



# Alro Plastics

Sheet • Rod • Tube • Film • Profiles • Machined Parts

## 5-Axis Waterjet Cutting

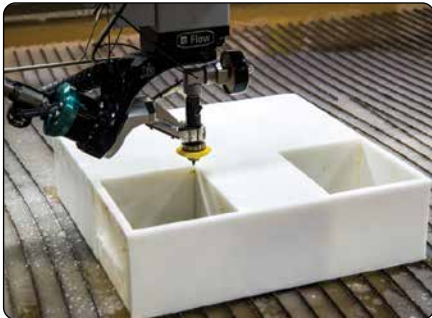
Alro Plastics also offers 5-Axis Waterjet Cutting. This machine uses a high-pressure jet of water and an abrasive substance to cut through plastic sheets and slabs. The Waterjet is capable of cutting intricate parts to print that are not possible on other machining equipment. It is ideal for cutting hard plastics like glass-filled plastics and fiberglass grating.



### Waterjet Highlights:

- Sheet/Slab cutting up to 10" thick
- 5-Axis capabilities, bevels and 3D cutting
- Maximum part size 78" wide x 157" long
- Ideal for glass-filled and fiberglass cutting
- Cuts rubber, urethane, neoprene and foam
- ISO certified company

See it in action now >>> YouTube



**Thick Slab Cutting**  
Cuts plastic sheet/slab up to 10" thick



**5-Axis Technology**  
Bevels and 3D cutting made easy



**Hardest Plastics**  
Cuts glass-filled and fiberglass products



Shapes	Thickness	Width	Length	Tolerance
Sheets and Slabs only	1/16" to 10"	1/2" to 78"	1/2" to 157"	+/- .020" (standard) <i>*Alternate tolerances available by request</i>

*\* This chart is for reference only, please call for specifics. Tolerance listed is a standard and may vary by material. Note: Maximum and minimum thickness will vary based on material selected, generally speaking the harder the material the thinner we can Waterjet cut.*



# Airo Plastics

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Since 1987

## PRODUCTS

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

ABS  
Acetal Copolymer  
Acetron® GP  
Acrylic  
Boltaron®  
Cast Nylon  
Chemgrate®  
Clear PVC  
Composolite®  
Corrugated  
CPVC  
Cutting Board  
Delrin®  
Densetec®  
Detectables  
DuraDek®  
DuraGrate®  
DuraGrid®  
DuraTread®  
Duratron®  
Ertalyte®  
Extren®  
Extrusions  
Fiberglass Grating  
Films

Foamlite®  
Fluorosint®  
G10 / FR-4  
GPO-3  
HDPE  
Hydex® 202/301  
Hydex® 4101/4101L  
Hydlar®  
Industrial Laminates  
Ketron® PEEK  
King ColorCore®  
King Hy-Pact®  
King StarBoard®  
KomaALU®  
KomaTEX®  
Kynar® PVDF  
LDPE  
Life Science Grades  
LubX® C / CV  
MC® 901/MC® 907  
Medical Grades  
Micarta®  
Noryl® PPO  
Nyla-Glide GR™  
Nylatron®

Nyloil®  
Nylon  
Optix®  
Palight®  
Palsun®  
PBT  
PEEK  
PET  
PETG  
Phenolic  
Plexiglas®  
Polycarbonate  
Polyethylene  
Polypropylene  
Polystone®  
Polystyrene  
Polysulfone  
PPS  
Precision Board Plus  
Profiles  
Propylux®  
Proteus® LF PP  
PTFE / TFE  
PVC  
PVC Foam Sheet

PVDF  
Radel®  
Reprocessed UHMW  
Rubber  
SafPlate®  
SafRail™  
Sanalite®  
Semitron®  
Sustarin® C  
Tecaform®  
Tecasint™  
Techtron® PPS

TIVAR® 1000  
TIVAR® 88  
Tooling Board  
Torlon® PAI  
Tuffak®  
UHMW-PE  
Ultem®  
Urethane  
VHMW-PE  
Vivak®  
Zelux®



## PROCESSING



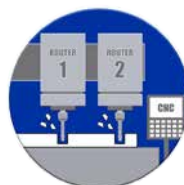
**Panel Saw Cutting**  
Sheets up to 8" thick



**Band Saw Cutting**  
Rounds up to 18" dia.



**Waterjet**  
Sheets up to 10" thick



**Routing**  
Sheets up to 4" thick



**Milling**  
Pieces up to 6" thick



**Welding**  
Hot Gas & Extrusion

## LOCATIONS

### DETROIT

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

### GRAND RAPIDS

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

### JACKSON

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

### LOUISVILLE

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

### CHICAGO

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

### CLEARWATER

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



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