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.

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
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

PBC Linear 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.