



INSPECTION & SCANNING



INSPECTION



SMOOTH
MOTION



LONG
LIFE



ROTARY



MULTI-AXIS
CAPABILITIES

Bishop-Wisecarver® products are the right motion systems for a variety of scanning and inspection applications across industries.

Laboratory/medical industry OEMs rely on Bishop-Wisecarver to deliver smooth and quiet motion, as well as corrosion resistance after sterilization.

In quality control applications, Bishop-Wisecarver technology can smoothly and precisely traverse long lengths and curvatures.

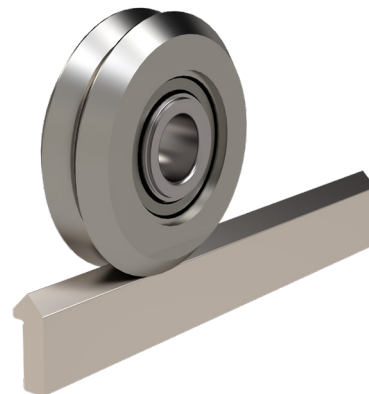
Our guides, actuators, and complete automation systems supply reliable motion whether your equipment analyzes small electronic assemblies or entire airplanes.

SMOOTH GUIDED MOTION TO MATCH YOUR APPLICATION

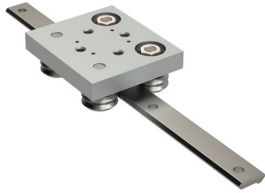
At the core of our systems and actuators is **DualVee Motion Technology®**. As vee wheels run on their matching track, the angled profiles wipe any debris out of the way. This self-cleaning action keeps the motion extremely smooth and running reliably.

- *Corrosion resistant options – complete solutions with stainless steel, anodized aluminum, and polymer-overmolded components*
- *Vacuum-grade wheels ideal for lab, semiconductor, etc.*
- *Miniature linear guides (MinVee®) provide smooth motion in a low profile*

Bishop-Wisecarver has solutions that range from manually operated slides to precise, rigid actuators.



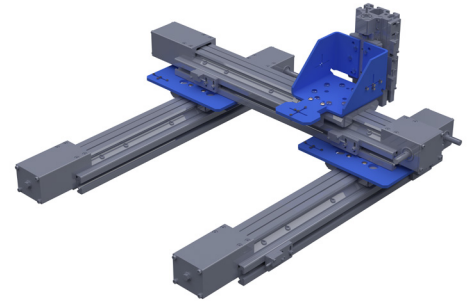
DESIGN THE PATH YOU NEED



Our vee track comes in base lengths up to 22 ft. (~6.7 m) and can be joined end-to-end to create long linear systems without the costs of precision machining.



Designing rotary tables, long transfer circuits, and indexed stations is easy with HepcoMotion® Precision Ring and Track and Driven Track Systems.



Take the guesswork out of creating a gantry or multi-axis inspection system – simply connect LoPro® Linear Actuators with a Gantry Kit.

Design your optimal motion path with linear, rotary, or complex curved systems.

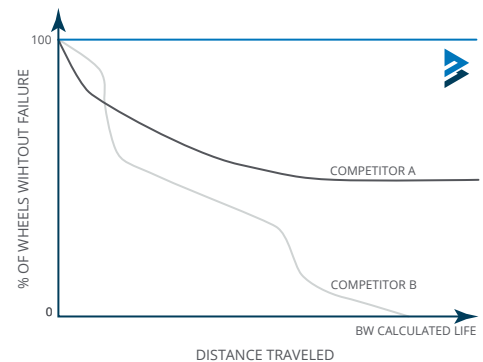
Vee guide technology can even combine with [linear motors](#) to offer highly versatile, independently driven carriage transfer at high speeds.

Bishop-Wisecarver® is proud to be the exclusive North American distributor of HepcoMotion® products since 1984.

LONG LASTING MOTION SYSTEMS

Importantly, Bishop-Wisecarver systems inherently provide **long life** with **low maintenance**. See how our DualVee® wheel and track systems outlast and outperform the competition in [this whitepaper](#):

PERCENT OF WHEELS WITHOUT FAILURE VS. DISTANCE



GET THE RIGHT SOLUTION FOR YOUR SCANNING OR INSPECTION APPLICATION

Our expert [Application Engineers](#) can help you design a motion system that meets all your application requirements - using standard or fully custom solutions.

Our customers tell us that Bishop-Wisecarver is much better than the competition by being easy to do business with, delivering on time, and providing products and services they can rely on. Leveraging 70 years of experience, Bishop-Wisecarver has earned the reputation for providing unmatched service and engineering support for every stage of your design cycle.

Complex Assemblies

- Electro-mechanical assembly
- Supply chain management
- P.O. consolidation and kitting

Motion Products

- Linear guides, actuators and stages
- Rotary & curvilinear motion guides
- [Multi-axis actuated systems](#)

Automation and Integration

- Mechanical motion system design
- Electronic engineering
- Motion control analysis and integration

Production Support

- Profile extrusion design
- Machining and finishing
- Fabrication, prototypes and production

Check out our [product selector](#) to learn more about the Bishop-Wisecarver products that fit your needs or our [CAD downloads](#) to see our products in your design!