

**Altra  
Couplings,  
Clutches &  
Brakes  
Repair &  
Rebuild  
Services**



*Bibby Turboflex • Twiflex • Wichita Clutch*



## ALTRA MOTION PROVIDES QUALITY POWER TRANSMISSION SOLUTIONS FOR A WIDE RANGE OF INDUSTRIAL DRIVELINE APPLICATIONS

With engineered components and systems that provide the essential control of equipment speed, torque, positioning, and other functions, Altra products can be used in nearly any machine, process or application involving motion. From precision motors embedded in medical robots to heavy-duty brakes used in rugged mining applications, the 25 brands of the Altra group have been solving complex customer challenges around the world for decades.

Altra's industry-leading brands are committed to the guiding principles of operational excellence, continuous improvement and customer satisfaction in a wide range of markets, including mining, oil and gas, marine, defense and metals processing.

## ALTRA'S REPAIR AND REBUILD CAPABILITIES AT ITS BEDFORD FACILITY ALLOWS CUSTOMERS TO REDUCE COSTS AND DOWNTIME

Building on the capabilities at its multi-brand manufacturing facility, Altra strives to provide its UK customers with support for the life of their products. Altra offers complete repair and rebuild services for all brands manufactured at its Bedford, UK location, including:

- Bibby Turboflex High Performance (HP) and General Purpose (GP) disc couplings
- Bibby modular torque limiters
- Wichita Clutch pneumatic/hydraulic clutches and brakes
- Twiflex caliper disc brakes, centrifugal clutches and couplings

In addition, repair services are also extended to UK customers of Altra sister brands, Stieber (clutches and backstops) and Stromag (electromagnetic brakes).



### Certified Rebuild and Repair Services

As original equipment manufacturers, Altra brands have the teams, expertise and advanced manufacturing technologies to perform refurbishment work to the same exacting standards as the initial production specifications. This allows for all refurbished Altra components to be provided with an "as new" factory warranty.

[www.AltraMotion.com/en/UK-Service-and-Support](http://www.AltraMotion.com/en/UK-Service-and-Support)



**Scan to visit**  
Altra's UK Service,  
Support and  
Repair Page





## BENEFITS OF RETURN-TO-BASE MAINTENANCE

Factory-sanctioned repair service restores Altra power transmission components to a “as-new” condition. Customers get peace-of-mind by accessing the original manufacturer’s expertise to analyse the unit and conduct OEM-quality repairs to match the original specification. Managed service regimes and qualified repairs deliver the lowest through-life ownership costs and keep existing components operational while offering a saving compared to new equipment.

### **In-depth Knowledge**

With a dedicated service and repair teams co-located with the production lines, customers are guaranteed to receive expert attention throughout the rebuild process; from initial inspection and analysis to manufacturing, machining and assembly in the most efficient manner.

### **Availability**

A major advantage of line-side repairs is the proximity to the spare parts inventory and infrastructure that facilitates rapid repair times and minimises downtime for the customer. Made-to-order component rebuilds are supported by original drawing archives and engineering team oversight.

### **Speed**

Unplanned downtime is costly. In addition to planned service interventions, breakdowns are managed through the repair process to ensure the timely return of critical equipment, whether it is a brake, clutch or coupling.

### **Upgrades**

It is inevitable that components have a finite service life. If improvements in design, materials or technology will yield an advantage in wear rates, Altra engineers will provide guidance on the upgrade options available.

### **Preventative Measures**

Customers are invited to call on the Altra service team to conduct site surveys and component reviews. These proactive actions can anticipate potential equipment issues and help plan maintenance. If an on-site visit is not feasible, then return-to-base triage and health checks will reduce the likelihood of future unexpected breakdowns.

Save time and the disruption associated with equipment failures by planning inspections and maintenance interventions. Apart from the obvious cost saving, routine remedial work performed before problems arise can help prevent consequential damage to adjacent installations and often requires a shorter time window than reactive repairs.



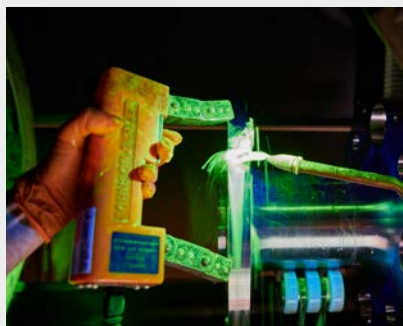
## WORKSHOP SERVICES AND CAPABILITIES

Altra's Bedford manufacturing plant recently upgraded 5000 m2 facility is ISO9001:2015 certified. New multi-axis combination CNC machines have been integrated into extremely efficient lean manufacturing processes, based around multi-disciplinary machining and assembly cells. Capabilities include:

- Repair or refurbishment using genuine parts to original design specifications
- Returned parts in as-new condition with the original manufacturers warranty
- Hydraulic and pneumatic assembly and test equipment
- Magnetic particle inspection NDT
- Centrifugal clutch setting
- Dedicated shaft coupling balancing stands
- In-house paint shop and phosphating tanks



## WHY DO CUSTOMERS CHOOSE ALTRA'S REPAIR & REBUILD SERVICES?



Products are thoroughly inspected and a detailed report is sent to the customer.

