

Wikov designs, manufactures, supplies and services a wide range of high performance gearboxes covering the whole mining process from extraction to bulk material processing and transportation. Wikov gearboxes are operated in most of the applications in open pit and deep mines for last decades.

Our success is based on experience we gained in our 130 years history, international team of R&D specialists and state of the art production technologies. These main pillars lead to identifying the best solution for you with maximizing functional and economical parameters of your application.

Mining Industry Gearboxes

Engineered Drive Solutions for Surface and Underground Mining



Wikov Manufacturing Facility

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The Essence of Engineering

Gearboxes and Gears for open pit and deep mine applications

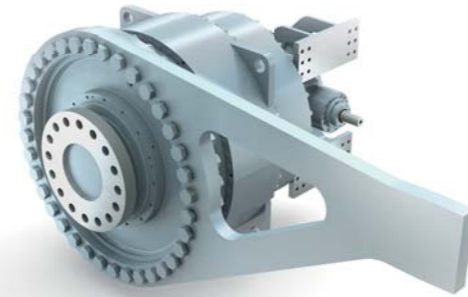
- Extraction**
- Bucket wheel excavators
 - planetary, bevel-helical, bevel planetary bucket wheel drive
 - planetary gearbox of tagging device
 - planetary gearbox of electric drum
 - planetary gearbox of belt drive
 - planetary or bevel-helical slewing gearbox
 - gearbox for elevation and extension of a jib
 - gearbox for unloading device elevation
 - bevel-planetary gearbox for track drives
 - Dredger drives
 - Dredger pumps
 - Drives of shearer loader heads
 - Armoured face conveyor drives
 - Mining hoist drives



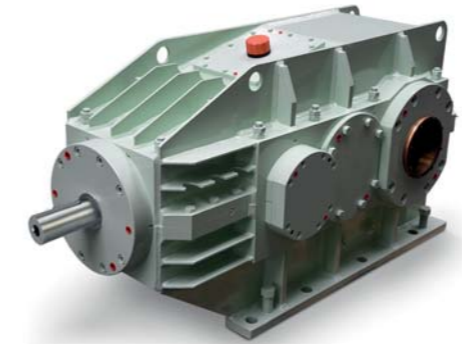
Innovative bevel-helical-planetary gearbox for bucket wheel drive



AFC gearbox

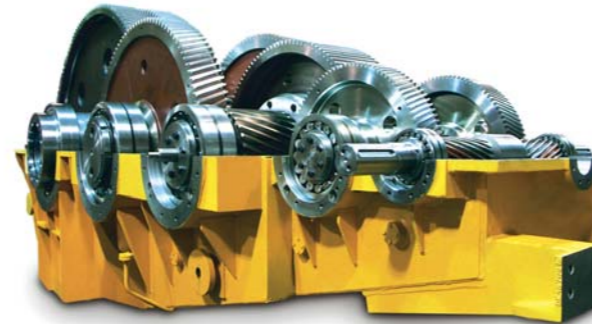


Bevel-planetary gearbox Orbi-flex for track drive



Belt conveyor drive gearbox

- Bulk Materials Handling**
- Belt conveyors
 - Stackers / reclaimer drives
 - Scraper drives
 - Haul trucks axle drives
 - Apron feeder drives



Gearbox for jib elevation and extension of KU 800 excavator

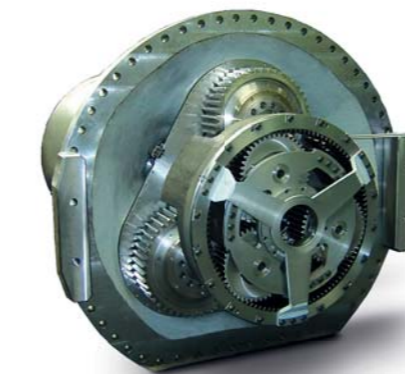


Mining hoist drive gearbox

- Grinding**
- Cone crusher bevel gear sets
 - Horizontal mill drives
 - Vertical mill drives
 - Roller press drives
 - Pinions and other spare parts



HPGR: Roller press planetary gearbox



Planetary haul truck axle gearbox

- Processing**
- Pump drives

Wikov – The Essence of Engineering

Gear manufacturing tradition since 1918

Standard or tailored solutions and rapid prototyping

Manufacture to latest international standards such as ISO, DIN, AGMA, API and others

In house load testing incl. NVH (noise, vibration and harshness) analysis

Service, overhauls and upgrades of own brand or other gearboxes

WiGuard remote condition monitoring system

Extensive experience with replacements of gear units and complete drives of own or other brands