

Let us help you design and produce a product that is
of the highest quality

We will assist you from start to finish

***CALL / FAX / EMAIL YOUR INQUIRY
FOR FAST QUOTE SERVICE***



Plastic Fabrication and Engineering

Services: Plastic Fabrication, Plastic Welding, Vacuum Forming,
CNC Routing and Machining, Engraving, Piping Systems, Machining

30 Council Rock Drive
Northampton Industrial Park • Ivyland, PA 18974
1-800-673-7887 • Phone (215) 322-4133 • Fax (215) 322-2173
www.tubro.com

Email
KEVIN GIFT: kgift@tubro.com
JIM THOMSON: jt@tubro.com



Plastic Fabrication and Engineering

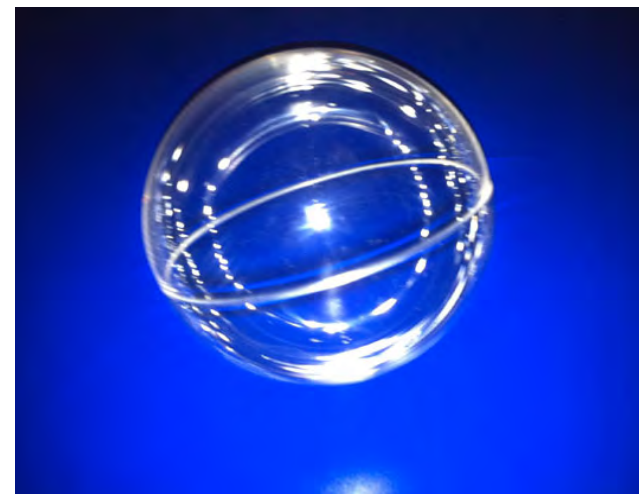


Hemispheres



The TuBro Company, Inc. has acquired the equipment and retained personnel of the world's finest dome and sphere manufacturer since 1972. The TuBro Company, Inc. is a full-service custom plastic fabricator that has been a leader in fabrication of custom display cubes and point of sale displays since 1972.

"The acquisition will fit seamlessly into our full-service custom plastic fabrication facility," states Kevin R. Gift Sr. CEO of the TuBro Company, Inc. "Our mission of providing high quality custom plastic products in a cost effective and timely manner will be enhanced with this acquisition."



Introduction

TuBro is a full-service manufacturer of plastic parts since 1972. We provide every service needed to create high-quality plastic products in the most efficient, cost effective manner.

In our business, quality is measured in the products appearance, its durability, and its ability to fulfill your requirements. From our innovative engineering to our expert fabrication and welding, we take special measures to ensure consistent, high-quality results.

TuBro specializes in unusual and challenging design concepts. We determine the most economical approaches to manufacturing while maintaining consistent quality and reliability. Our diverse capabilities and skilled staff help meet these goals.

- Plastic Fabrication
- CNC Manufacturing
- Vacuum Forming
- Welding
- Cementing
- Machining
- Prototypes
- Short Runs
- Production Runs

We'd like to apply our experience to the development of your custom products. Take a look at our capabilities, and then contact TuBro to discuss your needs.

Service - One of our most distinguishing characteristics is the importance we place on excellent service. We look at every job as an opportunity to establish a long-term association. To maintain our customer's loyalty, we provide fast, efficient service. We quote most jobs the same day as requested. We develop fabrication techniques that keep costs down while ensuring high quality, and ***we deliver according to your schedule.***

Engineering - Our skilled engineers can help improve your company's image and performance with custom fabrications and assemblies. We can help turn your designs into attractive, marketable finished products.

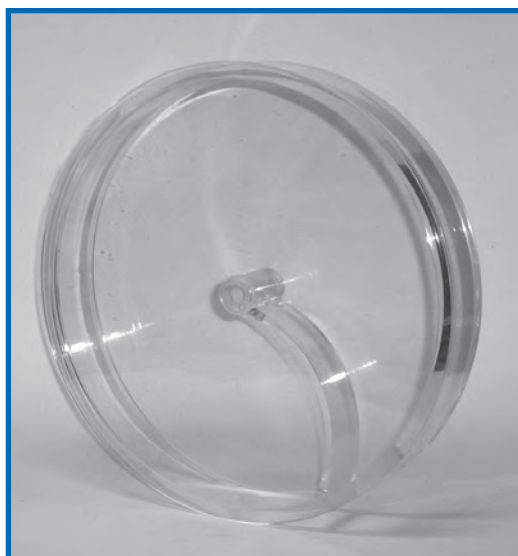
If it has to do with custom fabrication of attractive, functional plastic products, TuBro is your source.



Fabrication



Welding and Assembly



TuBro provides expert plastic welding services for structural strength and resistance to chemicals. Filler materials used in all welding processes conform to base material for reliable integrity. Our background in this complex technology results in higher quality products for you.

We are able to meet the varying requirements of our customers through flexible manufacturing and design capabilities. Every job is engineered to ensure top performance. This approach lets us meet your unusual needs at a reasonable cost. Our engineers welcome your most challenging configurations. We'll help you develop the right design for your application.

