

*Beyond control knobs . . . Components and assemblies within your reach.*

EHC, with over 45 years of manufacturing experience, provides quality hardware components and value-added manufactured assemblies with a full range of services from initial design and development to final assembly and finishing.



Our engineers can custom tailor solutions for equipment as diverse as packaging machinery, medical equipment, gaming machines, exercise machines, lawncare equipment, and from office furniture to heavy industrial equipment, and even for aerospace applications.

*Let us handle your next project from concept to completion . . .*

### **Concept Development**

By consulting us at the concept phase of a project you'll see the greatest results. EHC combines years of experience in SMALL PARTS MANUFACTURING and the latest technologies needed to establish a program to meet your criteria from design to manufacturing to logistics. Our facilities employ the **LATEST** in manufacturing methods and state-of-the-art equipment to fulfill a wide range of your most demanding requirements.

At EHC we specialize in **value added secondary operations** offering you the greatest opportunity for savings on labor intensive applications.

**Painting/Marking/Decorative Options** Laser marking, engraving, pad printing, hot stamping, silk screening, spray painting, hand detailing.

*Look inside to see how you can get great parts – affordably and on time.*

### Light Assembly



### CNC Machining

### Metal Stamping



### Die Casting



### Finishing Options



### Injection Molding

## Injection Molding

EHC's plastic molding capability and capacity is virtually unlimited, with machines ranging from 50 to 300 tons. EHC has expertise in general-purpose resins, engineered thermoplastics, and engineered resins, and thermoset compression and injection molding. Tonnage requirements,



the resin selection, tool size, construction and design, as well as the characteristics of the injection molding process all considered in the evaluation of how to best meet your needs. EHC designs and builds solutions that you need to stay competitive in today's global marketplace.



## Compression Molding

Our more than 45 years of molding experience manufacturing commercial and industrial parts, and fulfilling military, as well as Aerospace contracts, enables us to expertly manufacture your parts in any Thermoset material available. Our high-volume, compression molding facilities offer a perfect solution for manufacturing complex parts both large and small. We can also accommodate advanced composite thermoplastic solutions for more specific needs. Contact our engineering department if your needs go beyond using standard materials such as polyester, phenolic, epoxy, melamine, urea, or diallyl phthalate.



## Thermoforming

Ideal for low-volume runs, our Thermoforming facilities can provide you with quick turn-around, and low start-up costs. Our services are geared toward consumer, industrial and even retail applications.



*Some of the best reasons to use EHC's thermoforming:*

- Extremely adaptive to customer design needs
- Rapid prototyping development
- Material and process is optimized for cost effectiveness
- High-speed production allows for just-in-time shipments
- Flexible tooling design offers a competitive advantage
- On-the-fly product enhancements with low additional costs
- Weight savings for consumer and manufacturer
- Wider design scope
- Lower tooling costs
- No anti-corrosion spray necessary
- Paintable and custom colored plastic availability



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Electronic Hardware Corporation  
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FAX: 631.752.1971  
WWW: ehcoem.com  
EMAIL: sales@ehcoem.com  
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**DIE CASTING:** Materials: Aluminum, Zinc, Special Alloys

**CNC MACHINING:** Materials: Brass, Aluminum, Steel & Stainless Steel  
Largest dimension: 960mm length x 600mm diameter (37 3/4" x 23 5/8")

**STAMPINGS:** Materials: Brass, Aluminum, Steel, Stainless Steel  
Largest Dimensions: 500mm x 500mm (19 1/2" x 19 1/2")

**INJECTION MOLDING:** All Thermoplastic materials Largest Size: 1,200mm x 1,200mm (47" x 47")  
Largest Shot Size: 5,000 grams Largest Press Tonnage: 1,000 ton

**COMPRESSION MOLDING:** All Thermoplastic materials Largest Size: 250mm x 250mm (9 3/4" x 9 3/4")  
Largest Shot Size: 500 grams Largest Press Tonnage: 300 ton

**SECONDARIES & LIGHT ASSEMBLY:** Painting/Marking/Decorative Options, Laser Marking, Pad Printing, Hot Stamping, Engraving, Silk Screening, Spray Painting

### Blow Molding

When strong, light-weight and less costly parts are required our Blow-molding capabilities are the solution with sizable competitive advantages in strength and price.



### CNC Machining

Computer Numerical Controlled Machining allows EHC to mass-produce items so that you can satisfy all of your customers' needs on time. Precise replication of complicated tooling sequences are computer directed guaranteeing consistency, rapid production flow, and competitive pricing. We also efficiently produce high-quality, close-tolerance parts in a variety of materials.

### Die Casting

EHC has the ability to cast a wide range of alloys including aluminum, zinc, and *OTHER special die-casting alloy's*. **Secondary Operations:** We provide CNC machining and full secondary operation with drilling, tapping, sanding, and related operations. Our castings are strong, high-quality, and cost-efficient.



### Metal Stamping

EHC's sheet metal stamping services focus on innovative industrial design, precise engineering, integrated tooling solutions, and cost-effective manufacturing. To provide that end-to-end service, we offer progressive die presses ranging from 20 to 800 tons to satisfy all your stamping needs. Our capabilities include automated bending centers, precision laser cutting and powder-coating EHC also uses conventional wet spray or pre-painted materials as well as batch processing, pad printing, and silk screening. In-die tapping and in-tool assembly capabilities are also available to help to reduce your costs and increase throughput.



### Light Assembly

EHC's light assembly service can help you cut costs in your supply and manufacturing chain and give you greater flexibility, reducing overhead caused by high levels of inventory. As you grow and change, we understand the need to concentrate on future business and new projects.

*Enjoy greater savings on all of your manufacturing  
with a company that specializes in your parts.*

[www.ehcoem.com](http://www.ehcoem.com)

*Check out our web site . . . www.ehcoem.com to . . .*

**Send us an rfq . . .**

**. . . even attach your drawing to the rfq through our web site.**

**See all of our products and capabilities.**



**EHC Provides a Complete Spectrum of Benefits:**

- Superior project management from conception to delivery. Proven, effective project management.
- Expert engineering advice & design consultation.
- Over 45 years of manufacturing experience.
- Wide range of materials.
- High-quality materials.
- Intensive quality control. ISO9001-2008 certified.
- Competitive pricing.
- Latest CAD technologies.
- Long and short runs.
- Versatile equipment.
- Exceptional automation & optimization of procedures.
- Cost-effective supply & manufacturing chain.
- Superior inventory management.
- **LOW COST TOOLING**

