

Custom Plastic Fabrication and Sourcing



A reliable partner for machined and fabricated parts

Experienced professionals, delivering quality parts

For over 70 years, Curbell Plastics has been providing fabrication and conversion services to our customers nationwide. We understand the importance of providing responsive service and superior quality. From precision cutting to complex assembly, we partner with the best fabrication specialists to provide high quality, consistent parts and components.

Material selection, expert advice

If you're trying to choose a specific material, our plastics professionals will be happy to talk with you about your needs and suggest the best options for your application. Our highly knowledgeable people use their expertise to help customers overcome challenges and take advantage of opportunities.

What makes us different

As a plastics distributor we can often eliminate some costs of using separate material and fabrication sources. These cost savings include multiple PO's, material mark-ups and extra freight bills.

CAPABILITIES:

- CNC routing (multiple axis)
- CNC milling (multiple axis)
- CNC turning (multiple axis)
- Thermoforming
- Vacuum forming
- Heat and line bending
- Precision cutting
- Die cutting
- Polishing
- Molding
- Assembly
- Prototypes
- Low or high volumes
- Replacement parts
- Close tolerances
- Large and small part footprint

SERVICES:

- ISO 9001:2008 certification
- Quick quote turnaround
- Lot and batch traceability
- Large inventory selection
- Custom packaging and labeling
- Inspection reports
- Barcoding
- Material certifications
- Consignment programs
- Technical assistance
- Design assistance

Put us to work for you!™



Fabrication Manufacturing Methods



CNC Router
3-4-5 Axis



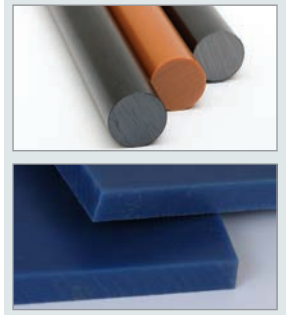
CNC Milling
3-4-5 Axis



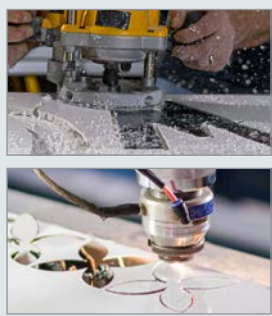
CNC Turning
3-4-5 Axis,
Lathe, Screw Machine,
Sheaves and Gears



Forming
Thermo, Vacuum, Pressure,
Draped, Heat Bent,
Line Bent, Cold Formed



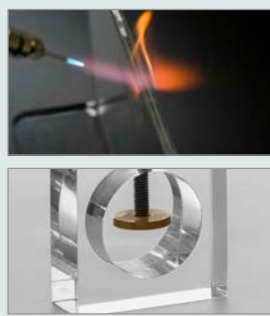
Saw Cutting
CNC Saw, Manual Saw,
Band Saw (Vertical
and Horizontal)



Special Cutting
Water Jet, Laser Jet,
Hand Router



Die Cutting
Flat, Embossed, Finished



Polishing
Edges, Parts,
Buff, Flame,
Laser, Vapor



Molding
Injection, Compression,
Extrusion, Rotational



Assembly
Glue, Weld, Fasten,
Heat Stake / Kitting

Common Materials

- ABS
- Acetal
- Acrylic
- CELTEC®
- Coroplast®
- CPVC
- Delrin®
- Dibond®
- DuPont™ Vespel® Polyimide Shapes
- ESD materials
- ETFE
- Expanded PVC
- FEP
- Flexible tubing
- FM4910 materials
- Fome-Cor®

- Food grade materials
- FR-4
- Gatorfoam®
- Gatorplast®
- G-10
- GPO - 1, 2, and 3
- Halar® (ECTFE)
- HDPE (high density polyethylene)
- HDU board
- HYDEX® 4101 (PBT)
- KYDEX® thermoplastic sheet
- Kynar® (PVDF)
- LDPE (low density polyethylene)
- Makrolon®
- Medical grade materials
- Metal detectable materials
- Mirror
- Noryl®

- NYLOIL®
- Nylon
- Nylon MD
- PBT
- PEEK
- PET
- PETG
- PFA
- Phenolic
- Plastic lumber
- Polyamide-imide
- Polycarbonate
- Polyethylene
- Polypropylene
- Polystone®
- Polystyrene
- Polysulfone
- PPS (polyphenylene sulfide)

- PTFE
- PVC
- PVDF
- RADEL® R
- Rigid foams
- Sintra®
- Styrene
- Thermoset laminates
- Twin wall polycarbonate sheet
- UHMW-PE
- Ultem® (PEI)
- Urethane
- Vinyl
- VIVAK® PETG
- X-ray detectable materials



www.curbellplastics.com
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Our material partners:



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