

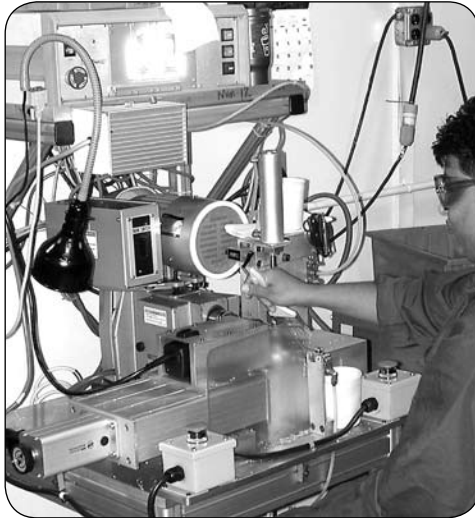


2 Machines & Slides

Techno Linear Motion Catalog technoautomation.com

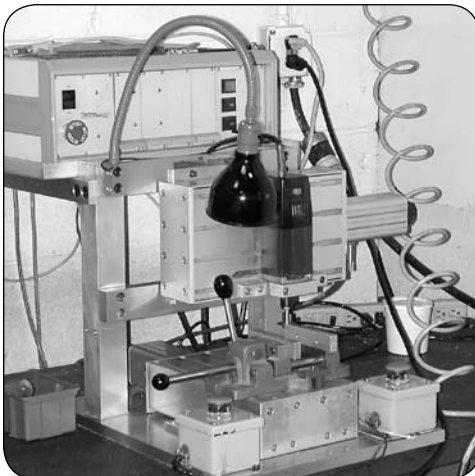
TYPICAL PRODUCTION APPLICATIONS FOR TECHNO POSITIONING SYSTEMS

CNC DRILLING & TAPPING



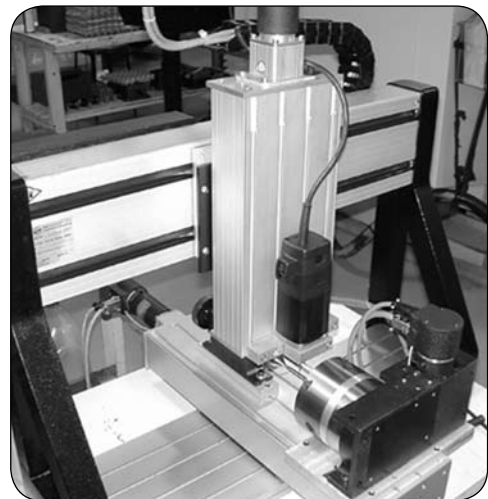
Techno Standard-Duty Slide, Rotary Table 1 and Multi-Axis Stepper Controller used to drill and tap set screw holes on plastic pulleys in a machine shop production application.

CNC SLITTING OPERATION



Two Standard-Duty Slides and Multi-Axis Controller used to slit a pulley hub.

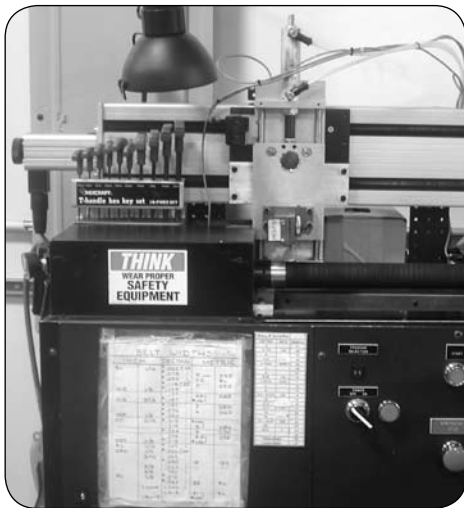
ROTARY ENGRAVING



Techno Bridge Mount Slide, Standard-Duty Slide, Rotary Table 1 and Multi-Axis Stepper Controller used to engrave serial numbers into cylindrical parts.

TYPICAL PRODUCTION APPLICATIONS FOR TECHNO POSITIONING SYSTEMS

INK JET PRINTING



Standard-Duty Slide and Single-Axis Controller used to print part numbers on the timing belts.

BELT SLICING



Standard-Duty Slide and Single-Axis Controller used to slice belts into stock widths.

CIRCUIT BOARD INSPECTION



Gantry III / FB2 Table used for offline inspection of circuit boards.

