

INNOVATOR



Full Scale Capability for Innovative Professionals

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Automate Operation

The Innovator comes available with an enclosed optional 3 position tool changer, exclusive to AXYZ. This saves valuable time by keeping your machine running continuously without the need for operator input. The automated cover protects the toolholders from getting contaminated, reducing maintenance and downtime.



Choose Basic Spindles or Knife Blades

The new Innovator is equipped to cut both flexible and semi-rigid materials easily. Options include a choice of 5HP Collet or Quick-release Spindles for high speed routing or a variety of knife blades for precision cutting.

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The all new XYZ Innovator builds on the legacy of XYZ CNC router machines manufactured to process the widest range of materials. The perfect router for fabricators who need to deliver great finishes using high quality components, at a cost-effective price.

Popular industries include:

Educational Institutions
new curriculum option
for basic CNC training

Sign & Graphics Shops
easy processing of
2D/3D signs in woods,
metals, and plastics

Woodworking Shops
fabricate all types
of wood for furniture,
shopfitting, scenery
production and more

Prototyping Shops
takes the guesswork
out of projects with
simple prototyping
jobs power and speed

Capable of Cutting the Strongest Materials

The Innovator can cut more than just wood.

Fabricate parts out of aluminum material or use the Innovator to cut HDPE.



Options

The Innovator comes standard with option ready installation packages so you can grow your machine along with your business! Call an XYZ Technical Specialist today at 1.800.361.3408 to see what's available and optimize your CNC capacities.



Tool Changer



Dust Collection

CUTTING SYSTEMS

- Collet Spindle
- Quick Release Spindle
- Oscillating Knife
- Tangential Knife

AUTOMATION

- Automatic Tool Changer
- Tool Length Sensor
- XYZ Vision System (AVS)
- Quick Release Spindle

PERIPHERALS

- Vacuum Pumps
- Regenerative Blowers
- Chip Collection
- Unist Mister & Cold Guns

A2MC Controller

The Innovator is equipped with the XYZ proprietary A2MC controller, used by thousands of operators all over the world. It's cost effective, easy-to-use and works with the CAM program of choice.



A2MC Controller



XYZ SmartController



Industry Standard Software

Compatible with most trusted software applications in the industry, all XYZ machines come equipped with the tools you need to hit the ground running. Popular software applications include: VCarve PRO, Aspire, and SAI enROUTE.

Model	Innovator 4x4	Innovator 5x10
Cutting Envelope Length	49" (1244mm)	120" (3048mm)
Cutting Envelope Width	53" (1346mm)	60" (1524mm)
Gantry Clearance	6" (152mm)	6" (152mm)
Drive System Type (X & Y Axis)	Helical Rack & Pinion, Integrated Servo Motors	
Drive System Type (Z - Axis)	Ballscrew, Integrated Servo Motors	
X, Y Axis Traverse Speed (Per Minute)	1000" (25.4m)	
Z Axis Traverse Speed (Per Minute)	100" (2.54m)	
Vacuum Table Type	Aluminum T-Slot	
Number of Vacuum Zones	4 Zones	
Air Requirements	100 PSI	
Power Requirements	208-230V 3 Phase / 440-460V 3 Phase (Single Phase Optional)	



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