



(2) Material handling drive solutions

Distance, weight and continuous operation are huge challenges throughout the delivery system. AOKMAN actuators are specially designed to ensure optimal mechanical performance, continuous and reliable operation.

Whether it is over long distances, in confined space conditions or in hot, arid mountainous areas, extreme conditions are the right work environment for our drives.



Crushing & Material handling

AOKMAN products range offers some of the best mechanical performance in terms of torque to mass ratio and reliability and make our products impress customers in applications such as crushers, belt feeders and conveyors.

(1) Crushers drive solutions

Crushing is a crucial process in the mineral industry, so reliability of the products for these applications must be high to ensure process continuity. AOKMAN solutions for crushers are robust and manufactured to the high quality criteria.

The components we can offer:

- Bevel-helical gear units
- Helical gear units
- Planetary gear units



■ K series



■ B series



■ P series

Bucket Elevators

Bucket elevators serve to vertically transport large masses of bulk material to different heights without creating dust.

Our drive solutions for bucket elevators include helical and bevel helical gear units B series and DY series.

The components we can offer:

- Bevel helical gear units with solid or hollow shafts
- Auxiliary drives with free-running clutch & backstops
- Swing bases / base frames
- Mechanical or hydraulic couplings
- Motors



■ BK series



■ DY series



Belt Conveyors

Mining raw materials is becoming more challenging as mineral deposits become more remote. Belt conveyors remain one of the most cost effective solutions as they allow for large volumes of material to be transferred across most terrains and gradients.

AOKMAN has developed products to belt conveyors and special solution for difficult environmental conditions.

Such as the B series gear units are compact, have a high power density and are available in 26 construction sizes. They are well suited for multiple drives to meet very high power requirements. Due to the use of modular design, customers profit from short delivery times and an excellent price-performance ratio.

The components we can offer:

- ATA series shaft mounted gearbox
- SMR series shaft mounted gearbox
- DY series & B series right angle industrial gearbox
- P series planetary gearbox
- K series bevel helical gear-motor
- X.B series cycloidal pin-wheel gearbox
- R series in-line helical gear-motor



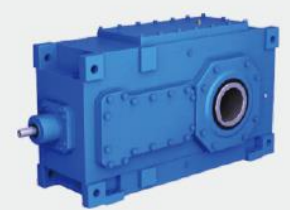
■ ATA Series



■ SMR Series



■ DY Series



■ B Series



■ P Series



■ K Series



■ X.B Series



■ R Series

Material grinding

(1) Horizontal Mill Drive

AOKMAN offers you a complete drive unit for your ball mill - whether for direct drive, pinion or girth gear drive solutions. Depending on requirements, our application engineers design a drive package with P series planetary and MFY series helical gear units for direct drives for ball mills solutions, and MBY series, H series, ZY series parallel shaft helical gear units for pinion & girth gear drives for ball mills drive solutions. In addition to our standard gear units, our tried-and-tested industrial gear units can also be used as auxiliary drives and seamlessly integrated into your existing system.



Direct drives for ball mills

The components we can offer:

- P series planetary gear units with primary gear units
- MFY series helical gear units
- Auxiliary drives with clutch
- Lubrication and Cooling systems
- Various couplings
- Brakes
- Base frames
- Coupling safety covers (input and output side)



■ MFY series



■ P series

Girth gear drives for ball mills

The components we can offer:

- MBY series multi-stage helical gear units
- H series multi-stage helical gear units
- ZSY series multi-stage helical gear units
- Lubrication and Oil cooling systems
- Motors
- Various couplings (input and output side)
- Base frames
- Auxiliary drives
- Girth gears in segmented design
- Pinions and bearing blocks



■ ZSY series



■ H series



(2) Vertical Mill Drive

Vertical mills are mainly used for slag, lime, ores and etc for the each industry. The pulverizing of mineral raw materials is an extraordinarily energy-consuming process. To make processes economically efficient, the power transmission equipment to be used must be adapted to the specific requirements of the preparation process.

Throughout the grinding process, AOKMAN solutions ensure fault-free, high performance processing and also further optimize and minimize your energy costs.

