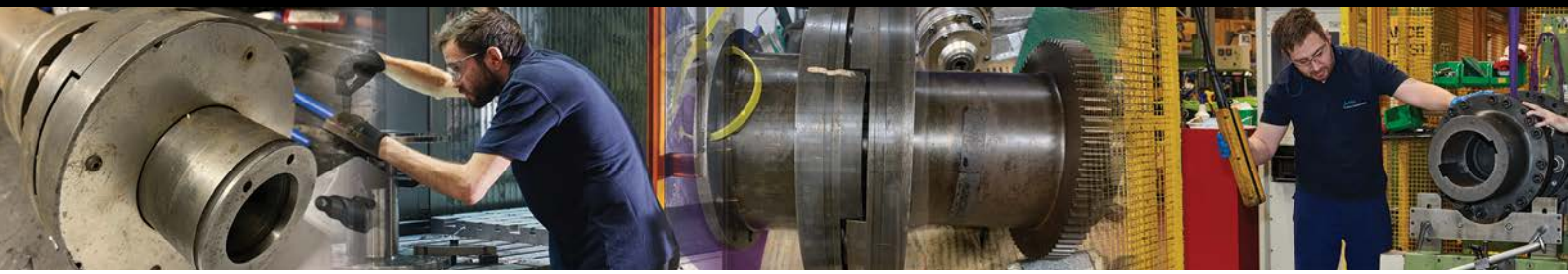




# Bibby Turboflex Coupling Recertification Programme





The Bibby brand has been providing power transmission solutions for over 100 years. Today, its portfolio comprises torque control products and industrial disc and diaphragm couplings to customers globally. Key industries served include power generation, marine propulsion, oil and gas, pumps and fans.

## AVOIDING UNPLANNED DOWNTIME

The impact of lost production caused by unplanned machine downtime can be great. Compounded by the need for immediate rectification, often at a premium, a robust preventative maintenance regime to mitigate this risk is essential. This should also extend to the assets that connect this critical equipment, such as high-performance couplings.



## COUPLING RECERTIFICATION PROGRAMME

Ideally, local spares inventory mitigates the risk of unplanned downtime by providing a readily available alternative when crucial operating equipment must be removed from service. In the event a coupling – perhaps worn or damaged by corrosion or contamination, or from operation in an exceptionally harsh environment – is removed from operation and substituted by a ready-to-use replacement, it may be returned to the Bibby team for rebuild.

This factory sanctioned repair service restores your coupling assets to a like-new condition. Access the original manufacturer's expertise to analyse the unit's wear characteristics and conduct OEM quality repairs to the original specification. Managed service regimes and qualified repairs deliver the lowest through-life ownership costs and keep existing assets operational while offering a substantial savings compared to new equipment.



## STEPS TO RECERTIFICATION

The recertification process returns a coupling to condition comparable to a brand-new unit, at a greatly reduced cost to the customer. In doing so, wear or damage from time-in-service is rectified.

- To determine the extent of this requirement, the process begins with complete strip down and inspection.
- A summary report is generated documenting all the remedial work (and replacement components) required.
- All hardware items are replaced as a matter of course (including the disc packs, shims and fittings).
- MPI inspection of critical components (i.e. those in the torque path) ensure that even hidden damage is identified and addressed.
- Application of the appropriate protective coatings.
- Balancing of the rebuilt coupling is carried out according to the original specification.

Disc couplings are not 'consumables' and may generally be considered maintenance-free. If the wear or damage characteristics highlight an underlying design or operational issue, recertification can be a time to introduce modifications or enhancements that may extend the periods between maintenance interventions.

## RECERTIFICATION SCOPE

While it was conceived for the API671-compliant portfolio, the full range of Bibby high performance (HP) and general purpose (GP) couplings may be returned to the factory for the recertification process. The major benefit of this original manufacturer-provided service is access to the inherent expertise of the factory repair team. The most value is realised in the HP segment as a high performance (and, typically, high speed), critical plant asset.

Third party manufacturer products may be considered for Bibby rebuild, subject to certain criteria and coupling characteristics. As a general rule:

- Couplings with rated speeds below 3600 rpm
- Couplings with a continuous torque capacity below 165 kNm

Please contact the repair team to discuss your specific needs.

Any preventative maintenance regime will benefit from coupling recertification, providing the confidence of a factory sanctioned repair at a lower cost than replacement units, underwritten by an as-new warranty.



## Service and Repair Contacts

For information regarding strip and survey needs, repairs and refurbishments, or on-site service requests, dedicated customer service teams are in place to provide support.

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## The Brands of Altra Motion

### **Couplings**

**Ameridrives**  
[www.ameridrives.com](http://www.ameridrives.com)

**Bibby Turboflex**  
[www.bibbyturboflex.com](http://www.bibbyturboflex.com)

**Guardian Couplings**  
[www.guardiancouplings.com](http://www.guardiancouplings.com)

**Huco**  
[www.huco.com](http://www.huco.com)

**Lamiflex Couplings**  
[www.lamiflexcouplings.com](http://www.lamiflexcouplings.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**TB Wood's**  
[www.tbwoods.com](http://www.tbwoods.com)

### **Linear Systems**

**Thomson**  
[www.thomsonlinear.com](http://www.thomsonlinear.com)

### **Geared Cam Limit Switches**

**Stromag**  
[www.stromag.com](http://www.stromag.com)

### **Engineered Bearing Assemblies**

**Kilian**  
[www.kilianbearings.com](http://www.kilianbearings.com)

### **Electric Clutches & Brakes**

**Matrix**  
[www.matrix-international.com](http://www.matrix-international.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**Warner Electric**  
[www.warnerelectric.com](http://www.warnerelectric.com)

### **Belted Drives**

**TB Wood's**  
[www.tbwoods.com](http://www.tbwoods.com)

### **Heavy Duty Clutches & Brakes**

**Twiflex**  
[www.twiflex.com](http://www.twiflex.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**Svendborg Brakes**  
[www.svendborg-brakes.com](http://www.svendborg-brakes.com)

**Wichita Clutch**  
[www.wichitaclutch.com](http://www.wichitaclutch.com)

### **Gearing & Specialty Components**

**Bauer Gear Motor**  
[www.bauergears.com](http://www.bauergears.com)

**Boston Gear**  
[www.bostongear.com](http://www.bostongear.com)

**Delevan**  
[www.delevan.com](http://www.delevan.com)

**Delroyd Worm Gear**  
[www.delroyd.com](http://www.delroyd.com)

**Nuttall Gear**  
[www.nuttallgear.com](http://www.nuttallgear.com)

### **Engine Braking Systems**

**Jacobs Vehicle Systems**  
[www.jacobsvehiclesystems.com](http://www.jacobsvehiclesystems.com)

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**Kollmorgen**  
[www.kollmorgen.com](http://www.kollmorgen.com)

### **Miniature Motors**

**Portescap**  
[www.portescap.com](http://www.portescap.com)

### **Overrunning Clutches**

**Formsprag Clutch**  
[www.formsprag.com](http://www.formsprag.com)

**Marland Clutch**  
[www.marland.com](http://www.marland.com)

**Stieber**  
[www.stieberclutch.com](http://www.stieberclutch.com)

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