

## DRIVESHAFTS & COUPLINGS

Addax/ Rexnord

### Addax Couplings

These advanced composite coupling systems have been installed around the world and are utilized for a number of applications. The patented flex element was developed to withstand harsh conditions and high misalignment problems found in cooling towers. The advanced composite full floating center section weighs less than 25% of a comparable steel spacer. With almost twice the critical speed of metals and up to an 80% reduction in overhung bearing loads, these composite couplings reduce vibration and extend driven equipment bearing life.



TB Woods Incorporated

### Form-Flex Couplings

Form-Flex® couplings transmit torque while compensating for angular, parallel and axial misalignment between two connected shafts. Flexible disc couplings minimize the misalignment forces on the connected equipment.



Amarillo Gear Company

### Amarillo Composite Driveshafts

#### High Strength to Weight Ratio

Composite center spacer member weight is a mere fraction of the weight of a steel drive shaft center member.

#### Inherent Corrosion Resistance

Composite materials have corrosion resistance exceeding that of 316 stainless steel.

#### Long Spans

Eliminates requirement for high maintenance and costly intermediate pillow block bearings.

Patented Composite Flex Disc

Low maintenance; no fretting corrosion of steel "shim" packs, plus much easier installation and maintenance.

Dimensionally Stable

Very low Coefficient of Thermal Expansion (CTE).

Vibration & Shock Control

The natural dampening of composite materials reduces the transmission of vibration throughout the power train, resulting in less wear and tear on mechanical equipment.