

ALTRA FOR METAL PRODUCTION APPLICATIONS

Altra companies provide a comprehensive offering of mill spindles, couplings, U-joints, gear motors, speed reducers, brakes, torque-limiting devices and backstopping clutches to meet the needs of the metal mill industry. Products are designed to withstand harsh mill environments including dirt, dust and high temperatures, while providing exceptional personnel safety and equipment protection.



Couplings & Shaft Locking Devices

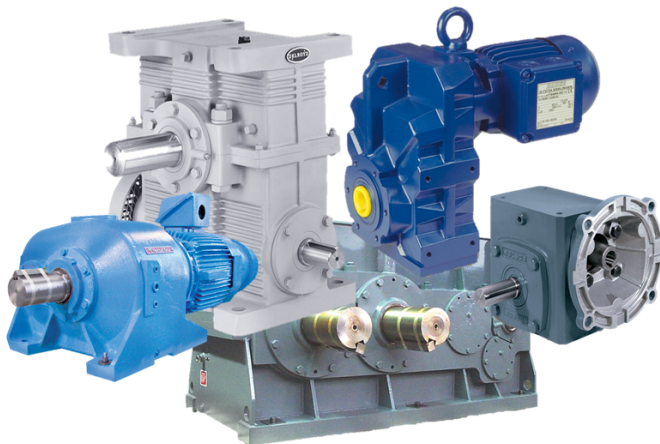
Slab and strip quality and thickness control can be influenced by the performance of a mill's universal joints and mill drive gear spindles. Major mills rely on Altra's innovative mill spindle advanced gearing technology and operating efficiency to keep their mills running smoothly. Altra U-joints feature swing diameters up to 1200 mm to provide exceptional endurance and reduced vibration on metal shredders, continuous casters and roughing, finishing, cold and pipe mills worldwide. Durable shaft locking devices and gear couplings are used on a variety of mill equipment. Altra elastomeric couplings are often found on roller table applications due to their superior environmental performance. Stromag Top Torque Shaft Couplings have a longer lifetime, higher torque and higher speeds than competitors in the metals industry.

Ameridrives

Bibby Turboflex

Stromag

TB Wood's



Gear Motors & Enclosed Gearing

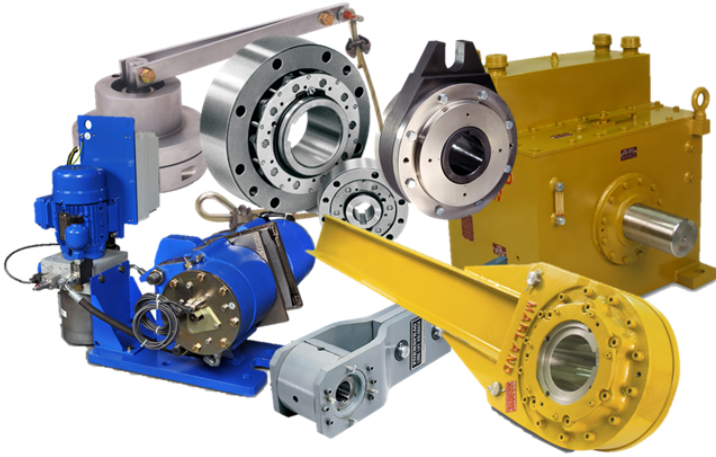
As the leading innovator of worm and helical gear technology, Altra continues to develop features to meet the demands of the metal mills market. Altra offers a full range of geared motor solutions for applications throughout metal mills including a model specifically designed for use on roller tables. Altra speed reducers and gear motors are built for rugged duty on all types of mill stands, recoilers, straighteners, levelers, flatteners, slitters, shears and scrap choppers.

Bauer Gear Motor

Delroyd Worm Gear

Nuttall Gear

Clutches & Brakes



Twiflex caliper brakes are typically found on cranes and hoists, processing lines, coke barrel reclaimers, and various rail car applications. Altra backstops and CECON overrunning clutches are utilized to prevent backward rotation during power-off situations on iron ore, coal coke and scrap conveyors. Heavy-duty water-cooled brakes from Wichita are designed for continuous slip tension applications such as coilers and recoilers, and their clutches are frequently used on presses and shear drives. Stromag fail-safe brakes offer reliability, long life and safe operation while enabling a simple and fast setting

Formsprag Clutch

Twiflex

Marland Clutch

Wichita Clutch

Stromag

Belted Drives & Torque Limiters



Rugged TB Wood's sheaves and V-belts are utilized on certain types of large metal shredders as well as cranes and conveyors. TB Wood's also provides unmatched made-to-order capabilities accommodating special drive requirements. TB Wood's variable speed sheaves incorporate a proven lubrication system that eliminates fretting, corrosion, freezing, and sticking. Exclusive cam followers exert side wall pressure on the belt in proportion to the torque required to carry the load. Bibby Torque Limiters, with up to 95% torque setting accuracy, are also found in many metals applications including divide shears, torque limiter with brake discs, plate turnover devices, crop shear drives, mill drive shears, tube mill drives and high speed rod mill drives.

Bibby Turboflex

TB Wood's

Service and Spare Parts



Kraft Power service and support are available for routine and scheduled maintenance and are on call 24/7 for power emergencies. Our experienced technicians are factory-trained and certified to service and maintain peak performance for equipment of nearly all makes and models. Our commitment to your satisfaction is supported by an extensive inventory of manufacturers' genuine parts to ensure maximum uptime for your equipment.