



INGENUITY THAT ENDURES

Powered by more than 70 years of relentless problem-solving and steadfast reliability, Bishop-Wisecarver delivers innovative motion solutions around the world that thrive in harsh and extreme conditions. Our linear and rotary motion solutions, custom complex assemblies, and mechatronic solutions lead the manufacturing industry, and they are backed by our Signature Experience promise of expert guidance, confidence, and 100% customer satisfaction.

Much has changed in the world since our inception in 1950, but Bishop-Wisecarver remains a family-owned, American company committed to earning the trust of our customers with the highest-quality products. Our legacy started with creative manufacturing solutions that only Bud Wisecarver could envision. It evolved with the invention of the DualVee® track and guide wheel system, launching Bishop-Wisecarver into a world-class company. And it continues today in its second generation under his daughter, Pamela Kan, with an ever-growing portfolio of new patents, mechatronics, and forward-thinking solutions that our customers love.

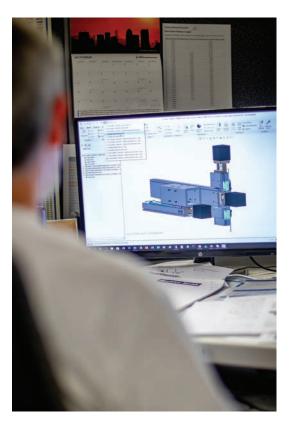
In manufacturing, few things are as important as reliability. When you purchase from Bishop-Wisecarver, you aren't just getting a product that works; you're getting products, systems, and industry-leading expertise you can trust, especially in harsh conditions and critical environments—always exceeding our customers' reliability requirements.



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Bishop-Wisecarver provides an ever-growing portfolio of new patents, mechatronics, and forward-thinking solutions that our customers love.

WHY BISHOP-WISECARVER?

As you examine solutions for your linear and rotary motion needs, consider a few of these strategic advantages and benefits to trusting Bishop-Wisecarver with your business.



Harsh & Extreme Environments

Bishop-Wisecarver is known globally for designing a family of products and systems that thrive under critical environments, and the most extreme conditions. Our products can be used in everything from high heat to freezing cold, impossibly long lengths, debris-filled conditions, and so much more. Our DualVee guide wheels traverse gaps easily, travel at high speeds, use internal rolling elements that stay lubricated for life, and feature smooth and quiet movement due to their low coefficient of friction. Bring us your most challenging projects, and we'll design a solution that endures.



Total Cost of Ownership

Bishop-Wisecarver takes pride in always delivering high-quality, reliable products that stand the test of time. Our self-cleaning DualVee guide wheel and vee track design requires less maintenance and guarantees a longer lifespan for our products. Our eccentric bearing feature allows for easy replacement of the guide wheels and wheel plate when assembled within your machine. With increased production and decreased downtime, Bishop-Wisecarver solutions save you time while reducing the risk of catastrophic failure.



Deep Engineering & Technical Expertise

With our roots as a custom machine builder, our rich knowledge, relentless ingenuity, and technical expertise permeate all we do. We integrate mechanical, electrical, and software engineering to deliver custom mechatronic solutions. This holistic approach provides you a faster time to market and increased revenues. We also simplify complex electrical-mechanical subassemblies, providing you a single-source solution from prototype to production, resulting in significant cost savings. And we always offer custom engineering services and technical expertise in motion, sensor, and actuator integration, real-time software development, and electromechanical modeling and design, even for just one system.



70+ Years of Family, Stability & Reliability

When you choose Bishop-Wisecarver, you're not only getting the industry's most trusted portfolio of products and systems, you're also getting unparalleled peace of mind. Having worked with more than 30,000 customers around the world, we are now in our second generation as a family-owned company. We are WBENC certified women-owned and an AS9100D and ISO9001 certified company. We take the quality of our products and services seriously, including being ITAR and RoHas complaint.

ENVIRONMENTS

CONDITIONS

OUR CORE COMPETENCIES

Bishop-Wisecarver products can be found in diverse applications and industries all around the world. From commercial to heavy-duty, linear to curvilinear, and multiple automation technologies, our expertly designed solutions are delivered to perform for a variety of needs:



