



Alro Plastics

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

Plastics Processing

Equipment and Capabilities Overview





Plastics Processing



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"



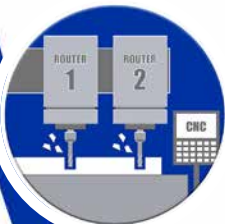
Band Saw Cutting

- 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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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



Visit our YouTube page

- Watch our quick Processing videos
- Virtual tours of our facilities
- Learn about Alro!





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Since 1987

PRODUCTS

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

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



SUPPLIERS



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



Alro Plastics - Jackson, Michigan