

Manual BiSlide Systems - Velmex




Manual BiSlide® Assemblies

The Velmex BiSlide positioning stage's modular design makes it highly configurable for a multitude of different motion-control applications. The manual BiSlide assembly is available in a choice of linear travel distances up to 84 inches.

Constructed with hard-coat anodized, aluminum dovetail ways and smooth motion PTFE bearings; BiSlides deliver higher rigidity for longer life and more precise movement. BiSlides have a load capacity of 300 lbs. (136 kg.) horizontally and 100 lbs. (45.4 kg.) vertically. Straight-line accuracy is 0.003" (0.076 mm) over entire travel distance. Repeatability is 0.0002 inch (0.005 mm).

Because BiSlide components are interchangeable, they can easily be reconfigured as the need arises. One, two and three axis systems are created by simply bolting together standard components utilizing the advantages of T-slot framing.

If you have questions about your specific application or want us to design a BiSlide System for you, please complete the Request Assistance form or call Velmex to speak to one of our Application Engineers.

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