

KEIR

Composite Flyer Bows

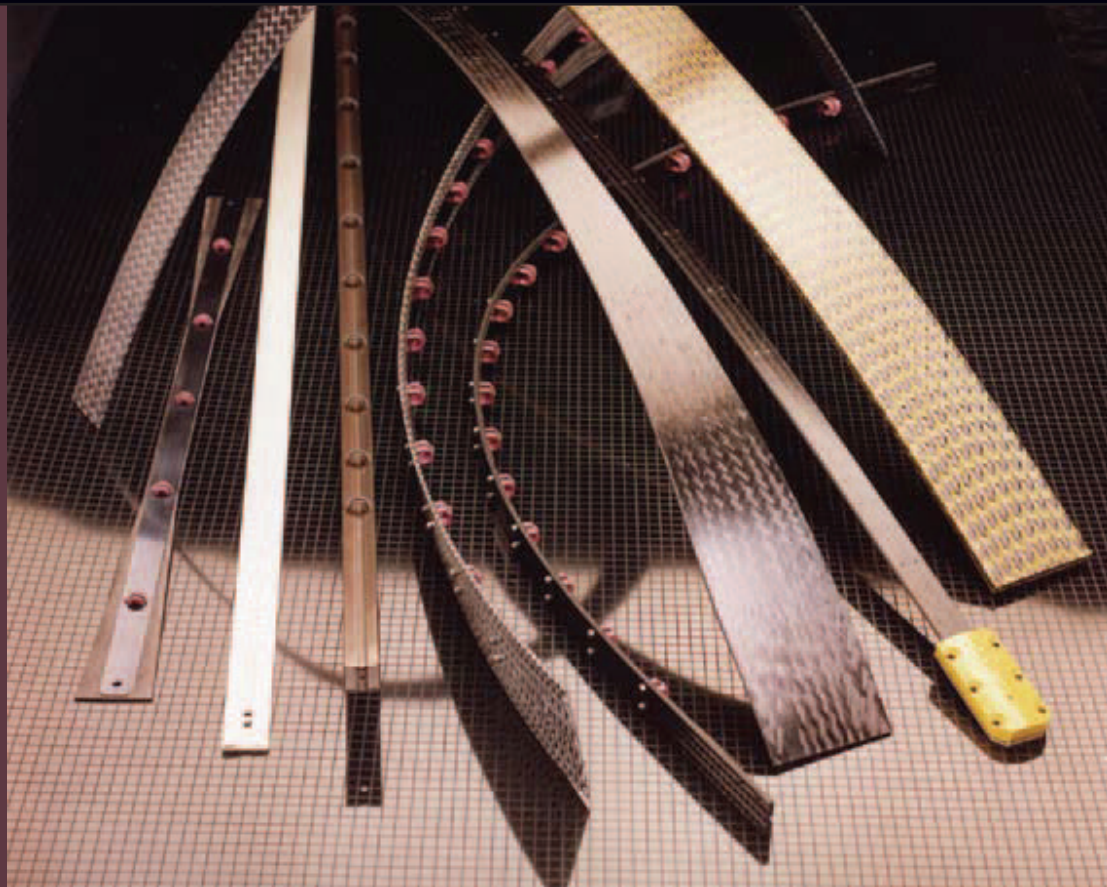
In 1990, a new and unique high-performance flyer bow was introduced to the wire industry. By combining aerospace-proven composite materials technology with a revolutionary triaxial braiding process, a quantum advancement in strength and durability was achieved.

The superior performance and quality of these bows were immediately recognized and, in less than three years, they became the volume leader in the replacement market worldwide.

Kamatics Corporation designs and manufactures a wide variety of patented, high-performance products used in thousands of critical applications in jet aircraft, helicopters, space vehicles, ships, and submarines.

