

Velmex Manual UniSlide



Manual UniSlide® Assemblies Overview

Velmex UniSlide Assemblies are available in manually-operated and motor-driven models to meet a wide range of applications when reliable, precise linear motion is a requirement. UniSlide stages are compact, delivering maximum travel in the shortest amount of work space. Their modular design allows for easy construction of multi-axis systems.

There are five manual series of Linear UniSlide Assemblies. Configurations include Free Sliding, Screw Drive, Rapid and Fine Motion; Graduated Knob and Scale with Vernier. Left-Right Screw Motion UniSlide systems feature two carriages (sliders) and are ideal for applications where two load objects must share a common axis of movement. Standard travel distances of Velmex Manual Linear UniSlide systems range from 1.5" (3.81 cm) to 42" (106.7 cm). There are three manual series of XY Tables. There are four series of Elevating Tables. UniSlide Elevating Tables and UniSlide XY Tables can lift up to 100 lbs. (45.5 kg.).

UniSlide Linear Slide Assemblies, XY Tables, Elevating Tables and Velmex Rotary Tables can be combined for an infinite selection of custom configurations. Note: Manual UniSlides 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 UniSlide System for you, please complete the Request Assistance form or call Velmex to speak to one of our Application

Engineers.

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