

Boston Fabrication & Conversion Services

Polymershapes Boston maintains a state-of-the-art ITAR & AS9100D certified facility with over 80,000 sq. ft., and highly skilled fabrication and customer service employees ready to serve your needs.

Plastic & Phenolic Sheet, Rod & Tube Fabrication

CNC TURNING & MILLING

Turning & Milling plastics and thermosets

- **Milled** parts, including 4 axis, up to 16" x 30"
- **Turning** up to 3.00" diameter through the spindle and chucking up to 13.5" in diameter

DUAL HEAD 3 AXIS CNC ROUTER

Route profiles and shapes

- Router with 96" X 288" (8 ft. x 24 ft.) table
- Material Thickness - up to 6.00"
- Eye cutting capability - route preprinted media
- Knife cutting capability - cut foam media

CNC PANEL SAW

Cut plastic sheet to custom size

- Material Thickness - .030" - up to 6.00"
- Max Sheet Size up to 168" x 168" (14 ft. x 14 ft.)

HORIZONTAL BAND SAW

Cut large diameter rods to length

- Max diameter 10"

POLISHING & FINISHING

Polish cut-to-size or routed materials

- Flame Polishing and Diamond Edge Finishing a variety of shapes and sizes

COORDINATE MEASURING MACHINE (CMM)

Measures the surface area of three-dimensional objects

- Pin-point accurate measurements for production

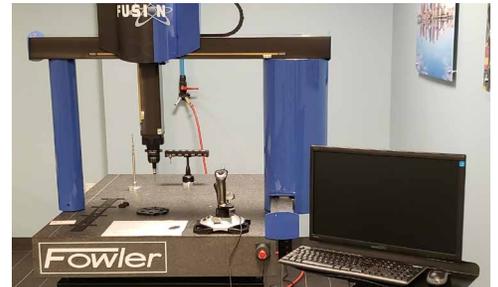


Plastic Material Solutions & More

- ABS
- Acetal
- Acrylic – Cast & Extruded
- Acrylic/PVC
- Aluminum Composite Material
- Aluminum Sheet & Coil
- APET
- Banner
- CPVC
- Expanded Foam PVC
- Fabric / Textiles
- Foam Board
- Hardcoated Film
- HDPE
- HDU Board
- LDPE
- Magnetics
- Nylon
- Paper – Photo & Synthetic
- Paper Board
- PEEK
- PEI
- PETG
- Polycarbonate
- Polyester
- Polyimide
- Polypropylene
- Polyurethane
- PP Twinwall (Corrugated)
- PPS & PPSU
- PTFE
- PVC
- PVC – Rigid & Flexible
- RPET
- Styrene - HIPS
- Synthetic Paper
- Thermosets: Glass Epoxy & Phenolic
- UHMW
- Vinyl Film

QUALITY: ITAR and AS9100D certified

- Shop floor control software
- In-house testing capabilities include: CMM, laser micrometers, roundness testing, vision inspection & optical comparators
- All parts manufactured by Polymershapes undergo the following*:
 - 1st piece inspection
 - In-process inspection
 - Final inspection



WE DELIVER!

- 26' box trucks with lift gates
- Typical delivery radius of 100 miles
- Next day service on most stock items



Contact us for quotes & availability: polymershapes.com

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 **Polymershapes**

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