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MOTION CONTROL SOLUTIONS

Linear Industries has engineered and manufactured standard & custom electronic & mechanical positioning systems for over 41 years for use in a wide variety of industries. We can assist you in the selection of the best possible solution for your unique requirements. We use our many years of experience with our vast knowledge on the latest technologies to help engineer the most cost effective system for you.

MACHINE AUTOMATION

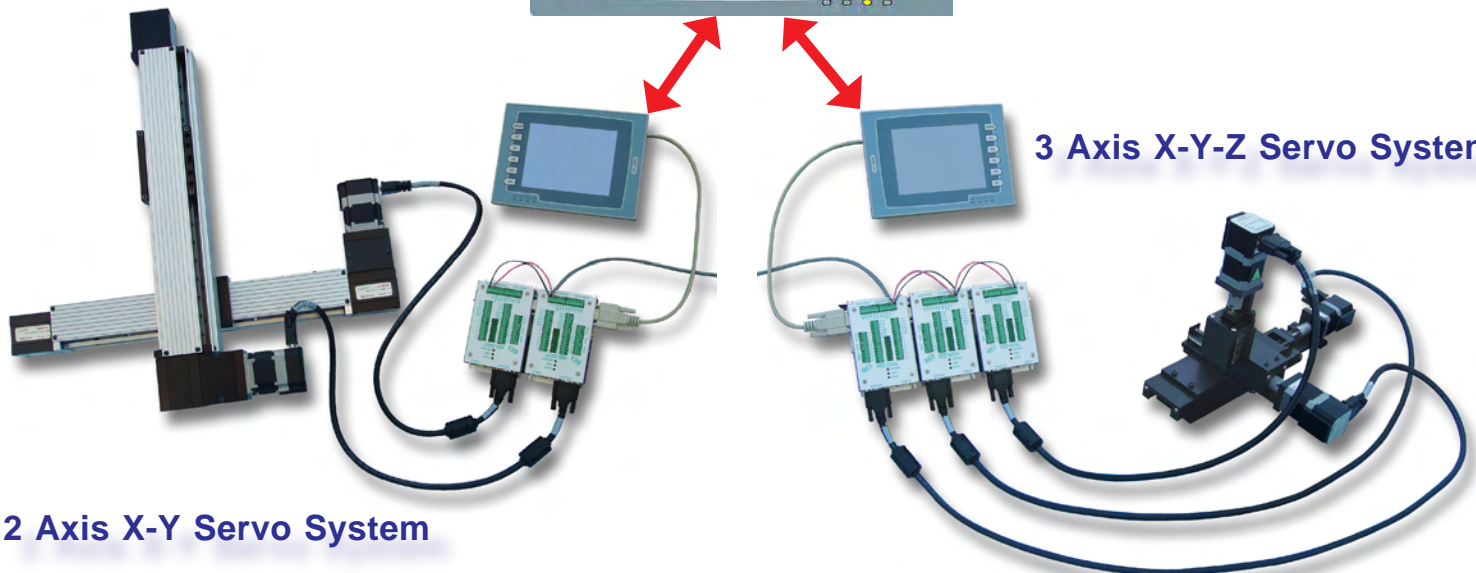
- * Electronic and/or Mechanical Systems
- * Engineering Assistance
- * Single or Multiple Axis Systems
- * Stepper or Servo Based Systems
- * PC, PLC, or Stand-Alone Systems
- * HMI or Push Button Interfaces
- * Custom Wired Control Cabinets
- * Custom Motor & Cabinet Connectors
- * Programming Assistance
- * Complete Programmed Systems
- * Troubleshooting Assistance



Cost Effective Solutions

- * Multi-Axis Control with Single Axis Servo Systems
- * Motor Power & Encoder Feedback in One Cable
- * Easy-to-Program User HMI Interface
- * NEMA 11, 17, 23 & 34 Motor Sizes
- * Numerous Multi-Axis Mechanical Systems
- * Belt or Screw Driven

