

PBC Application News



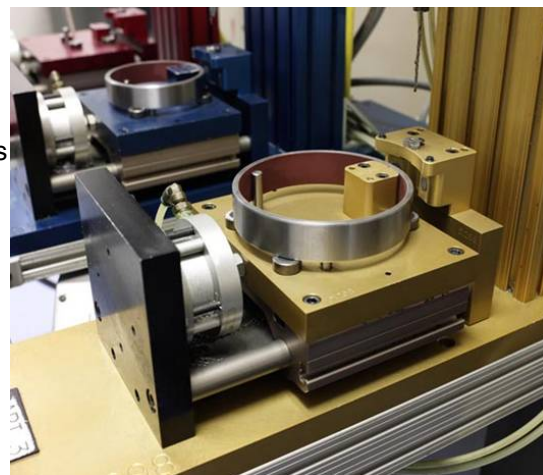
Uni-Guide Endure Under Heavy Industrial Stress

The industrial environment poses a multitude of challenges for reliable linear motion. Heavy work loads, shock vibration, extreme temperatures, caustic chemicals, dirt and grime all play a part in causing traditional linear guide systems to fail. However, industrial surroundings are one of many applications PBC Linear's Uni-Guide linear slide excels—providing precision linear travel under any hardship.

Using a simple, drop-in assembly unit, the Uni-Guide installs in a snap, and can be mounted in a variety of orientations. Also, the Uni-Guide is equipped with PBC Linear's proprietary Frelon liner to allow for smooth, self-lubricating, and maintenance-free linear motion. Chemicals, dirt and other ordinarily harmful particulate do NOT effect the Uni-Guide's performance. The linear slide simply glides over the contaminants with unaltered precision. The Frelon liner also protects the Uni-Guide in heavy wash down applications.

Installed in industrial applications all over the globe, the Uni-Guide has furthered PBC Linear's reputation for ensuring high accuracy linear positioning even when subjected to the harshest of environments. Some examples include handling heavy loads, absorbing shock vibration for precision welding applications; providing superior motion control that is also easily adjustable in machine tooling applications; or enduring heavy contamination and flying particulate in CNC milling applications.

The Uni-Guide comes in lengths up to 10' and is available with several custom mounting options and additional components to fit into any potential application with ease and maintain high performance. For more information on PBC Linear's Uni-Guide, please call 1.800.729.9085, email to marketing@pacific-bearing.com, or visit us on our Uni-Guide dedicated webpage at UniGuide.pbclinear.com.



Uni-Guide in machine tooling application



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888-839-5693

www.pbclinear.com