

# Velmex Manual XSlide Systems



## Manual XSlide™ Assemblies

The Velmex XSlide is a compact positioning stage highly suitable for either high performance incrementing or scanning of smaller loads. Their compact design makes them ideal for limited space applications. Constructed with hard-coat anodized, aluminum dovetail ways and smooth motion PTFE bearings; XSlides deliver higher rigidity for longer life and more precise movement when compared to other dovetail designs. XSlides have a load capacity of 35 lbs. (15.9 kg.) horizontally and 10 lbs. (4.5 kg.) vertically. Straight-line accuracy is 0.003"/10" (0.076 mm/25 cm).

The carriage rides on the outside of the ways allowing for a more compact design and easier access for adjustments. With a cross-sectional profile of 1.88" (48 mm) by 1.22" (31 mm), the XSlide comes in eight standard travel lengths from 2" (50 mm) to 30" (76.2 cm).

XSlides can be manually-operated or motor-driven. Note: Manual XSlides cannot be converted to motorized. They would need to be returned to the factory for conversion. Purchase a motor-ready version to add a separately purchased motor.

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

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