Image 1: CMM inspection process in the dedicated test/inspection lab.

Image 2: Coupling parts undergoing magnetic particle inspection.



## QUALITY-CONTROLLED REPAIR PROCESSES BUILT FOR SPEED

Customer components that are shipped to the facility for refurbishment are moved through the workshop following a defined process to provide the highest level of service in a timely and efficient manner. We understand that preventing unnecessary downtime and avoiding the associated costs is critically important to our customers.

### Receipt of Goods

Customer's initial contact with the team to identify their need and secure a goods return number. This allows the incoming part(s) to be tracked through the system, minimizing the risk of delays. The service team will provide a quote for a "strip-and-survey" action.

### Inspection

On receipt of the part, the strip-and-survey order is processed and a report (with photographs documenting the findings) is sent to the customer. If the component is repairable, a supporting quotation for replacement parts and labour is also sent.

### Rebuild/Repair

Refurbishment order is processed and, once all replacement parts needed are in-hand, the component rebuild is started.

### Testing

Where appropriate, rebuilt units are tested prior to packing and shipping.

### Warranty

All Altra refurbished products are dispatched with a full "as-new" warranty (scope may vary depending on the product and specific work performed).

## WHY DO CUSTOMERS CHOOSE ALTRA'S REPAIR & REBUILD SERVICES?



A North Sea oil and gas operator returned this Bibby spacer coupling for complete refurbishment. The unit was disassembled, de-greased, and major components shot blasted before a critical dimension check, MPI inspection and phosphating. The flexible elements and all hardware were replaced before the unit was rebuilt.





## ON-SITE SERVICE AVAILABLE

The provision of on-site service is an important part of Altra's business, whether scheduled or contractual maintenance visits or a call-out reacting to a customer need. The scope of on-site work depends on the product and application. Please consult the customer service team to discuss your specific requirements, or to schedule a visit to your site by one of our highly qualified service engineers.

- Installation and commissioning of new equipment and systems
- Asset and inventory analysis and rationalization/recommendations
- Supply, fitting and setting of genuine spare parts
- Scheduled servicing/asset management programme
- Upgrades and retrofits
- Breakdown support and analysis



## WHY DO CUSTOMERS CHOOSE **ALTRA'S REPAIR & REBUILD SERVICES?**



The largest ship-repair complex in the UK required the rebuild, to as-new condition, of a pair of Twiflex modular brakes. All wear items – including the brake pads and seals – and fasteners were replaced as a matter of course. Corroded parts were shot blasted and replated where possible, damaged parts replaced, and the unit rebuilt, painted and fully tested.



## SERVICE AND REPAIR CONTACTS

Dedicated customer service teams are in place to provide information regarding strip and survey, repairs and refurbishments and on-site service requests.

### For requests relating to Bibby Turboflex disc couplings contact:

#### **Bibby Turboflex (Sales Office)**

Unit 16, Victoria Spring Business Park  
Wormald Street  
Liversedge, UK  
WF15 6RA  
Phone: +44 (0)1924 460801  
Fax: +44 (0)1924 457668

Email: [sales@bibbytransmissions.co.uk](mailto:sales@bibbytransmissions.co.uk)  
[www.bibbyturboflex.com/company/service-and-support](http://www.bibbyturboflex.com/company/service-and-support)

### For requests relating to Bibby torque limiters; Twiflex brakes, clutches and couplings; or Wichita brakes and clutches, contact:

#### **Twiflex (Factory)**

317-319 Ampthill Road  
Bedford, UK  
MK42 9RD  
Phone: +44 (0)1234 350311  
Fax: +44 (0)1234 350317

Email: [info@twiflex.com](mailto:info@twiflex.com)  
[www.twiflex.com/company/Facility-Information](http://www.twiflex.com/company/Facility-Information)  
[www.wichita.co.uk/company/Support](http://www.wichita.co.uk/company/Support)

***Twiflex customers in the UK that require Stieber or Stromag product rebuild/repair support, use Bedford contact information above.***

## WHY DO CUSTOMERS CHOOSE ALTRA'S REPAIR & REBUILD SERVICES?



When clutch or brake units of an uncertain age are received – such as this Wichita SSM – the parts are automatically sent for asbestos cleaning before work can commence. Aging rubber parts, such as the air-tube, are replaced to ensure longevity of the rebuilt unit, while major components are retained unless they exhibit damage that would affect operation.

## A Global Footprint to Support Customers Around the World

- ★ Altra Headquarters
- Altra Engineering & Service Centers
- Altra Manufacturing Facilities

## 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**  
www.jacobsvehiclesystems.com

### Precision Motors & Automation

**Kollmorgen**  
www.kollmorgen.com

### Miniature Motors

**Portescap**  
www.portescap.com

### Overrunning Clutches

**Formsprag Clutch**  
www.formsprag.com

**Marland Clutch**  
www.marland.com

**Stieber**  
www.stieberclutch.com



www.altramotion.com