3 Axis X-Y-Z Servo System



2 Axis X-Y Servo System

Electronic Products



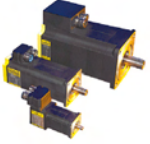
Anaheim Automation

Full, Half & Mini-Stepping Drives
Full, Half & Mini-Stepping Indexers
OEM & User Versions
High Torque Step Motors



Control Techniques / Emerson

Small to Large AC & DC Drives
Intelligent Brushless Servo Systems
Single Axis Systems
Multi-Axis Systems



Baldor

Brushless Servo Motors & Controls
Multi-Axis Positioning Controls
AC & DC Motors & Controls
Inverter & Vector Drives



G & L Motion - Danaher

PLC Motion Controller
Machine & Motion Control
Multi-Axis Position Controllers
Brushless Servo Motor Systems



Baumer Electric

Inductive & Capacitive Sensors
Photoelectric & Ultrasonic Sensors
Fiber Optic & My-Com Sensors
Incremental & Absolute Encoders



QuickSilver Controls

Intelligent Brushless Servo Systems
NEMA 17, 23, 34 Motors
Intelligent Based Position Control
CAN Open & Ethernet Interfaces



Bodine Electric

Fractional HP AC & DC Motors
Brushless Motors & Controls
AC & DC Motor Controls
Small AC Inverters

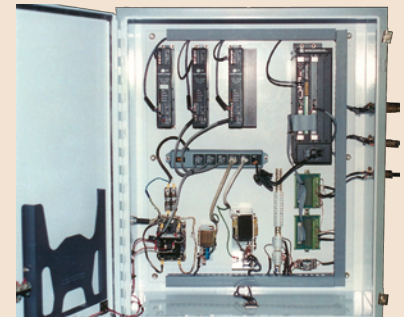
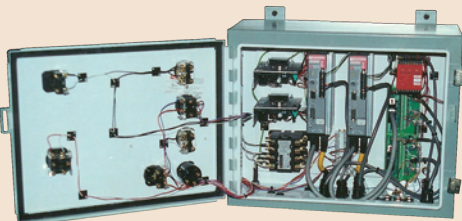


SMAC

Voice Coil Linear Actuators
High Accuracy Positioning Systems
Small Sizes & Travel Distances
Single and Multiple Axis

CUSTOM ELECTRONICS

Linear Industries has over 41 years experience in applying electronic Motion Control Systems. We can help you spec, wire, mount, program and trouble shoot your system. We listen to your unique requirements, and then apply our vast knowledge on motor control systems to help you select the most cost-effective solution for you.



- * Custom Control Cabinets
- * System Integration
- * System Wiring
- * Programming Assistance
- * Trouble Shooting

- * Custom Cable Assemblies
- * Custom Cable Connectors

Mechanical Products



Apex Dynamics USA

True Planetary Gearheads
Patented Input Bearing
5 Year Warranty
24 Hour Delivery



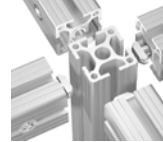
Lintech

Mechanical Positioning Components
Mechanical Positioning Systems
Standard Assemblies
Custom Assemblies



Bishop-Wisecarver

Guide Wheel Components
Guide Wheel Positioning Systems
Belt Driven Actuators
Custom Engineered Solutions



Maytec

Flexible Aluminum Framing
Machine Bases
Over 200 Different Profiles
Numerous Accessories



Deltron

Ball Slides
Cross Roller Slides
Mechanical Positioning Slides
Screw Driven Positioning Systems



R+W America

High Precision Bellow Couplings
Torque Limiter Couplings
Line Shaft Coupling System
Minature Couplings



E-Drive

Large Capacity Linear Actuators
High Precision Linear Actuators
Rugged Construction & Long Life
Custom Linear Actuators



Rollon

Linear Bearings and Rails
Easy Rail Slide System
Belt Driven Linear Actuators
Curved Rail Systems



Enerpac (Uni-Lift)

