

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



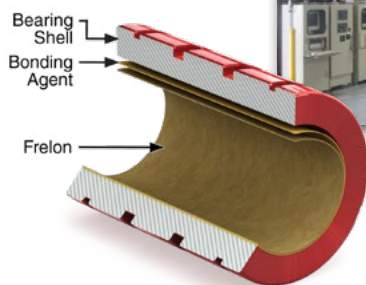
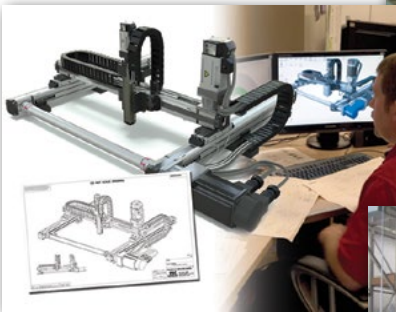
Engineering Your Linear Motion Solutions

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 200,000 ft² manufacturing floor space 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

- FMS machining center lines
- 24/7 production lines
- CNC Machines
- Horizontal/Vertical Mills
- CNC Turning/ID OD Centerless Grinding
- Patented 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



Specializing in Linear Motion Solutions for

- Digital Print, Scan, Etch • Kiosk & Automated Retail • Medical Equipment
- 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.

Brands

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- 1983 Pacific Bearing Company is founded by CEO Robert Schroeder 
 - 1985 Mr. Bob Schroeder invents the first self-lubricating plain bearing
 - 1986 - 96 Simplicity product line expands to include pillow blocks, linear slides and shafting
 - 1997 PBC Headquarters relocated to 150,000 ft² facility in Roscoe, Illinois
Redi-Rail and Hevi-Rail products are launched
 - 2000 Uni-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, offering the same Uni-guide advantages, but in a compact 24 mm height profile.
 - 2011 A major manufacturing expansion includes an additional FMS machine and a total of 130 pallets.
PBC achieves AS9100C certification the quality management system utilized by the aerospace and defense industries as well as ISO9001 certification.
 - 2012 PBC Linear introduces SIMO® Series Linear Motion Platform and Constant Force™ Technology
 - 2015 PBC Linear introduces the Compact Series Linear Guide Systems
 - 2017 PBC Linear introduces Lead Screw Assemblies
 - 2019 PBC Linear expands 66,000 ft² with new building at their main location