TYPICAL PRODUCTION APPLICATIONS FOR TECHNO POSITIONING SYSTEMS

PICK AND PLACE



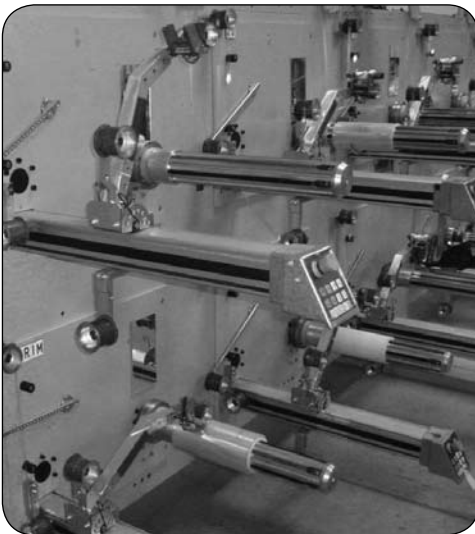
Standard-Duty Slide, Narrow Profile Slide 2, Voyager VB1 Belt Slide and MP Servo Controller. Pick and place of medical product on and off conveyor.

PICK AND PLACE



Gantry, Z-Axis for Gantry, LP Servo Controller used to place test tubes in and out of sample analyzer.

TRAVERSING OF WEB



Narrow Profile Slide 2 used to traverse web for wind / unwind application.

TEST STAND



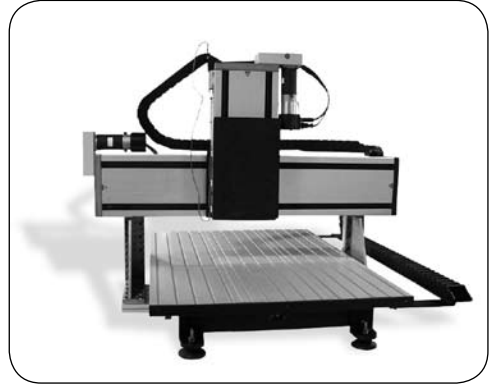
3-Axes open frame Belt Slide with HP Servo Electronics. Used to test obstacle avoidance for unmanned drones.

GANTRY SYSTEMS LC



Complete mechanical and control packages for large automation applications. Tables up to 5' x 10' travel. **Page 60**

GANTRY SYSTEMS LCT



Complete mechanical and control packages for desktop automation applications. Travel of 30" x 24". **Page 62**

GANTRY FB2, XY OR XYZ



Heavy-duty system with heavy cast sides and machined table surface. Ideal for inspection, fluid dispensing, drilling and test stands. Available with Z-axis strokes of 3", 6.8", 10.8", 18.7".

Page 64, 66

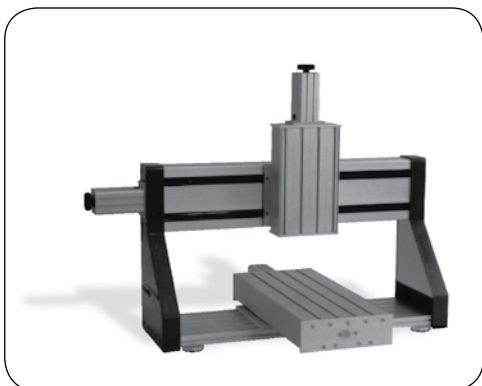
ICP SERIES MACHINES



Compact XYZ system. All electronics, motor drivers and power supply are contained in the machine. Controller is a 3-axis micro stepper. Cover has built-in safety interlock.

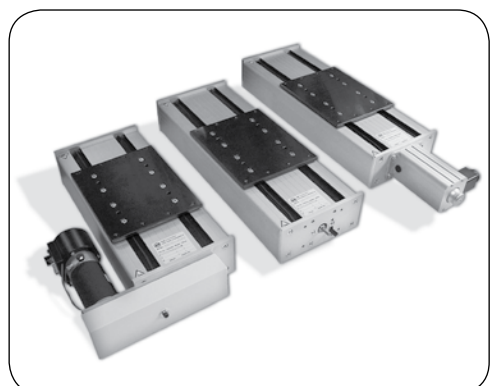
Page 68

BRIDGE MOUNTED SLIDE



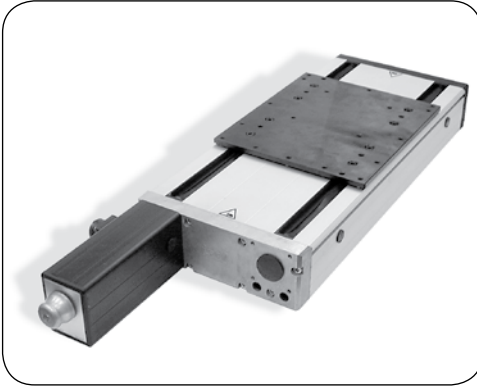
Can be configured as X, XY, XZ or XYZ with a selection of single-axis slides. Ideal for conveyor belt and production line systems. **Page 70**

