

ERIKS Quarrying Industry Services

The whole story

Let's make industry work better

ERIKS



Extraction's not the only challenge

If there's one thing you can be sure of, it's that getting rock, sand, aggregate or mineral out of the ground is tough. If there's another thing you can be sure of, it's support from ERIKS – because we have many decades' experience and understanding of your challenges. The challenge of keeping equipment working harder for longer. Of reducing energy costs. And of getting essential products and parts to you fast, if the tough turns to trouble. So while we resolve the problems, you can focus on extracting the raw material.



Few industries require their employees - and their equipment - to operate in such a challenging environment as the quarrying industry.

For employees, the risk of injury or damage to health is high. For equipment, dust, dirt and heavy loads lead to excessive wear, shorter service life and catastrophic failure. So it's essential to find a supplier who understands the industry and its pressures, and has the know-how, resources and products to help you optimise your productivity and efficiency, whilst protecting your employees and your equipment.

Partnership for productivity

Ensuring optimum productivity and performance demands partnership, not just parts.

So we work with you to ensure you are specifying the best-performing, most cost-effective equipment. We advise on component upgrades more suited to your operating environment, like the SKF Three-Barrier Solution (a sealed SRB offering greater contamination protection, extended life and reduced maintenance). And we provide repair services for your pumps, motors and gearboxes, to keep them online and working more efficiently for longer.

We also understand that taking care of your employees is as essential as caring for your equipment. We can show you how to reduce health and safety risks - by using Simalube automatic lubricators for hard-to-access areas, for example. And we offer a comprehensive selection of PPE, with innovative solutions to ensure its effective use.

But we're not just here for the everyday. We're here for emergencies too. We deliver replacement parts and carry out repairs with a special delivery service designed and available just for your needs. Whether that's a next-day delivery to keep production ticking along smoothly or a same-day to ensure downtime is kept to a minimum, you can rely on this ERIKS service to keep your plant running.

Saving energy – and costs

Pressure to maximise energy efficiency and reduce CO₂ emissions - without compromising productivity - requires continual close examination of products and their performance.

From service life to reliability, maintenance and downtime, the ERIKS Total Cost of Ownership (TCO) online calculator takes all relevant factors into account to aid your decision-making.

For instance, if you're considering replacing an existing electric motor with a high-efficiency IE4 motor to reduce your carbon footprint, using the TCO calculator allows you to see instantly the cost-effectiveness of the swap, with no guesswork required.

But it's not only upgrading motors which can help you to increase efficiency, pumps can have the same impact. Even swapping standard belts drive belts for the Fenner® Quattro PLUS TW wrapped wedge belt can deliver 30% more power, with reduced belt elongation and improved length stability. ERIKS can help across your site.

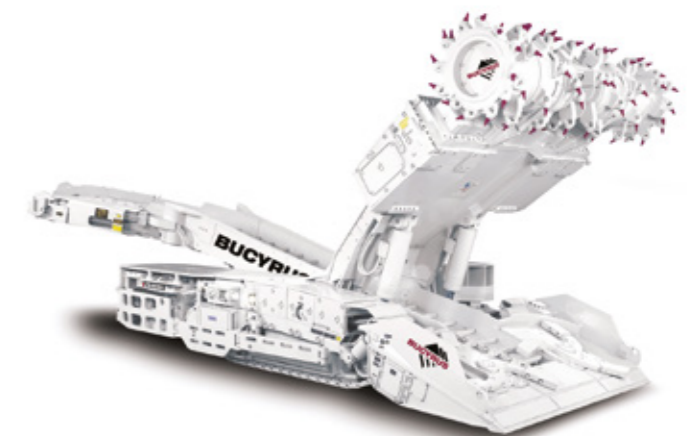
Foresight and insight

The most effective way to keep throughput high and productivity cost-efficient is to think and plan ahead.

Working with a supply partner like ERIKS not only ensures you will always be able to access the right parts at the right time. It also means you can benefit from ERIKS' experience and industry know-how, to reduce the risk of obsolescence, to keep up with the latest engineering technology, and to prepare for problems before they become a crisis.

