



**Ameridrives™  
Rebuild and  
Repair Service**



# Ameridrives™ Rebuild and Repair Service

## AMERIDRIVES COUPLING PRODUCTS WAS FOUNDED IN 1928

as Zurn Industries, Inc. For the past 70 years, Ameridrives has been an industry leader in the supply of flexible, power transmission gear couplings and spindles for the most critical and demanding applications.

Ameridrives began manufacturing industrial universal joints in 1978 and quickly became the North American market leader. We pride ourselves on being able to offer an American made product for the most demanding applications in the world.



In 2004, Ameridrives became part of the Altra Industrial Motion group of companies that went public in December 2006.

Altra Industrial Motion acquired All-Power Transmission, a leader in small drive shafts, in 2006 renaming to Ameridrives Power Transmission and further expanding our universal joint product line. Since 2017 the APT range of products has been branded as Ameridrives Couplings.

In 2023, Altra Industrial Motion and its brands were acquired by Regal Rexnord Corporation.

Today, we pride ourselves on being able to offer one of the most comprehensive lines of universal joints in the industry. We are the only American manufacturer of large universal joints up to 1300 mm in diameter with local sales and engineering support. Ameridrives' goal is to always work closely with our customers to optimize a design for maximum life and develop a long-term rebuild and repair program.

[www.ameridrives.com/repair](http://www.ameridrives.com/repair)



## WHY DO CUSTOMERS CHOOSE AMERIDRIVES OVER ANY OTHER BRAND?



**Problem:** A major steel producer was experiencing excessive wear and vibration of the gear spindles on their 5-stand tandem cold mill with various spindle brands lasting only 6 months. Over time the surface damage to the steel from the spindle vibration (chatter) caused the operator to either slow the mill down, reducing production by 20% to reduce the vibration, or replace the spindles completely

**Solution:** Ultimately, Ameridrives was called to provide a more reliable spindle. The Ameridrives advanced gear design spindles lasted twice as long as the competitor units. Soon after, Ameridrives application engineers approached the mill with an even better solution. They recommended that all the gear spindles be converted to universal joints which would reduce surface damaging vibration almost completely, while allowing the mill to run at faster speeds.

## REPAIR AND REBUILD

Comprehensive services include the inspection, remanufacturing and repair of all original equipment manufacturers' shafts, spline sections, yokes, flanges, knuckles and journal cross assemblies.

### Ameridrives is capable of repairing:

• Koyo® • Maina • Voith® • Najico™ • GWB™ • Morgan Koelling • GEWES®

## AMERIDRIVES PROVIDES TOTAL REBUILD AND RETROFIT SERVICES

for all Ameridrives equipment as well as a number of retrofit services for a number of competitors' equipment.

### Total services offered are:

**Engineering** Ameridrives is a true OEM of a complete line of Universal Joint parts, so we can offer full engineering services to address all your application needs and improve performance.

**Repair Program** We become your partner to maximize your driveshaft life and performance. Detailed inspection and repair reports let you know exactly what options you have. Comprehensive programs will help reduce overall costs and reduce unnecessary downtime.

**Inspection** Evaluate the condition of the gears, shafts, bearings and seals during a visual and dimensional inspection.

**Bearing Replacement** Capable of replacing other manufacturer's bearings with interchangeable components or retrofitting with a standard Ameridrives bearing assembly package.

**Yoke Repair** Restore quality of yoke to "Like New" for various OEM yokes.

**Spline Repair** Fix minor gouges and cracks along length of spline as well as the capability to replace completely damaged spline sections.

**Welding** Re-weld existing flanges, shafts and yokes on any number of reusable pieces of equipment.

**Non Destructive Testing** Dye penetrant testing for cracks in the yoke, flange, journal cross and spline.

**Painting** Complete painting of the shaft and joint assembly in any color the user requests.

**Lubrication Routine** Lubrication for shipping and storage (priming) as well as full lubrication for immediate use.

**Training Seminars** Covers all phases of repair and rebuild in a hands-on program: inspection, teardown, reassembly and testing.

### Expedited and Emergency Service Available from our OEM Stock and Manufacturing Capability

## QUALITY ASSURANCE

From inspection and teardown to reassembly and complete unit testing, each step is planned and executed within the requirements of our Quality Management System.

### Rebuilt Ameridrives Units include "Factory New" Warranty



**Problem:** A leading Midwest seamless tube piercing steel mill was experiencing repetitive OEM universal joint knuckle failures on their mandrel and piercing mills. The original OEM universal joint knuckles would catastrophically fail without warning, turning rollers and other component fragments into projectiles which created a major safety concern. Failures were unpredictable, with some breaking down in days, weeks, or months, creating substantial delays and often shutting down production.

**Solution:** Ameridrives developed a new, custom-engineered knuckle solution that provided years of service compared to the premature failures of the original OEM universal joints. Ameridrives was also able to retrofit the existing yokes with new cross and bearing kits after verifying the strength of the existing material, saving the mill money. As the yokes began to wear beyond repair, Ameridrives had the ability to design and manufacture drop-in replacements.



# AMERIDRIVES™

## Regal Rexnord

[ameridrives.com](http://ameridrives.com) | [regalrexnord.com](http://regalrexnord.com)

### North America Ameridrives Facilities

**Mill Spindles, Ameriflex, Ameridisc,  
Universal Joints, Driveshafts,  
Mill Gear Couplings**

1802 Pittsburgh Avenue  
Erie, PA 16502 - USA  
814-480-5000

**Gear Couplings, Small  
Industrial Driveshafts**

2000 Clovis Barker Road  
San Marcos, TX 78666 - USA  
888-449-9439

**Irrigation Universal  
Driveshafts**

300 Indiana Highway 212  
Michigan City, IN 46360  
219-874-5248

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GBW™ is a registered trademark of Spicer Gelenkwellenbau GmbH; Dana Inc.

najico™ is a registered trademark of Nakamura Jico Co., Ltd.

Morgan Koelling is a brand of Morgan Construction Co.

GEWES® is a registered trademark of Gelenkwellenwerk Stadtilm GmbH - GEWES

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To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

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