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Hevi-Re

IFIC BEARING

Our goal is to provide innovative solutions through the development and manufacturing of linear motion components, mechanical sub-assemblies and customized systems to meet our customers' application and product needs.

We are experts in linear motion.



redi-rail

vimplicity

www.pbclinear.com

WHO WE ARE

Since 1983, we have dedicated ourselves to aligning our precision linear components to our customers' needs and specifications. We also utilize our 150,000 ft² manufacturing floor to ensure sophisticated, high-performance products are consistently produced and shipped to their destinations on-time, every time. We work tirelessly to simplify linear motion applications and reduce cost using our vast design, mechanical and manufacturing expertise, and pass those benefits along to our customers.

CORE OPERATIONAL CAPABILITIES

- 3 FMS machining center lines
 130 Pallets
 24/7 production lines
- 30 CNC Machines Horizontal/Vertical Mills CNC Turning/ID OD Centerless Grinding
- Patent Pending SIMO[™] Process (Simultaneous Integral Milling Operation)
- Finite Element Analysis (FEA)
- Failure Modes and Effects Analysis (FMEA)
- Design Resources & Product Recommendations
- Rapid Prototyping
- Water Jet Capabilities



- MEDICAL
- LAB AUTOMATION,
- PACKAGING
- MILITARY APPLICATIONS.



PBC Linear was founded by engineers, for engineers.

CORE COMPETENCIES

- Full line of ground-breaking linear motion products that simplify application and reduce costs
- 24/7 in-house manufacturing allows us to ensure quality control and quick, on-time delivery
- PBC Linear's has a significant Patent Estate including:
 Pillow Block Housing for a Shaft-Supporting Bearing Linear Rail System with Preload Adjustment
 Linear Rail System with Preload Adjustment Apparatus
 Magnetic Thrust Motor
- (16) Patents Pending including: SIMO[™] (Simultaneous Integral Milling Operation) Integral V[™] Linear Guides MS Ball-Type Manual and Motor Driven System

LOOKING TO THE FUTURE

We plan to continue furthering our presence in the global market as an expert in linear motion solutions. From providing long-lasting components, to high performance mechanical sub-assemblies, all the way to complete linear solutions PBC Linear is your one source for expertise, reliability, and support.

LOCATIONS

PBC Linear's corporate headquarters is located in Roscoe, Illinois and operates through a network of distributors nationwide. Through the company's International division, PBC Lineartechnik GmbH operates in Germany and oversees the European markets.



OUR BRANDS

PBC Linear's corporate headquarters is located in Roscoe, Illinois and operates through a network of distributors nationwide. Through the company's International division, PBC Lineartechnik GmbH operates in Germany and oversees the European markets.



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1983	Pacific Bearing Company is founded by CEO Robert Schroeder
1985	Mr. Bob Schroeder invents the first self-lubricating plane bearing
1986 - 96	Simplicity product line vastly expands to include pillow blocks, linear slides and shafting
1997	PBC Headquarters relocated to 150,000 ft ² facility in Roscoe, IL
	Redi-Rail and Hevi-Rail products are launched
2000	Uni-Guide (a.k.a. Dolphin Guide®) (2) two piece modular guides is introduced to the market
2003	Mini-Rail [®] miniature linear guides released to market
2008	PBC Lineartechnik GmbH established to meet the needs of the European market
	Patent Pending Integral V™ technology is introduced at the renowned Hannover Messe tradeshow in Germany
	Pacific Bearing Co. changes name to PBC Linear to better position itself in the linear motion industry
2009	ML- Miniature Linear Actuator Series offers new opportunities for lab automation, biotech and compact applications.
2010	Low Profile Uni-Guide (UGA) is introduced to the market offering the same Uni-guide advantages, but in a compact 24mm height profiles.
2011	A major manufacturing expansion includes an additional FMS machine and a total of 130 pallets.