



**Universal
Joint
Rebuild
and Repair
Service
for the
North
American
Metal
Shredder
Market**



AMERIDRIVES... A LEGACY OF LEADERSHIP

For more than 90 years, Ameridrives has been an industry leader in the supply of flexible power transmission gear couplings for the most critical and demanding applications. Ameridrives began manufacturing industrial universal joints in 1978 and quickly became the North American market leader.

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 along with a comprehensive rebuild and repair program.



AMERIDRIVES' REBUILD AND REPAIR FACILITY IN ERIE, PA ALLOWS NORTH AMERICAN SHREDDER OPERATORS TO SIGNIFICANTLY REDUCE DOWNTIME

Metal shredder facilities in North America, with an eye on increasing output while reducing costs and downtime, can send their damaged Ameridrives or competitor U-joints directly to our facility in Erie, Pennsylvania.

We're built for speed

We understand that every hour of shredder downtime can cost thousands of dollars. That's why our facility is set up and staffed to provide fast turnaround of all our customer U-joint repairs and rebuilds.

Expedited and emergency service

We offer emergency rebuild services for those instances when a U-Joint needs to be repaired within a matter of hours and returned. Our dedicated team of technicians work after hours and over the weekend, if necessary. We've had customer trucks waiting in our yard while repairs to a damaged shaft were completed. In a couple cases, the paint was still wet as the repaired U-Joint was loaded on the waiting truck for transport to the customer's location.

WE REPAIR AND REBUILD ALL MAJOR U-JOINT BRANDS

Due to the extensive experience and knowledge of our technicians, we can repair or rebuild all Ameridrives U-Joints, as well as, major competitor models, including...

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



AMERIDRIVES PROVIDES TOTAL REBUILD AND RETROFIT SERVICES

Our comprehensive services include the inspection, re-manufacturing and repair of all shafts, spline sections, yokes, flanges, knuckles and journal cross assemblies. We are also able to provide in-house Non-Destructive Testing (NDT) of cracks in the yoke, flange, journal cross and spline.

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 cap ability 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 (NDT) 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, tear-down, reassembly and testing.



QUALITY ASSURANCE

From inspection and tear-down 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

AMERIDRIVES PROVIDED 30-HOUR WEEKEND U-JOINT REPAIR TURNAROUND FOR A METAL RECYCLER IN SOUTH CAROLINA



Problem: A large metal recycling facility in South Carolina needed an Ameridrives U3440 U-Joint repaired quickly on its 5000 HP auto shredder. A piece of unshreddable material hit the machine's rotating hammer, causing the U-joint's bearing cap to fail. In the case of a jam, the shaft's bearing cap is designed to fail in order to protect the more expensive motor, drive shaft and rotor components. The facility quickly contacted Ameridrives on a Friday morning. Ameridrives assured the customer that an emergency repair could be performed in a matter of hours. Armed with the original drawing of the shaft that was sold to the shredder OEM, Ameridrives was able to meet the challenge.

Solution: The damaged shaft was loaded on a dedicated truck that immediately headed out to the Ameridrives facility in Erie, PA. When the truck arrived, a team of waiting Ameridrives technicians quickly dis-assembled the knuckles and damaged area. A comprehensive inspection was performed, including an NDT to be sure the shaft's yokes were not cracked. The Ameridrives team began working over the weekend to repair the damaged section of the yoke and replace all the bearing assemblies on both ends of U-joint. The shaft was repainted while still "warm" and loaded onto the truck that had been waiting in the Ameridrives parking lot while work was completed. The repaired "as new" shaft arrived at the customer's facility by mid-afternoon on Sunday and the shredder was back in operation on Monday.

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Universal Joints, Driveshafts,
Mill Gear Couplings*

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San Marcos, TX 78666 - USA
888-449-9439

*Gear Couplings, Small Industrial
Driveshafts*

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

Irrigation Universal Driveshafts

The Brands of Altra Motion

Couplings

Ameridrives
www.ameridrives.com

Bibby Turboflex
www.bibbyturboflex.com

Guardian Couplings
www.guardiancouplings.com

Huco
www.huco.com

Lamiflex Couplings
www.lamiflexcouplings.com

Stromag
www.stromag.com

TB Wood's
www.tbwoods.com

Linear Systems

Thomson
www.thomsonlinear.com

Geared Cam Limit Switches

Stromag
www.stromag.com

Engineered Bearing Assemblies

Kilian
www.kilianbearings.com

Electric Clutches & Brakes

Matrix
www.matrix-international.com

Stromag
www.stromag.com

Warner Electric
www.warnerelectric.com

Belted Drives

TB Wood's
www.tbwoods.com

Heavy Duty Clutches & Brakes

Twiflex
www.twiflex.com

Stromag
www.stromag.com

Svendborg Brakes
www.svendborg-brakes.com

Wichita Clutch
www.wichitaclutch.com

Gearing & Specialty Components

Bauer Gear Motor
www.bauergears.com

Boston Gear
www.bostongear.com

Delevan
www.delevan.com

Delroyd Worm Gear
www.delroyd.com

Nuttall Gear
www.nuttallgear.com

Engine Braking Systems

Jacobs Vehicle Systems
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Precision Motors & Auton

Kollmorgen
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Miniature Motors

Portescap
www.portescap.com

Overrunning Clutches

Formsprag Clutch
www.formsprag.com

Marland Clutch
www.marland.com

Stieber
www.stieberclutch.com

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