STANDARD DUTY SLIDE



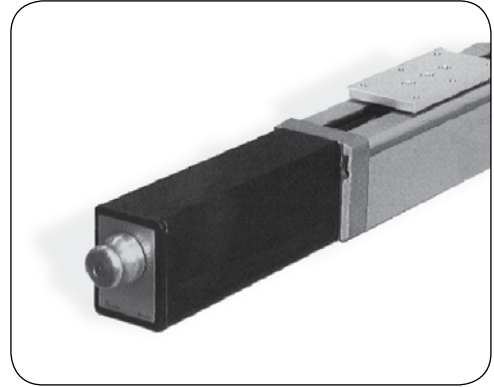
175 mm wide base for loads up to 250 lbs. Available in travel from 3" to 50".

Page 72

HEAVY-DUTY SLIDE 2

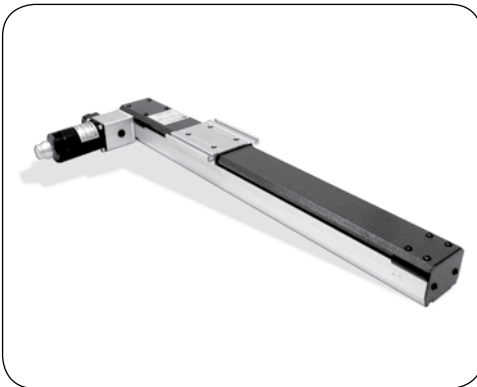
225 mm wide base for larger cantilevered load capacity. Available in strokes from 4" to 112".

Page 74

NARROW PROFILE SLIDE 2

These compact slides are ideal for moderate to heavy loads where space is a consideration. Available in strokes from 4" to 112".

Page 76

**BLUELINE 1
BELT DRIVE SLIDE**

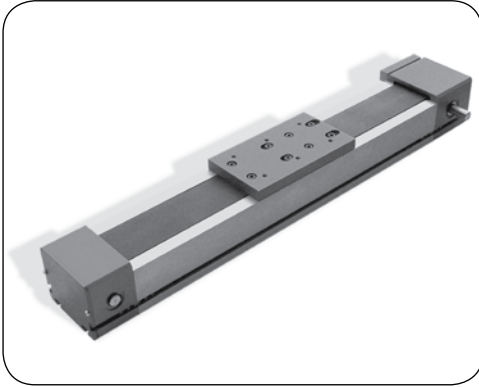
Belt drive slides for moderate load capacity with speeds up to 2.4 m/s. Protective aluminum housing around slide. Available in strokes up to 1.7 meters.

Page 78

ZF1 BELT DRIVE SLIDE

Belt drive slides for light load capacity with speeds up to 1.5 m/s. It has a small footprint and is economical. Available in strokes up to 2.8 meters.

Page 84

**VOYAGER SERIES VB1
BELT SLIDE**

Belt drive slides for heavy load capacity with speeds up to 5 m/s. Available in lengths up to 6 meters.

Page 88

ROTARY TABLE RF

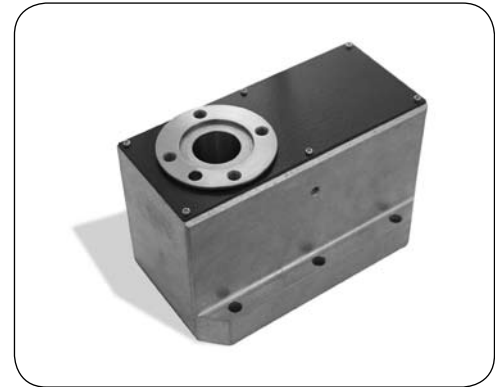
Moderate-precision, moderate-load capacity, loads up to 500 kg. Resolution down to 8 seconds. Table not sealed, not suitable for use with cutting fluids. Unit is compact with all parts below rotating surface. Example applications: Light machining, positioning and part indexing in automated assembly operations.

Page 90

ROTARY TABLE 5

Suitable for applications which require light-load capacity, low torque and low speeds. Loads up to 23 kg. Resolution down to 11 seconds. Example applications: Light machining and positioning.

Page 92

ROTARY TABLE ZR20

Compact and lightweight for loads up to 10 kg. Resolution down to 3 minutes when motor is half stepped. Example applications: Positioning and part indexing in automated assembly operations.

Page 94