ERIKS Reliability Engineering services include condition monitoring, predictive maintenance and VibraConnect online vibration monitoring, to keep you informed of the condition of critical assets. With essential information to hand, you can optimise current performance, and plan ahead to minimise future downtime.

Whatever challenges you face in your quarry, you don't have to dig deep to find a partner who can help. Simply contact ERIKS Industrial Services.





Asset Management

Condition Monitoring.
Predictive maintenance.
Vibraconnect online monitoring.
Hydraulic hose management.

Hydraulic Hammer

Hydraulic hoses, self-assemble hydraulic hoses, rams and pistons.
Hydraulic and metal facing seals, couplings and bearings.
Condition monitoring of hoses.
Automatic lubrication systems.
Lubricant selection.

Crusher

Large belt drives, conveyor chain, specialised coatings and pin treatments, engine shaft seals.
Automatic lubrication systems.
Lubricant selection.
Hydraulic hose.
Hydraulic power packs.
Pneumatics.
Valves and pumps.
Cone bearings.

Conveyor

Gearboxes - light and heavy duty - supply, repair and replacement.
Shaft-mount speed reducer for heavily loaded conveyors.
Belt drives.
Automatic lubrication systems.
Lubricant selection.
Pneumatics.
Bearings and Split roller bearings.
Motors and inverters.

Screening

Gearboxes, drives, inverters, couplings, bearings.
Automatic lubrication systems.
Lubricant selection.
Repair and replacement of gearboxes and inverters.
Specialist shaker screen bearings.
Pneumatics.
Hydraulic hose.
Pumps and valves.

De-Watering

Pump selection and consultancy, pump supply, pump repairs and upgrades.

Aggregate washing

Pump supply, repair and replacement.
Valves.
Conveyor chain bearings.

Wheel washing/ dust control

Repair and replacement.
Gearboxes.
Belts.
Chains.
Motors.

Electronic Controls

VibraConnect Online Monitoring.
Predictive Maintenance.
Electronic controls.

Higher quality, greater choice

From ERIKS' own brands to products from a wide range of manufacturers, ERIKS offer a huge choice of products for the quarrying industry - all backed by unparalleled industry know-how that helps optimise your productivity, maximise your profitability, and increase your peace of mind.



Split Roller Bearings

Choose from two leading brands – Cooper and Timken – to benefit from faster installation, less downtime, and easier maintenance.



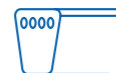
Couplings

Find the ideal coupling for your requirements, with a comprehensive selection of Fenaflex, Falk Gear and Grid couplings, and many more. Fenaflex couplings, for example provide supreme flexibility and exceptional torsional resilience.



Fenner® Quattro PLUS TW Belt

A wrapped belt with a 2-ply outer jacket, the maintenance-free Fenner® Quattro PLUS heavy duty wedge belt transmits up to 30% more power than traditional alternatives. Specifically designed to reduce belt elongation and improve stability.



Fenner® Shaft-Mounted Speed Reducer

Ruggedly designed for harsh operating environments, the Fenner® SMSR Power PLUS - also available with ATEX certification - has a 50% increased power-to-weight ratio over the previous model. Trusted and proven in quarrying and mining operations worldwide!



Gates Hydraulic Hose

Meet the power requirements of even your most demanding fluid power applications, with Gates hose and hydraulic systems, equipment and accessories.



WEG W22 Motors

From processing and conveying to crushing and everything in between, WEG W22 severe duty motors provide a low maintenance, efficient solution to improve plant reliability and lower total cost of ownership.



Submersible Pumps

When reliability under tough conditions is crucial, Tsurumi submersible construction dewatering pumps are essential. Built for heavy applications, they are ideal for quarrying, mining, tunnelling, construction and the concrete industry.



All around the quarry

There's more to ERIKS than just equipment supply. There's in-depth industry know-how, a passion for technology, and a breadth of resources to meet your needs quickly and cost-effectively. From optimising your process to monitoring, maintaining, repairing and upgrading your equipment, ERIKS help you to overcome your challenges so you can meet your production forecasts.

For an initial on-site meeting to discuss how we can help, contact us now.

ERIKS



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