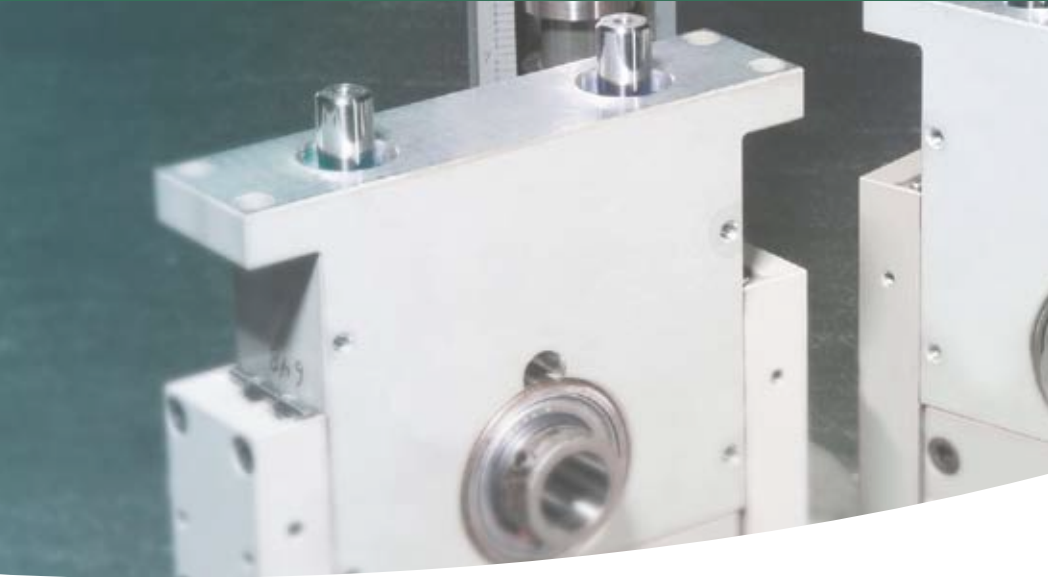


Precision Equipment Manufacturing



Custom Process Equipment and New Product Solutions

El's Precision Equipment Manufacturing team is your single-source solution for custom built products and process equipment. From the simplest to the most complex, from a rough description to detailed drawings, we will turn your equipment need into reality. Many years of experience in special process and product build along with precision fabrication have earned us a reputation as innovators and problem solvers capable of developing the tools and techniques necessary to help you succeed.

Precision Equipment Manufacturing has developed more than 1,400 products that are in use around the globe and our staff has particular expertise in manufacturing, automation, testing, inspection and handling equipment. We have specialists in thermal management, electronics packaging, robotics, optics, automation integration, motion control, process control, instrumentation and contamination control for clean room environments. So, if you are looking for anything from minor adaptations and materials handling modifications on commercial tools to full custom design and manufacture for one-of-a-kind equipment, we can deliver a creative solution that meets your needs.

Features

Our vertically integrated structure delivers exceptional program management and control and gets your product to market quickly

In-house capability to design, develop prototypes and models, completely build, debug and test your product and deliver a turnkey system

Experts at processing exotic materials, various form factors and using multiple technologies

Fully equipped, progressive tool room with highly skilled staff

On-site design services available for all projects

Best-in-class lab facilities located on site offer you sophisticated analysis and test capability

Precision Equipment Manufacturing Capabilities

Specifications

Equipment Build Services

Product/concept development for complete machine and component design
Concept review and verification
CAD/CAM, Auto CAD "Inventor", Master CAM, CATIA, Promise E
In-house electro/electronic, pneumatic, mechanical and software engineering
Machine level programming, PC and all major PLCs
Machine build, debug and test
Machine electrical system fabrication (panel build)
Robotics control integration
Operator interface programming
Motion control
Machine vision systems
Electromechanical device integration
Customer supplied device integration
Roll-to-roll web handling expertise
Precision material and parts handling
Lab facilities for laser measurement, shock and vibration, reliability, metallurgy, failure analysis and chemical composition
Complete documentation services

Machine Fabrication Services

Fully equipped, state-of-the-art tool room with highly skilled staff
Sheet metal technicians experienced in prototype/model parts, containment and technical cabinetry
Close tolerance tool steel and stainless steel tooling, gauging, fixturing and precision subassemblies
Non-ferrous, exotics, plastics and composite material machining
Sheet metal and fabrication prototype through short-run production, forming, punching, welding, finishing and more
Molding of prototype and medium-production plastic and elastomer components, electronic connectors, specialty fasteners, elastomer-to-plastic vulcanizing, model parts and engineering resins and rubbers
Full in-house CNC machining including milling, drilling, turning and punching
Wire EDM and fast hole burning services

For more detailed information about Precision Equipment Manufacturing, call us today at 866-820-4820. Our application engineers are ready to assist you with detailed information for successful design and build. You can also visit our website at www.endicottinterconnect.com.



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For more information, visit our website at www.endicottinterconnect.com