

# MODERN MINING

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## Tenova TAKRAF supplies shell for Sishen crusher

25 January 2016



One of the largest spares to be ordered and manufactured by Tenova TAKRAF Africa, a top and bottom shell for a 60/109 primary gyratory crusher, will be delivered to Kumba Iron Ore's Sishen mine in the Northern Cape in 2016.

Tenova TAKRAF Africa (then known as Bateman Engineered Technologies before Tenova purchased the Bateman group in 2012) supplied the crusher more than four decades ago and has supported the crusher with spares since then. Used in recent years as a back-up primary crusher to the plant in the pit, the gyratory crusher is now in increasing use, resulting in a greater demand for spares.

*Shell for the Sishen mine gyratory crusher in manufacture.*

The crusher is supported by Tenova TAKRAF Africa's regional office in the Northern Cape, which, staffed by experienced technical personnel and positioned close to the client base in that region, is able to provide fast response aftermarket services.

With a total weight of 580 t and a throughput of 3 500 t/h, the machine is a superior gyratory crusher with a 1,5 m feed opening and 2,8 m mantle diameter at its widest point. Since its installation at Sishen, it has been setting milestones in the supply of spares. For example, an eccentric phosphor-bronze bush, with a diameter of 1 m, a height of 2 m and a weight of 2,3 t, was supplied in 2004 and was at the time the largest phosphor-bronze component to be cast anywhere in Africa.



"The longevity of this primary crusher is testimony both to the ruggedness and durability of the equipment we supply, as well as our ability to continually support our products," says Paul Davies, General Manager: Client Support Services, Tenova TAKRAF Africa. "Our clients have the assurance of stable and ongoing aftermarket support from Tenova TAKRAF Africa, an important factor when considering the massive capital investment in mining operations."



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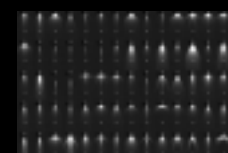
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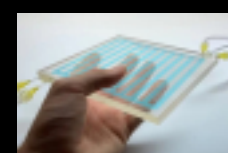
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