

TRIDENT



**AXYZ**  
TAILORED ROUTER SOLUTIONS

Designed to Process the Widest Range of Materials

TRIDENT



## Automated Production

The Trident optimizes high volume productivity with the combination of a 4-position tangential knife tool changer and the standard router automatic tool changer. Both options will ensure your machine runs continuously with minimal operator input.



### TANGENTIAL KNIFE CARTRIDGES

A variety of knife tools can broaden the range of materials that can be processed. Options include a creasing wheel, 45° blade, saber blade, box cutter, or a pizza wheel blade.

# TRIDENT

Industrial Performance. Compact Footprint.

Produce dimensional signage one day, acrylic letters the next morning, and print-to-cut graphics that afternoon—all on the same machine

## One Machine. A Variety of Materials

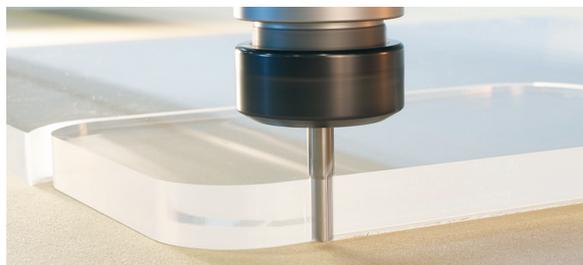
The Trident is both a heavy-duty router and a fast knife cutting machine. This combination allows the Trident to process the widest possible range of materials, from foam to aluminum.



HDU



ACM



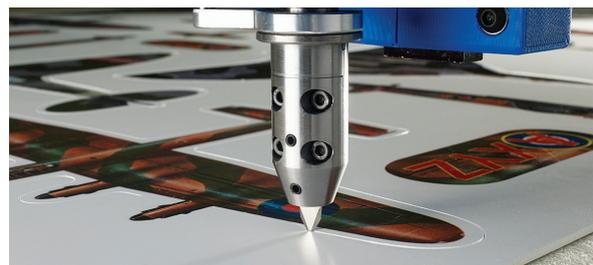
ACRYLIC



ALUMINUM



FOAM



PRINT-TO-CUT

# Accessories

With more than 25 years of expertise, XYZ has developed the most diverse option set in the industry. Through ongoing research and development, we have created an extensive set of options that adds incredible value for our customers.



Router Spindle



Tangential Knife



Oscillating Knife

## CUTTING SYSTEMS

- Oscillating Knife
- Tangential Knife
- Heavy Duty Knife
- Vinyl Knife
- Drills
- Engraver

## AUTOMATION

- Automatic Tool Changer
- Auto Zone Management
- Tool Length Sensor
- XYZ Vision System (AVS)
- Quick Release Spindle
- Pop-up Location Pins

## PERIPHERALS

- Aluminum Vacuum Deck
- Pressure Foot
- Vacuum Pumps
- Regenerative Blowers
- Chip Collection
- Unist Mister & Cold Guns
- Automatic Vacuum Zones

## CONSTRUCTION

- Rigid Steel Frame
- High Torque Servo Motors
- Helical Racks
- Planetary Gearbox
- Welded Carriage
- Extended Gantry

# A2MC Controller

The Trident is equipped with the XYZ A2MC motion controller. Used by thousands of operators world-wide, the A2MC is cost-effective, easy to use, and works with virtually any CAD/CAM software.



A2MC Controller



XYZ SmartController

# Popular Models

Available in 4 standard sizes, from 60" to 85" in width and lengths from 98" to 120". For processing longer sheets, customize the length from 4ft. to over 50ft.

Specification	Trident 4008	Trident 4010	Trident 5010	Trident 6010
Cutting Envelope Length	98" (2.5 m)	120" (3.0 m)	120" (3.0 m)	120" (3.0 m)
Cutting Envelope Width	60" (1.5 m)	60" (1.5 m)	72" (1.8 m)	85" (2.1 m)
Gantry Clearance	6" (152mm)	6" (152mm)	6" (152mm)	6" (152mm)