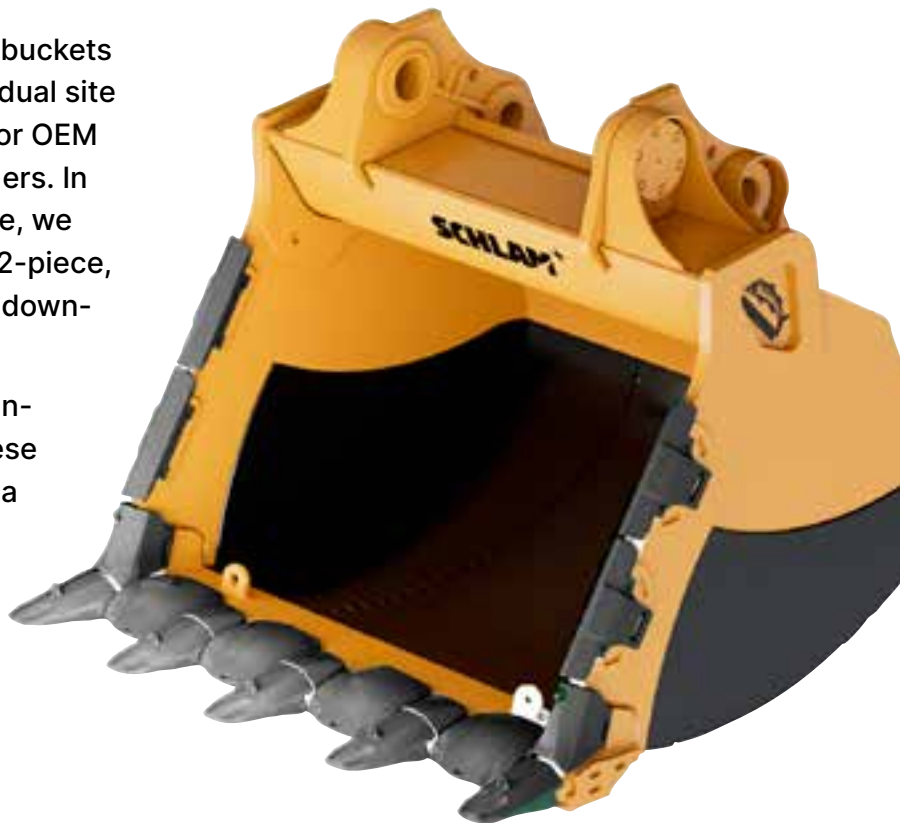




Our world-leading Barracuda mining buckets are custom engineered to your individual site requirements and suitable for all major OEM 100 – 600 tonne excavators and loaders. In addition to our standard bucket range, we offer the innovative Barracuda T2, a 2-piece, liner less bucket designed to reduce down-time and improve safety on site.

Designed and built to the highest standard using premium quality steel, these buckets are manufactured in Australia and supplied globally.

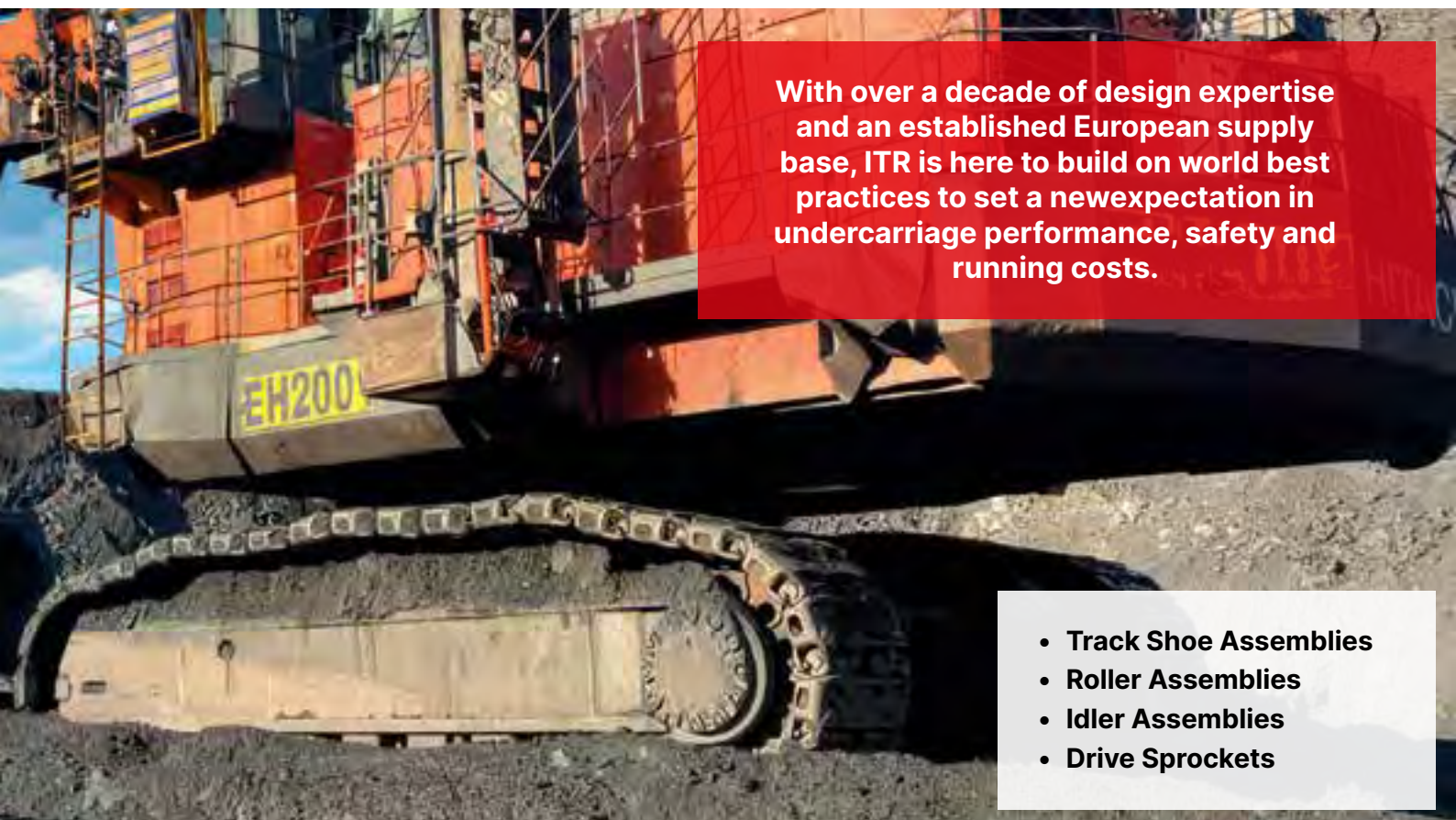
Our products are fully backed by our unmatched Product Lifecycle Services which means that we provide in-region support for the entire life of the asset.







Undercarriage

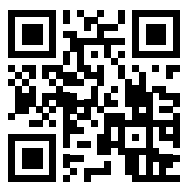


With over a decade of design expertise and an established European supply base, ITR is here to build on world best practices to set a new expectation in undercarriage performance, safety and running costs.

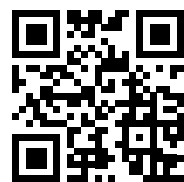
- Track Shoe Assemblies
- Roller Assemblies
- Idler Assemblies
- Drive Sprockets



Mining Buckets & Truck Beds



Ground Engaging Tools



Under- carriage

