

Highly engineered for performance in a competitive world, our full range of power transmission components and vibration management solutions will help both your driver and driven equipment work in concert with the laws of physics, run efficiently, and boost your productivity.

METALLIC COUPLINGS

HERCUFLEX® GEAR COUPLINGS

BENEFITS

Incorporate the latest in Finite Element Analysis (FEA) technology with the revolutionary HercuFlex Gear Coupling

FEATURES

- Unequaled bore (sizes from 7/16" to 44") and torque capacity (to 54,000,000 in-lbs)
- Seal design increases contamination resistance
- Interchangeable with standard AGMA and industry standard
- 1.5° of misalignment per gear mesh



ELASTOMERIC COUPLINGS

QUICK FLEX® COUPLINGS

BENEFITS

Choose QUICK FLEX when you are ready to reduce downtime, reduce maintenance, and reduce your total cost of coupling ownership. This could be the last coupling you ever need.

FEATURES

- Transmit the same or higher torque than a gear, grid, chain or elastomeric coupling with similar dimensions
- Easy to install and requires no lubrication, lifespan matches the rotating equipment
- Replace insert in minutes
- Up to 2° misalignment



GRID COUPLINGS

BENEFITS

Protect power transmission systems from vibration and shock with an all-metal, flexible grid coupling

FEATURES

- Interchangeable with industry standards up to size 1260
- Available in spacer style designs
- 25 Sizes with a maximum bore of 20" and a maximum torque of 8,250,000 in-lbs



S-FLEX ENDURANCE™ SHEAR TYPE COUPLINGS

BENEFITS

Transmit uniform loads such as pumps and fans, absorb shock, dampen vibration, and accommodate up to 1° misalignment with the extremely durable S-Flex Endurance

FEATURES

- Now lasts 3X longer
- Best performing EPDM material in the market
- Three sleeve materials provide adaptability to requirements such as intense shock loads and high vibration
- Inch and metric bores, interchangeable with industry standards



DISC COUPLINGS

BENEFITS

Eliminate the need for lubrication and reduce maintenance. Inspect without disassembly to keep things running

FEATURES

- The revolutionary disc pack profile design can accommodate .5° to 1.5° of angular misalignment
- No wearing parts
- Special styles available: spacer, close-coupled, drop-in, and adjustable
- Meets API 610, 671 Standards (certain models only)
- Torque capacity to 7,700,000 in-lbs



STRAIGHT JAW COUPLINGS

BENEFITS

If you prefer to stick to the basics and stick to what you know, use this, the most popular fail-safe coupling in power transmission

FEATURES

- Lovejoy offers the industry's largest variety of stock bore and keyway combinations of straight jaw couplings
- Hubs and inserts in many materials such as stainless steel, urethane, and bronze to cater to the needs in your environment no matter how harsh



LOVEJOY AND CURTIS® UNIVERSAL JOINTS

BENEFITS

Couple low to moderate speed and torque industrial applications and accommodate misalignment up to 25°

FEATURES

- Maximum bore of 2", many bore types available such as round, hex, square and splines
- Available in stainless steel
- Interchangeable with industry standards
- Easy removal of Curtis parts for repair for faster disassembly of the drive train



JAW IN-SHEAR COUPLINGS

BENEFITS

Expand the utility of your straight jaw. Convert it to an in-shear when you need to accommodate misalignment or want to reduce downtime when performing maintenance

FEATURES

- Accommodates nominal torque up to 183,000 in-lbs
- Ready for 16 standard sizes of Lovejoy hubs
- Replace spider in minutes without tools or removing hubs
- Twice the misalignment capacity over standard jaw
- Insert is 50D shore urethane max temp 200°F



ELASTOMERIC COUPLINGS (CONT.)

TORSIONAL COUPLINGS

BENEFITS
Simultaneously handle all forms of alignment, drive train geometry, weight transfers and other diesel related conditions

FEATURES

- Engineered coupling for any drive train involving diesel power or other sources of torsional excitation
- Isolate torsional vibration from the system
- 15 families of products
- Torque capacity to 33,000 in-lbs



CURVED JAW COUPLINGS

BENEFITS
European style machinery? You're covered with this European standard in jaw coupling technology.

FEATURES

- Available in sintered iron, cast iron, steel, and aluminum
- Accommodates nominal torque up to 230,000 in-lbs



SPECIALTY PRODUCTS & ACCESSORIES

MOTION CONTROL COUPLINGS

BENEFITS
Light duty, fractional horsepower, and precision applications such as servo and stepper motors

FEATURES

- Seven designs available
- Beam, bellows, mini-disc, Oldham, mini-soft, GS curved jaw and mini jaw



VARIABLE SPEED DRIVES

BENEFITS
For a mechanical method of speed adjustment

FEATURES

- Available in a wide range of sizes and horsepower ratings
- Steel and cast iron adjustable motor bases
- Grooved and flat companion sheaves



SHAFT LOCKING DEVICES

BENEFITS
Provides keyless locking of shafts to hubs

FEATURES

- Zero backlash
- Reduced maintenance
- Adjustable for easy radial timing and axial alignment



UNIQUE SOLUTIONS

BENEFITS
Your special circumstances call for a unique solution, give us a try

FEATURES

- DeltaFlex, Uniflex, Saga, Shaft Collars, Rigid Sleeve coupling styles
- GD Rigid Compression sleeve couplings for conveyors



TENSIONING & VIBRATION MANAGEMENT

RunRight®

RUNRIGHT® TENSIONERS

BENEFITS
Extend the life of belts and chains by applying a constant tension on the drive system

FEATURES

- Self adjusting/tensioning, easy to install
- Fits all chain sizes up to 120 single chain and C size belts
- 360° positioning flexibility
- Available in 7 stock sizes (4 sizes in stainless steel)



RUNRIGHT MOTOR BASES

BENEFITS
Provide a constant torque transmission with less energy consumption and increase the life of your drive system

FEATURES

- Sixteen standard motor bases for NEMA frames 143T to 5810 and IEC frames 90S thru 315M
- Handles motors 1/2 to 700 HP



RUNRIGHT ANTI-VIBRATION & OSCILLATION MOUNTS

BENEFITS
Dramatically reduce vibration & unwanted equipment movements & lengthen replacement intervals when compared to coil springs

FEATURES

- No metal to metal contact, low wear, low maintenance
- Available in 9 stock sizes (5 in stainless steel)



RUNRIGHT SUSPENSION UNITS

BENEFITS
Support or suspend vibratory equipment or drive systems; absorb tensile, pressure and shear loads, while providing effective noise reduction

FEATURES

- Design and material allow for units to function as a spring, bearing and dampener all in one
- Mount in any position, vertically or horizontally on the floor, ceiling, or wall



Lovejoy is recognized around the world as the premier supplier with the widest selection of shaft couplings and power transmission components. No matter the application, Lovejoy has the expertise, service, and solution for it.



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ISO 9001 Certified