- Corrosion-resistant tanks
- Chemical-resistant work stations
- Thermoplastic structural parts
- Piping systems
- Specialty weldments
- Custom assemblies

We have experience with a wide range of chemically resistant materials, including, but not limited to, the following:

- Polyvinyl chloride (PVC)
- Polypropylene
- Polyethylene
- PVC
- CPVC
- PVDF
- Halar®
- Kydex®
- UHMW
- HDPE
- LDPE



We can meet all of your requirements for bracing plates, weldments, tanks, hoods, valves, pipe fittings, and other attachments.

Prior to shipment, each weldment is completely inspected - not on a random/sampling basis, but individually. This ensures that every welded assembly that leaves our shop is ready for dependable performance in your facility.

Computer Numerical Control



Fabrication

TuBro can machine your most complex designs with reliable precision using advanced Computer Numerical Control (CNC) equipment. Our Computer Integration Manufacturing (CIM) program provides 100% accurate repeatability for consistent product quality.

Through digitized entry and engineering, we can develop your designs to maximize manufacturing efficiency.

Increases uniformity • Improves quality • Simplifies engineering • Reduces lead time

Computerized design capabilities also enable us to receive your engineering input through CAD software. Designs can then be developed prior to production or altered midstream, if necessary.

Through the speed and precision of our CIM program, we are able to fine-tune each design prior to production and then produce your product with reliable quality.



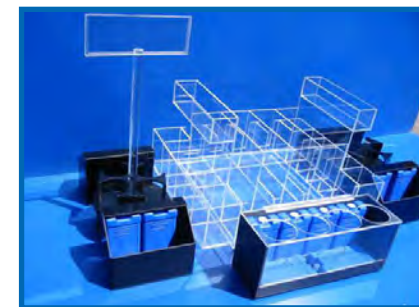
Custom designed to meet any production requirement, TuBro parts and assemblies are manufactured for strength, appearance, and outstanding performance.

Our complete machining capabilities include turning, milling, drilling, sawing, and routing.

Mechanical fastening, solvent cementing, polymerizable cementing and hot gas welding are used to ensure that assembled pieces have the strongest integrity. Finishing and polishing techniques ensure that your product will look its best.

Our custom assembly procedures and setups combined with flexible production capabilities allow us to incorporate design changes in mid-stream, often without sacrificing delivery.

TuBro can help you increase resale appeal, improve profitability, provide better efficiency, and increase component life with a wide variety of products including cabinets, display enclosures, machine guards, dust covers, advertising specialties, tanks, piping systems, fume hoods, instrument cases, museum displays and point-of-purchase displays.



We are experienced in working with a wide variety of materials including, but not limited to:

- ACRYLIC
- PVC
- CPVC
- POLYPROPYLENE
- PVDF
- HALAR®
- KYDEX®
- DELRIN®
- LEXAN®
- ABS
- SINTRA®
- CELTEC®
- NYLON
- TEFLON®
- SANOLITE®
- PETG
- STYRENE
- UHMW
- HDPE
- LDPE
- ACETAL
- LASER VIEWING ACRYLIC
- STATIC DISSIPATIVE PVC
- STATIC DISSIPATIVE ACRYLIC
- STATIC DISSIPATIVE POLYCARBONATE
- FLAME RETARDANT POLYPROPYLENE
- HYZOD-FDA-POLYCARBONATE

Cubes and Vitrines



Vacuum/Thermoforming

Acrylic Display Cubes and Vitrines

We manufacture both museum quality vitrines and solvent cement cubes. The museum quality vitrines are produced with Weld-On 40® polymerizable cement. This assures a virtually bubble free clear joint. Solvent cubes are edge finished on all edges to get the best joint possible.

We are able to produce standard as well as custom cubes quickly and efficiently. Requests for quotation are usually returned within one day.



We are highly experienced in all types of thermoforming and vacuum forming in a wide variety of materials.

We provide cost effective production runs with standard materials such as ABS, Kydex®, PVC and others.

We produce prototypes and one-of-a-kind pieces efficiently and affordably. Our specially developed production methods allow us to service your most complex prototype requirements.

We have developed our vacuum forming process for simple adaptability and change over from one product to another. So whether you need a short run piece or a volume run, we'll work with you to meet your demanding schedule.

Acrylic thermoforming is a specialty at TuBro. Our vast experience with acrylics means a high quality, optically clean product for you.

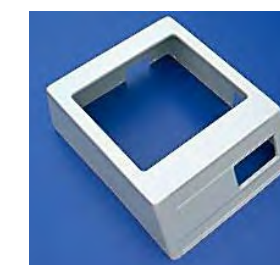
Highly refined techniques are required for thermoforming of materials such as polypropylene and high-density polyethylene. With these and a long list of standard materials, TuBro can produce your parts with the confidence of years of experience.

- ABS
- Acrylic
- Kydex®
- Polyethylene
- Polypropylene
- PVC

Short runs

• **Volume runs**

• **Prototypes**



Capabilities



Partial List of Equipment

AAA™ Vacuum Former-3'x5'x 2' depth of draw with temperature control

Jet™ lathe

Wagner™ welding guns

2-Motionmaster™ CNC routers-4'x8' tables

Dayton™ buffers

Baldor™ stationary buffers

Polishers

Edgefinish™ power fed polisher

Bridgeport™ milling machine

Porter-Cable™ routers

Power Feed routers

Hendricksaw™ panel saw

Powermatic™ band saws

Jet™ drill presses

Strip heaters

Brake press

Powermatic™ jointer



Let us help you design and produce the best product for your application

