

### World Leader in Tire Protection

Originally developed some 70 years ago to protect the pneumatic tires of the early hydraulic loaders working with sharp or abrasive rock, today RUD-Erlau claims a 65% share of the world market for tire-protection chains, with designs to match the most demanding environments.

Erlau's light-weight but strong tire chains save energy, save tires, increase safety, cut maintenance down-time, aid productivity and significantly reduce the cost per loaded tonne, the company says.

Sidewall piecing by slate or flint can reduce a tire to scrap in an instant, so for applications where this is a risk, the company offers its RING-RING system—a close-meshed chain that embraces the entire tire surface and deflects sharp-edged rocks for all-round protection. Where abrasive rocks are a problem, Erlau has developed the RING-LINK system that creates a barrier between a vehicle's tires and the haul surface and can double and, sometimes, treble, tire life, the company adds.

Working clayey seams or on icy haul roads can make loaders, trucks and graders hard to handle. Erlau notes that operators are fitting an open-ring chain such as its GARANT series to provide extra control or, where additional grip is required, its Terraplus system would be an option, as it has studded links for extra 'bite'.

For underground, where any or all three of the these conditions may be encountered, the company produces the TORO X19—a lightweight, compact, all-embracing tire-protection chain that fits within the tight wheel arches of low-profile LHDs and trucks.

Erlau points out that with high demand for mined products and no foreseeable end to the shortage of earthmover tires, tire-protection chains can be an essential add-on. It is not by chance, the company says, that it has come to dominate the market for tire-protection chains, with a high level of quality control from the metallurgy used, through fitting, to life-of-product support. State-of-the-art production facilities ensure consistent weld integrity and lighter, stronger, energy-saving links. Before delivery, each batch of chains is tested to destruction before being embossed with a unique tracking code.



Erlau tire-protection chains provide comprehensive protection in the toughest mining environments.

The introduction of a chain-monitoring system gives a new dimension to its product support, Erlau adds, with each set of chains incorporating a 'Smart Link' that records the set's complete service history. A hand-held smart reader collects, updates and records data from several sets of chains; these data are then available for download and interpretation by maintenance staff.

Erlau points out that its confidence in its tire-protection chains is such that it is providing the Smart Link free-of-charge, with Smart Links being shipped with every set of chains in the 22 mm range, and Erlau offering the smart reader at cost. Smart Link systems are already deployed in the U.S., South Africa, Europe and Australasia.








Open Pit Mining



Underground Mining



Slag/Recycling



MEN INVENTED THE RUBBER TYRES THAT MOVE THE EARTH.  
ERLAU INVENTED PROTECTION CHAINS TO PREVENT TYRE FAILURES.

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