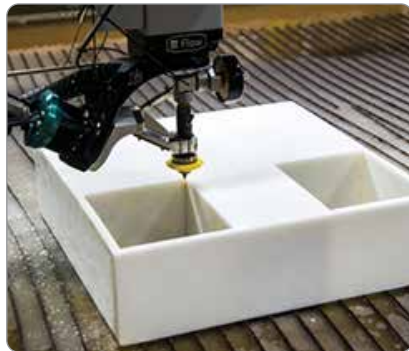




# Plastics Processing

## Equipment and Capabilities Overview

Your Source for Performance Plastics



[alroplastics.com](http://alroplastics.com)



# Alro Plastics



# Alro Plastics Processing Services



## Panel Saw Cutting

- CNC production cutting panel saws
- Able to cut sheets/slabs up to 8" thick
- Large 14 foot wide opening for cutting
- Extremely fast, efficient and reliable
- Standard cut tolerance: +1/16" / -0"



## Band Saw Cutting

- Production cutting, programmable saws
- Able to cut rounds up to 18" diameter
- Can cut the majority of plastics in stock
- Minimum 1/2" long pieces, 20 foot max
- Standard cut tolerance: +1/4" / -0"



## 5-Axis Waterjet Cutting

- CNC programmable machine
- 5-Axis for bevels and 3D cutting
- Able to cut sheets/slabs up to 10" thick
- Large 78" x 157" table surface
- Standard cut tolerance: +/- .015"



## CNC Routing

- Multiple CNC production routers
- Able to cut sheets/slabs up to 4" thick
- Huge 120" x 144" maximum part size
- Extremely fast, efficient and reliable
- Machine tolerance: +/- .015"



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# Alro Plastics Processing Services



## Milling & Machining

- 4-Axis vertical machining center
- Ideal for prototypes and complex parts
- 20 tool magazine, auto tool changer
- 32" x 64" table, 20" travel on Z axis
- Machine tolerance: +/- .015"



## Drilling & Tapping

- Drilling, tapping and Helicoil insertion
- Reaming, deburring, and chamfering
- Articulating arm for easy use
- Standard and metric Helicoil offerings



## Plastic Welding

- Plastic modified extrusion welding
- Hot gas manual welding
- 1/8" up to 3/4" thick materials
- Wide range of weld-friendly plastics
- All welding done in house



## Bending & Gluing

- Heat bending & cold forming capabilities
- CNC machined edges for ideal bonding
- Work done in house, reliable lead times
- Over 30+ years of industry experience
- ISO certified company



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# Alro Plastics

Sheet • Plate • Rod • Tube • Profiles • Machined Parts



## Product Line

All tradenames listed below are the property of their respective owners.

ABS	Films	Nyla-Glide GR™	PVC	Techtron® PPS
Acetal Copolymer	Foamlite®	Nylatron®	PVC Foam Sheet	TIVAR® 1000
Acetron® GP	Fluorosint®	Nyloil®	PVDF	TIVAR® 88
Acrylic	G10 / FR-4	Nylon	Radel®	Tooling Board
Boltaron®	GPO-3	Optix®	Reprocessed UHMW	Torlon® PAI
Cast Nylon	HDPE	Palight®	Rubber	TUFFAK®
Chemgrate®	Hydex® 202/301	Palsun®	SafPlate®	UHMW-PE
Clear PVC	Hydex® 4101/4101L	PBT	SafRail™	Ultem®
Composolite®	Hydlar®	PEEK	Sanalite®	Urethane
Corrugated	Industrial Laminates	PET	Semitron®	VHMW-PE
CPVC	Ketron® PEEK	PETG	Sustarin® C	Vivak®
Cutting Board	King ColorCore®	Phenolic	Tecaform®	Zelux®
Delrin®	King Hy-Pact®	Plexiglas®	Tecasint™	
Densetec®	King StarBoard®	Polycarbonate		
Detectables	KomaALU®	Polyethylene		
DuraDek®	KomaTEX®	Polypropylene		
DuraGrate®	Kynar® PVDF	Polystone®		
DuraGrid®	LDPE	Polystyrene		
DuraTread®	Life Science Grades	Polysulfone		
Duratron®	LubX® C / CV	PPS		
Ertalyte®	MC® 901/MC® 907	Profiles		
Extren®	Medical Grades	Propylux®		
Extrusions	Micarta®	Proteus® LF PP		
Fiberglass Grating	Noryl® PPO	PTFE / TFE		



## Suppliers



## Locations

### DETROIT

1750 E. Heights Drive  
Madison Heights, MI 48071  
Ph: (800) 877-2576

### EVANSVILLE

1414 Baker Avenue  
Evansville, IN 47710  
Ph: (812) 424-5554

### GRAND RAPIDS

4670 60th SE  
Grand Rapids, MI 49512  
Ph: (616) 656-2820

### JACKSON

2218 Enterprise  
Jackson, MI 49204  
Ph: (517) 787-5500

### CHICAGO

279 Madsen Drive  
Suite #102  
Bloomington, IL 60108  
Ph: (888) 877-2576

### CLEARWATER

12171 62nd Street  
Suite #150  
Largo, FL 33773  
Ph: (727) 573-1480

### LOUISVILLE

5500 Shepherdsville Rd  
Suite #300  
Louisville, KY 40228  
Ph: (502) 968-9980

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