

### Lead Screw Driven Automation

The Lead Screw Assemblies from PBC Linear form the perfect union of precision lead screws, anti-backlash nuts, and world class NEMA motors. Through years of testing and process improvements, PBC Linear is proud to offer the most accurate standard lead accuracy on the market.

### Lead Screw Assemblies

- Custom sizes, materials and finishes available
- Constant Force® screw and nut
- 300 Series stainless steel screw with PTFE coating
- NEMA 8-23 flange sizes-single, double, triple stack stepper motors

### Anti-Backlash Radial Force

The Lead Screw line from PBC Linear was designed to work perfectly with the Constant Force Anti-Backlash nut. Through years of testing and process improvements, PBC Linear is proud to offer the most accurate standard lead accuracy on the market.

- **CNC Roll Threading:** Allow for standard accuracies of .003"/ft. (2-3 times better than the competition). Precision lead accuracy of .001"/ft is available upon request.
- **300 Series Stainless Steel**
- **PTFE coating available**
- **Smooth is better:** Proprietary process has resulted in less pitting and flanking, which results in longer life. Internal and customer testing have the screw/nut combination lasting at 6,000 miles in continuous duty. (application dependent)



### Low Profile Linear Motion

The Compact Series Linear Guide System from PBC Linear® is designed to provide smooth, accurate, and repeatable

linear motion in tight spaces. The Compact Series boasts a low profile—23 mm—standard system height making it an ideal solution for applications such as lab automation, medical, automated delivery systems, dispensing robotics, and electronic board manufacturing.

### Compact Series

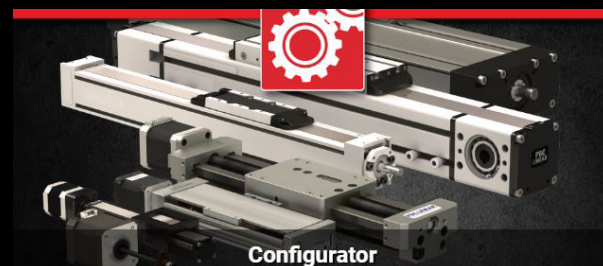
- Plain bearing or ball bearing options
- Lead screw diameter and lead options
- Constant Force® Technology nuts or standard fixed nuts
- Motor options: integrated motor or motor mount setup



### On Hand Lead Screws Available to ship



>> Check out all the options in stock today.



If your specific needs require a custom solution, use PBC Linear's configurator to build a customized product to your specifications.

>> Go To PBC Linear Custom Configurator