

Rod Mill Block / Varioblock



Design
Supply
Service



Rod Mill Block - The field-proven Unit

Modern rod mill processes are characterised by high productivity. The material is shaped at high mill delivery speeds and low product temperatures to obtain defined metallurgical effects, entailing high requirements to be met by the equipment. Therefore, the rod mill blocks operating in the high-speed range are of a particularly rugged design.

MWE rod mill blocks features

- Product speeds up to 100 m/s (designed for 120 m/s) due to optimised mechanisms
- Low gear speeds compared to roll speeds
- Roll forces and roll torques designed for low-temperature rolling
- Large spaces to accommodate antifriction and friction bearings
- Gear shafts supported in heavy-duty cylindrical roller bearings of special cage design and in precision angular-contact ball bearings
- Five-year preventive maintenance intervals for gear units and power dividers
- Optimised tooththing
- Use of best-for-purpose tooth materials from leading manufacturers
- Oil filtration to give maximum cleanliness
- Use of roller entry and exit guides for the product, with preloaded bearing assemblies purchased from market leaders, permitting hoseless supply of coolant and aerosol lubricant while adopting the MWE principle

