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.

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

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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.

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.
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.
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 midstream, 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
- TEFION®
- SANOLITE®
- PETG
- UHMW
- HDPE
- LDPE
- ACETAL
- LASER VIEWING ACRYLIC
- STATIC DISSIPATIVE PVC
- STATIC DISSIPATIVE ACRYLIC
- STATIC DISSIPATIVE POLYCARBONATE
- FLAME RETARDANT POLYPROPYLENE
- HYZOD-FDA-POLYCARBONATE
Vacuum/Thermoforming

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

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.

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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