SMOOTH



HIGH SPEED



LOW NOISE



LONG LENGTH



ROTARY/ CURVILINEAR





MOISTURE/ WASHDOWN



TEMPERATURES



HYGIENIC ENVIRONMENTS



ADHESIVES/ GLUING & COATING



CUTTING



WELDING



SCANNING

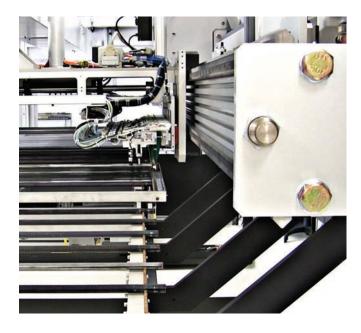


INSPECTION



TRANSFER



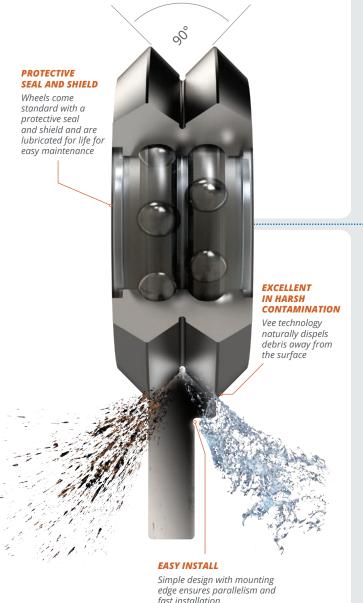




AT THE HEART OF OUR TECHNOLOGY

It all started with Bishop-Wisecarver's innovative DualVee guide wheel and track

DualVee Motion Technology® helps manufacturers and automation solution providers solve motion guidance requirements for critical environments and harsh conditions. Simple to install and maintain, the self-aligning track paired with the constant sweeping actions of our linear vee guide bearings result in a robust motion system.



Components

- Easy Installation
- · Lowest Cost for the Solution
- Flexible Mounting Options
- Fast Delivery
- Minimal Maintenance Requirements



Manual Guide

- Extremely Smooth Motion
- Handle Misalignment
- Simple Mounting
- Withstands Contamination
- Carbon, Stainless Steel and Polymer Versions



Actuated

- Multiple Drive Options Available
- Suitable for any Servo Motor
- Quickship Offering
- Unlimited Lengths
- Designed for Harsh Contamination



Rotary Systems

- Circular, Oval or Rectangular Systems
- Ability to Go from Straight to Curve
- Unlimited Sizes with Segmented Rings
- · Optional Built-in Rack Drive
- Wide Range of Load Capacities



7th Axes / Gantries

- Durable and Design-flexible Solutions for Cartesian & Articulated Robotics
- Cobot & Industrial Robot 7th Axes
- Inverted Robot Arm Transfer Units
- Easy-to-install Multi-axis / Gantry Kits
- Design Support from Motion Experts

WE ALWAYS DELIVER A SIGNATURE EXPERIENCE

At Bishop-Wisecarver, we infuse our in-house engineering and design expertise with resourcefulness and grit to come up with reliable solutions that get the job done. But what makes Bishop-Wisecarver truly special is our commitment to seeing the world from your point of view. In fact, we promise to listen carefully, ask questions throughout, and thoughtfully consider your complex and unique needs before designing your solution.

By defining success on your terms and following up with you post installation, we are able to guarantee a solution that exceeds your expectations on every project, every time. This promise, which we proudly refer to as our Signature Experience, pushes us to always exceed customer expectations with reliable motion solutions that are on time and on budget, with no surprises. It's about delivering reliability, increased efficiency, and customer loyalty with every solution we provide—and it truly sets Bishop-Wisecarver apart from the competition.







- Chris Bursack, Vice President of Sales & Business Development



"Bishop-Wisecarver provides everything you look for in a supplier: quality products, on-time delivery, and ready support that leads to the best value for the components we purchase."

- Michael Travis, Corporate Supply Chain Manager

MOTION SOLUTIONS FROM BISHOP-WISECARVER ARE LIMITED ONLY BY YOUR IMAGINATION

Components & Accessories

DualVee® MadeWell®

GV3 SL2

PRT2

HDS2

HDRT

MCS

Motor Mounts

Gantry Brackets

Wrenches

Manual Linear Guide Systems

DualVee®

UtiliTrak®

MinVee®

 $QuickTrak^{\it \$}$

GV3

Simple Select®

SL2

HDS2

MHD

HTS

Actuated Linear Guide Systems

Custom Solutions

Extruded Profile Guides

Custom Subassemblies

Large Diameter Ring Guides and Track

Engineering Services

Custom Bearings

LoPro® XLA™

ECO60™

SlickStick™

SteadyRail™

HDLS

HDCS

PDU2

DAPDU2

SBD

PSD

SDM

DLS

Rotary Guide Systems

PRT2

DTS2

DTS

ALR

HDRT 1-Trak

GFX

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