Uni-Lift Screw Jacks
Acme Screw Actuators
Ball Screw Actuators
Large Load Capacities



THK

Square Rail Linear Bearings
Ball Screws
Mechanical Positioning Systems
Ballsplines



Exlar

Roller Screw Linear Actuators
Planetary Roller Screw
Rotary Servo Motors
Electronic Products



Thomson - Danaher

Round & Square Rail Linear Bearings
Ball Screws & Actuators
Mechanical Positioning Systems
Planetary Gearheads



Hiwin

Square Rail Linear Bearings
Ball Screws
Ball Screw Actuators
Screw Driven Positioning Systems



Zimmer

Square Rail Linear Bearing Brakes
Round Rail Linear Bearing Brakes
Manual and Hydraulic Actuated
Pneumatic and Electrically Actuated



CUSTOM MECHANICS

Linear Industries has over 41 years experience in manufacturing mechanical linear positioning components. With 15 CNC machines, in-house induction annealing, numerous manual mills, lathes, and a highly skilled work force, Linear Industries can provide you with your custom mechanical linear motion component requirements.

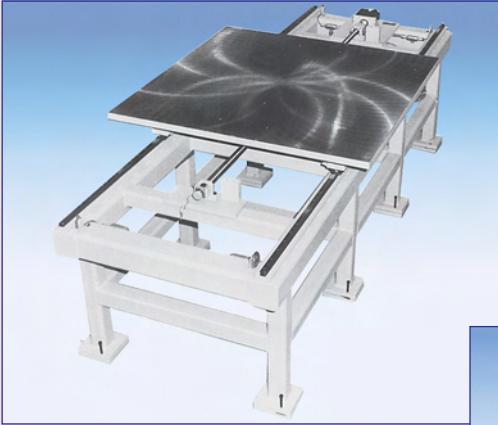


- * Cut-to-Length Shafting
- * Cut-To-Length Rails
- * Special Shaft End Machining

- * Cut-to-Length Screw Stock
- * Custom Screw End Machining
- * Custom Screw End Supports

CUSTOM MECHANICAL POSITIONING SYSTEMS

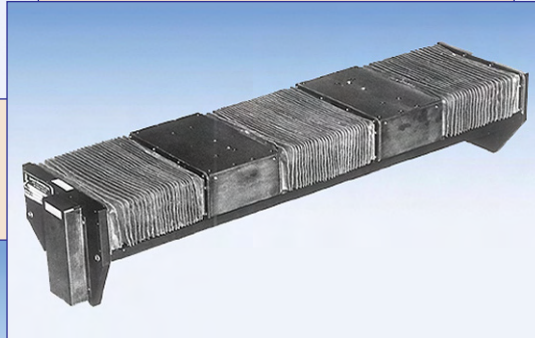
Steel Bases



Aluminum Bases



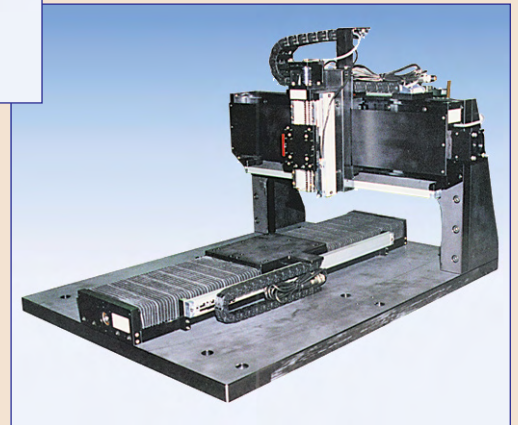
Sealed Systems



Granite Bases



Gantry Systems



CUSTOM MACHINING



Manufacturing a successful custom mechanical positioning system starts with having the correct information for the required system. Then Linear Industries uses its 41 years of experience, talented engineering staff, high quality materials, and its versatile machine shop to produce a finished product that performs to your requirements. Contact us to have your present, or next, custom system requirements reviewed by our expert staff.