Applying advanced aerospace analytical and fabrication techniques, Kamatics evolved a broad range of significantly improved flyer bow products. This is an ongoing effort directed at providing even greater toughness to withstand wire hits and improved aerodynamics, allowing higher wire line speeds while reducing bearing loads and machine noise.

In March 2010 KEIR Manufacturing, Inc acquired the Wire Products Business Unit of Kamatics.



Features

- Triaxially braided construction
- Aerodynamic design
- Toughened epoxy matrix
- Lighter weight
- Adjustable tensile, flexural & torsional properties

Benefits

- Higher operating speeds
- Increased survival rates
- Less machine downtime
- Reduced bearing loads and noise

Composite Flyer Bows

A product of **KEIR Manufacturing, Inc.**

www.KEIRmfg.com



A Different Approach

Custom Engineered

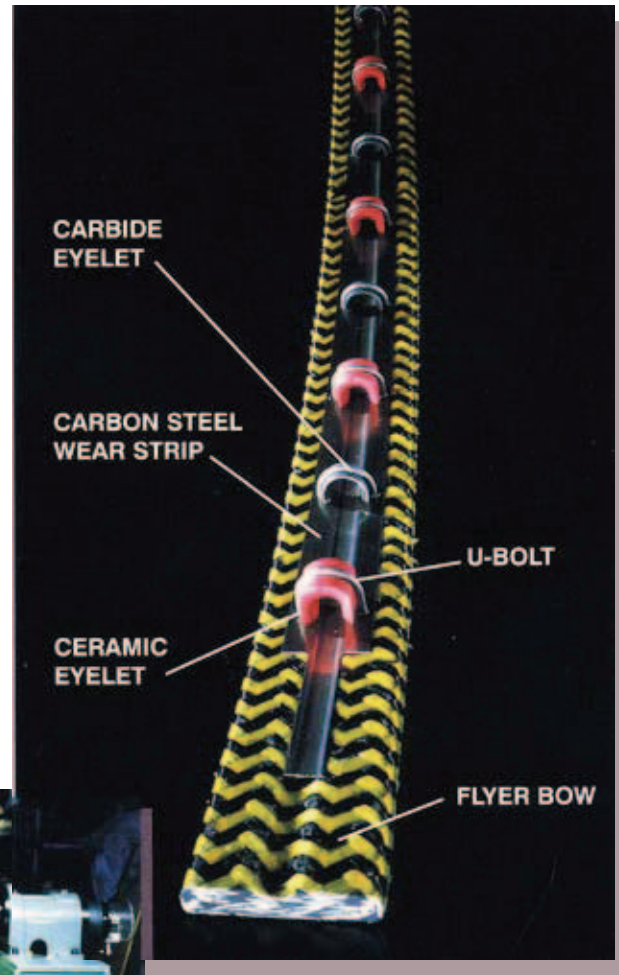
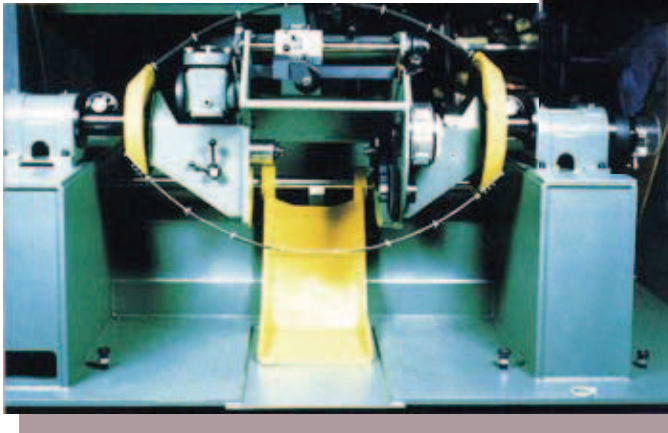
To meet your individual requirements.

New Materials

Special toughened epoxy with carbon, glass, and Kevlar fibers.

Unique Construction

Triaxial braided fibers, oriented to optimize flexure and strength.



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