



VIBRATING SCREENS

REPLACEMENT PARTS & SERVICE to suit OEM exciter gearboxes

- Schenck •
- Metso •
- Ludowici •
- Joest •
- Thyssen Krupp •

A globally recognised engineering service provider offering complete screening solutions to the mining industry. Design, manufacture and refurbishment of screen, pan and grizzly feeders, and all types of exciter gearboxes is offered.



PRODUCT IMPROVEMENTS

EXCITER GEARING: Hofmann Engineering manufactures superior case hardened and ground gears to AGMA 10 (DIN 7) to replace the original through hardened gears in the exciter gearbox. The higher quality and harder gearing increases service life and reduces the build up of metal contaminants.

SCHENCK SLD 4385 EXCITER MOUNTING BEAM: Re-engineered exciter mounting beam with the following design improvements:

- Galvanised/painted with rubber coating
- Improved material properties
- Long cycle stress relief
- Welds dressed & shot-peened

Design improvements to the exciter beam remove potential crack initiation points to improve crack resistance of the beam, leading to extended service life and reduced plant downtime.



JOEST JR-606 EXCITER GEARBOX

Complete upgrade of exciter gearboxes to fully re-engineered and improved parts are available to increase service life.



LUDOWICI LE150 EXCITER GEARBOX

Complete refurbishments of Ludowici exciter gearboxes are available.



FULL LOAD TESTBED

Exciter gearboxes can be tested under full load after final assembly. Vibration analysis, temperature readings and oil samples are conducted to assess the gearboxes operation.

