

# CNC Overhead Routers



## Multi-head, Overhead Routers with Automatic Tool Changers

Alro Plastics offers complete to print services on our CNC twin table routers. These routers can machine plastic flat stock up to 4" thick and parts as large as 120" x 144". The twin tables can be locked together for large parts or split in half to increase production on smaller parts. With multiple router heads and automatic tool changers holding up to 32 tools there is very little downtime.

These machines are geared towards machining most standard plastics with the exception of fiberglass, urethane, rubber and some glass-filled products. Please inquire about a specific plastic product if you have questions.



Pictured, twin table CNC router with dual heads and automatic tool changers

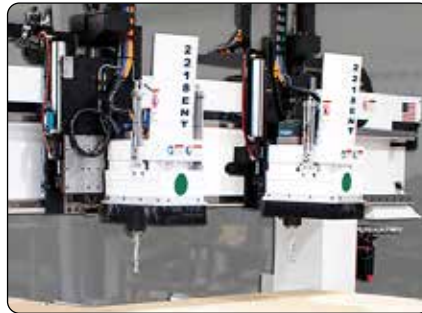
### Routing Highlights:

- Machine flat stock up to 4" thick
- Large 120" x 144" part size capacity
- Twin tables, load one while other runs
- Multi headed, dual and quad routers
- Automatic tool changers
- ISO certified company



#### Twin Work Tables

No downtime, run one and load the other



#### Dual Router Heads

Two heads to machine two parts at once



#### Automatic Tool Changers

Up to 32 preloaded tools accessible quickly

	Shapes	Thickness	Width	Length	Tolerance
	<b>Sheets, flat stock only</b> (vacuum tables)	1/16" to 4"	1" to 120"	1" to 144"	<b>+/- .015"</b> (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.



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America's Premier Metals & Plastics Service Center



# Alro Plastics

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## PRODUCTS

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ABS  
Acetal Copolymer  
Acetron® GP  
Acrylic  
Boltaron®  
Cast Nylon  
Clear PVC  
Composolite®  
Corrugated  
CPVC  
Cutting Board  
Delrin®  
Densetec®  
Detectables  
DuraDek®  
DuraGrate®  
DuraGrid®  
Duratron®  
Ertalyte®  
Extren®  
Extrusions  
EZ-Pro/Durawood  
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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®  
Kynar® PVDF  
LDPE  
Life Science Grades  
LubX® C / CV  
MC® 901/MC® 907  
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Micarta®  
Noryl® PPO  
Nyla-Glide GR™  
Nylatron®  
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Optix®  
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Polypropylene  
Polystone®  
Polystyrene  
Polysulfone  
PPS  
Precision Board Plus  
Profiles  
Propylux®  
Proteus® LF PP  
PTFE / TFE  
PVC  
PVC Foam Sheet  
PVDF

Radel®  
Repro UHMW  
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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 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

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



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