

PRESS RELEASE

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TAKRAF South Africa to showcase TAKRAF and DELKOR technologies at Electra Mining 2022

Recent orders highlight the continued demand for TAKRAF and DELKOR technology solutions despite challenging economic environment.

South Africa (Johannesburg), August 2022: In the weeks leading up to Electra Mining 2022, TAKRAF South Africa, part of the global TAKRAF Group, has seen a number of new orders for both its TAKRAF mining, materials handling and crushing technologies and DELKOR liquid/solid separation equipment. The orders include design through to commissioning of a slewing and luffing stacker, portal reclaimer and associated yard conveyors for a major diamond mine, supply of a 12 m-diameter thickener and 2 m³ flocculant plant for a gold mining company, supply of a belt feeder for a gold mine in Peru and supply of two TAKRAF mineral sizers, one for bauxite in Greece and one for coal in Mozambique.

These orders build on an order book featuring a number of in-progress and recently delivered projects, including a 2,000 t/h radial stacker, which was recently commissioned on a platinum project. With a boom length of 45 m, the stacker incorporates a number of unique features tailored for the specific requirements of the project.

In a fast track project, TAKRAF South Africa handed over an in-plant material handling system to a fluorspar miner, comprising seven in-plant conveyors (with conveying rates from 300 t/h (average) to 900 t/h), transfer towers, and auxiliary equipment. For installation further afield and also delivered within tight deadlines, Redler equipment was supplied for a sugar plant operation in the Philippines.

The continued demand for its apron feeders highlights TAKRAF South Africa's leading position as a trusted supplier of this technology. An apron feeder ordered for a major copper mine in South Africa, which already had two installed, was supplied complete with a spillage conveyor for operation 1,600 m underground. At 2,400 mm wide by 14,500 mm long, it feeds copper ore to a new underground gyratory crusher.

Despite the challenging Covid-19 pandemic conditions, TAKRAF South Africa delivered two apron feeders for a leading copper/cobalt producer in the Democratic Republic of Congo (DRC), with installation and commissioning assistance provided remotely due to travel restrictions. Other recent orders have included the supply of three machines to a gold project in the Republic of Guinea, one machine to a nickel mine in Central America and five machines to an iron ore project on the West Coast of South Africa.

Delivery is complete of four new-generation DELKOR BQR 500 flotation cells, equipped with the latest MAXGen mechanism, to a zinc producer in South Africa. The flotation cells boast a number of special features in the flotation circuit. These include a built-in cell by-pass system to allow cell maintenance without having to shut the circuit down completely, while back-pressure piping ensures consistent slurry level management in the last cell, resulting in superior circuit metallurgical performance.

The result of extensive research and development, the MAXGen mechanism provides superior recoveries with higher mineral grade, along with faster flotation kinetics, by generating favorable bubble size distribution and energy efficient hydrodynamics in the cell. Other outstanding benefits include the rotor and stator configuration, which enables the rotor to operate at a lower tip speed, reducing operational cost with lower power consumption and wear.

“We are delighted by the trust placed in us, both by new and repeat clients, particularly as the mining industry has not yet emerged from the capital constrained and challenging conditions of the past few years, which were only aggravated by the recent pandemic,” says TAKRAF South Africa Managing Director, Richard Späth. “Electra Mining is an important forum to showcase our offering across the TAKRAF and DELKOR brands, for the development of sustainable and innovative mining solutions, and we look forward to personally making contact with our existing and potential customers – discussing with them, informally, what their needs and expectations of us are and how we can best serve them.”

Visit TAKRAF South Africa at Electra Mining 2022 in Hall 6 H31.

About TAKRAF

TAKRAF Group, through its established and well-known brands, TAKRAF and DELKOR, provides innovative technological solutions to the mining and associated industries. We leverage our experience, acquired over more than a century, to provide equipment, systems and services that best satisfy our clients’ mining, comminution, material handling, liquid/solid separation and beneficiation requirements. Owners and operators around the world trust our engineered solutions to lower the total cost of ownership and reduce environmental impact by improving efficiency with safe and reliable equipment. For sustainable solutions backed by expert service you can rely on TAKRAF Group. Visit us at www.takraf.com.



TAKRAF apron feeders for DRC copper/cobalt mine.