



**Green Energy: Biomass | Hydrogen | Hydro | Waste-To-Energy** [www.lesedins.co.za](http://www.lesedins.co.za)

**Lesedi Nuclear Services** combine comprehensive Engineering Solutions for all phases of renewable projects; from engineering and procurement to construction, and project management in the power industry.



<http://www.engineeringnews.co.za/article/joest-south-africa-introduces-a-completely-redesigned-locally-manufactured-exciter-gearbox-2015-04-13>

# Joest South Africa Introduces A Completely Redesigned, Locally-Manufactured Exciter Gearbox

PUBLISHED 13 APR 15



Company Announcement - Specialist vibrating equipment supplier Joest South Africa has introduced a new exciter gearbox that has been completely redesigned by its in-house research and development team, taking into account input from mining customers with regard to increased uptime and reliability resulting in greater tonnage throughput.

“Joest South Africa’s philosophy of ‘Engineered Solutions’ ensures that we fully understand each customer’s

specific needs, delivering a customised solution, which ensures that downtime is reduced dramatically,” Kim Schoepflin, Managing Director, says. A significant advantage of the new exciter gearbox is that it is fully compatible with the previous model sold by Joest South Africa. “In fact, it is important to note that the old and new model can both be included on a single piece of vibrating equipment,” Theresa Walton, General Manager: Service, says. Major design improvements include an enhanced housing design that provides for longer in-service life. This is in addition to thicker mounting feet and stiffer ribs, as well as rigid weight cover mountings. The internal components feature improved tolerances and surface finishes.

The material is cast specifically to Joest South Africa’s specifications for robustness. “Joest South Africa places a major emphasis on engineering and manufacturing its products to the most stringent quality standards,” Schoepflin adds. Joest’s new exciter gearbox is assembled in-house at its newly expanded exciter gearbox assembly and refurbishment facility.

Furthermore, a double-flange configuration reduces installation time and configuration errors on-site. This also simplifies spare parts requirements, as previously both left-hand and right-hand configurations had to be kept in stock. Joest South Africa's exciter gearbox range reaches noise levels of less than 85 dB. Joest South Africa is a locally owned OEM that designs and fabricates vibrating screens and feeders in-house. It has a 39-year track record of developing and supplying products for the African mining bulk materials handling market.

Joest South Africa's custom-designed vibrating equipment is engineered for tonnage, meaning that the equipment is characterised by its robustness and longevity in support of improving the customer's uptime. "We make a difference to our customers by means of unique engineered solutions, which means the lowest cost of ownership for our customers," Schoepflin says.

The company is committed to providing a fast turnaround time, with 24/7 customer service through its comprehensive network of service centres and branches located in all of the major mining areas in South Africa, in addition to a significant stockholding of OEM parts, which includes Joest South Africa's unbalanced motor and exciter gearbox range.



+27 (0)11 622 3744



+27 (0)11 622 9350



newsdesk@engineeringnews.co.za



<http://www.engineeringnews.co.za>

Copyright Creamer Media (Pty) Ltd. All rights reserved.