Vertical Slide Assemblies

Linear Positioning - Vertical Slides

These linear positioning slides provide smooth, repeatable, z-axis positioning, of instrumentation, tooling, and equipment via a rigid slide mounting arrangement. The extremely robust construction, including oversized guide rails and high PV bearings allow mounting in an extended vertical position. These slides also allow for a horizontal mounted slide to be attached allowing movement in the "Y" and Z axis's. Standard options include hand-wheel choices, position locks, and adjustable backlash lead screw nuts. Engraved dials, and digital position indicators, provide a means for accurate positioning repeatability.

Use Generic Slides – Quality manufactured Positioning Slides, as an effective and cost efficient solution to your instrumentation, manufacturing and automation systems needs.

Applications Include:

- Optics adjustments
- Laser positioning
- Adjustable sensor mount
- Positioning label dispensing equipment
- Positioning marking equipment
- Non-destructive testing
- Fixturing tooling and part locating nests
- Part scanner mounting
- Automatic screw driven mounts
- Insertion equipment
- Fluid dispensing equipment
- Water-jet cutting
- Adjusting positioning of routing, drilling and milling spindles and tooling
- Automation devices

Features:

- Travel up to 72 inches
- Table Widths from 2" to 18"
- Delicate to coarse adjustments
- Smooth motion
- Y-Z Tables

Construction:

- Heavy section HardCote™
- Radically oversized guide rails
- Rolled thread drive screw
- Adjustable backlash drive screw nut
- High PV composite bearings
- Position lock

Standard Options:

- Engraved Position Dials
- Digital Positional Indicators
- Y-Z Tables
- Long Travel Units
- Custom Table Sizes
- Custom Mounting Holes