The components we can offer:

- Planetary gear units with bevel-helical gear stages with oil cooling system
- Lubrication systems
- Motor and couplings



■ MLX series

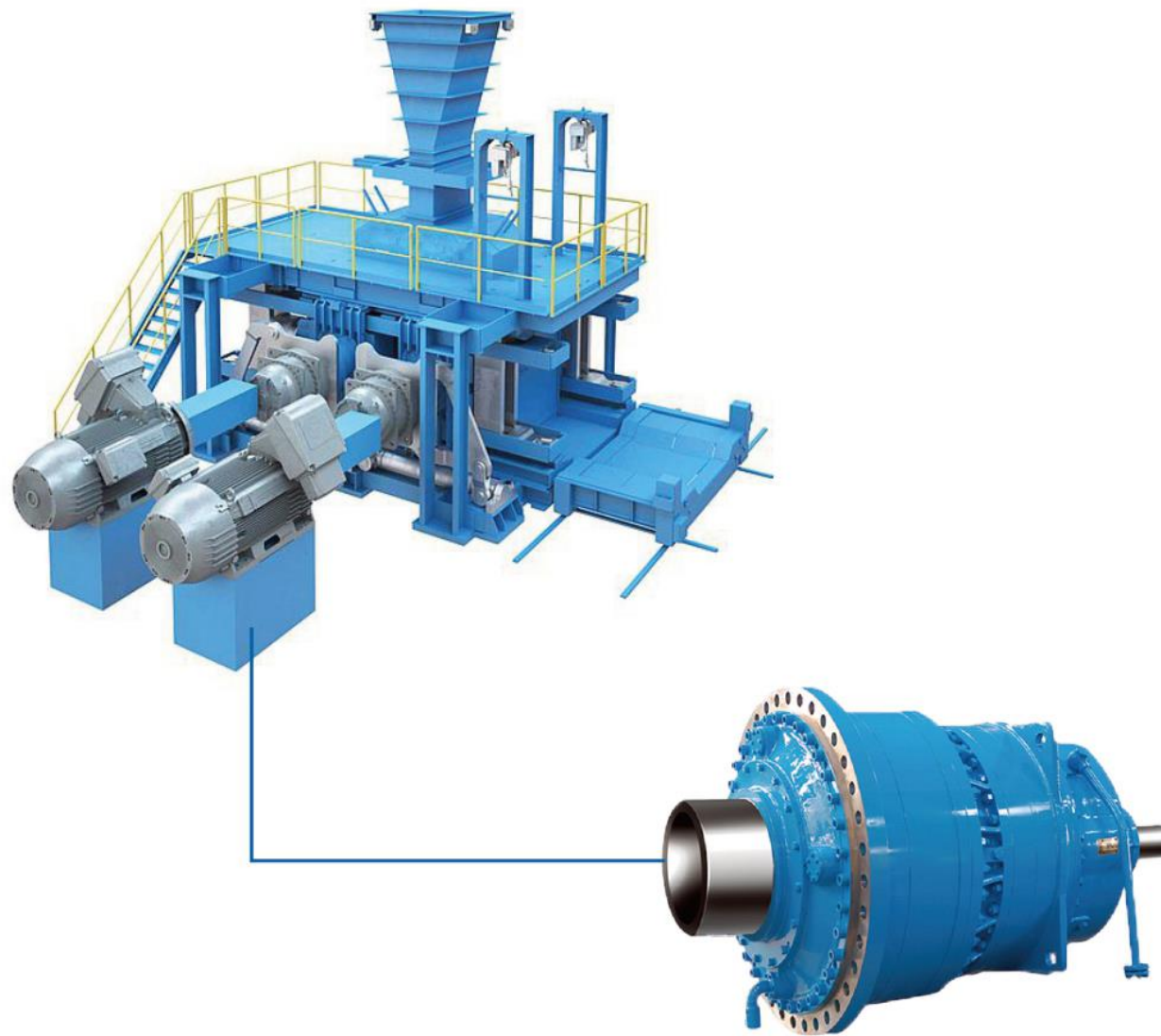
(3) Roller Press Drive

High-pressure rolling mills are particularly demanding applications that call for high performance and reliability from the drive systems.

The grinding process must be guaranteed energy-efficient and reliable at the same time.

The components we can offer:

- Drive systems with planetary / helical gear unit combinations
- Lubrication and Oil cooling systems
- Shrink disk
- Safety clutches
- Auxiliary drives via sprocket
- Customer-specific torque supports

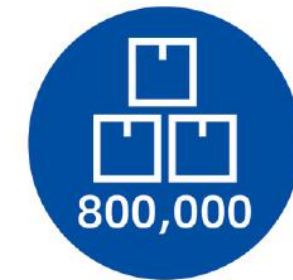


■ RPG series

KEY FIGURES ABOUT AOKMAN



Aokman factory was founded in 1982



The factory has constructed area of 800000 square meters



Our global network of 100 commercial partners



Production made of more than 3000 experienced workers



Foreign Subsidiaries in Pakistan and South Africa



Annual production capacity 98 000 sets