



MILITARY & DEFENSE

LINEAR MOTION SOLUTIONS



PBC Linear®

6402 E. Rockton Road
Roscoe, IL 61073 USA



For more information visit www.pbclinear.com or call 1-800-962-8979

Cage Code: 79879

www.pbclinear.com

6402 E. Rockton Road
Roscoe, IL 61073 USA



PBC Linear®

MANUFACTURING

- Small Business Association
- 120,000 ft² manufacturing floor running 24/7
- High volume production of:
 - Linear motion components
 - Single-axis subassemblies
 - Multi-axis systems
- Custom integrated solutions
- Collaborative engineering partner
- Rapid prototyping

SPECIALTY MACHINING

- 37 CNC Lathes – 7 include Live Tooling Capabilities, Up to 14" dia. x 25" long
- 14 CNC Vertical Mills – Up to 64" x 32" x 30" work area
- 11 CNC Horizontal Mills – Up to 33.5" x 31.5" x 31.5" work area
- 3 5-axis Milling CNC Machines – Up to 31.5" x 27.56" x 23.62" work area
- 10 ID Grinders – .125" to 7.00" dia.
- 11 OD Grinders
 - Steel: .125" to 8.00"
 - SS: .312" to 1.00"
 - Alum: .374" to 3.00"
- Other machining capabilities: water-jet cutting, saws, hones, surface grinders and tumblers
- Proprietary SIMO® machining

MILITARY & DEFENSE

LINEAR MOTION SOLUTIONS



About PBC Linear:

PBC Linear is a fully functional 150,000 ft² manufacturing facility providing time and cost saving design solutions to the toughest application problems. Equipped with a wide selection of machining systems and lean manufacturing processes, PBC ensures quality products that simplify assemblies, remove weight and reduce cost.

NAICS

- 332710 – Machine Shops
- 332721 – Precision Turned Product Manufacturing
- 332991 – Flange Units/Pillow Blocks, with Ball, Roller or Linear Bearing Manufacturing
- 332992 – Small Arms Ammunition Manufacturing
- 332993 – Ammunition (except Small Arms) Manufacturing
- 332999 – All Other Miscellaneous Fabricated Metal Product Manufacturing
- 333613 – Mechanical Power Transmission Equipment Manufacturing
- 333999 – All Other Miscellaneous General Purpose Machinery Manufacturing
- 336413 – Other Aircraft Parts and Auxiliary Equipment Manufacturing
- 336419 – Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing

1-800-962-8979

CURRENT MILITARY

APPLICATIONS

Cage Code: 79879

www.pbclinear.com

6402 E. Rockton Road
Roscoe, IL 61073 USA



Simplicity

GUN MOUNT SUPPORT SYSTEM

- Simplicity® products dampen vibration to absorb strong gun recoil forces
- Wide operating temperatures for full range of battle conditions
(-400° F – +400° F / -240° C – +204° C)
- Equipped with self-lubricating Frelon® liner for extended product life
- Plain bearing technology handles the toughest contaminants for sustained, battle-tested operation



Hevi-Rail

TELESCOPING ARMAMENT RACKING SYSTEM

- Ergonomically designed to manually slide out 800 lbs racking systems for quick loading/unloading
- Provides sophisticated organization and easy-access to weapon racks
- Supports high cantilevered load and extends 7 feet!
- Superior engineering of Hevi-Rail® handles up to 60 tons!



SIMO

CUSTOM SOLUTION SIMO® EXTRUDED RAIL SYSTEMS PRECISION MACHINING PROCESS

- SIMO machined for custom and cut-to-length extrusions ensure precise fit and simple installation
- Custom extrusions machined for tight tolerances (± 0.001 "/ 0.025 mm)
- Ideal for long travel lengths requiring accuracy and straightness



www.pbclinear.com

PBC Linear

6402 E. Rockton Road

Roscoe, IL 61073 USA

+1.800.962.8979

+1.815.389.5600

pbclinear.com



PBC Linear®