



WXYZ

CNC Router Systems

4000/5000/6000/8000 Series



ROUTING - ENGRAVING - 3D CARVING - PRINT TO CUT - KNIFE CUTTING - MOULD MAKING - PROFILING



AXYZ

The AXYZ brand offers the most diverse range of CNC Routers in the industry. With more than 20 years of experience and thousands of CNC Routers installed and operating every day, AXYZ prides itself on manufacturing and selling robust, durable, and easy to use CNC Routers.

4000 Series

The AXYZ 4000 Series CNC Router is the smallest full size machine AXYZ builds. With a maximum process width of 1524mm, the 4000 Series fits many materials with ease. The 4000 Series machine is popular in the commercial sign, woodworking, marine, POP, and education industries for its fit with many common materials, and overall footprint.

5000 Series

The AXYZ 5000 Series CNC Router is our most popular size format. Processing materials up to 1842mm wide, the 5000 Series can accommodate full sheets of most common substrates. AXYZ 5000 Series machines are commonly found in businesses that specialise in plastic fabrication, aluminium composite fabrication, signmaking, woodworking, solid surface fabrication, POP fabrication and more and are often configured with multiple spindles.

6000 Series

The AXYZ 6000 Series CNC Router delivers the largest processing width for this style of machine on the market. The 6000 Series offers a full 2159mm of processing width standard to ensure your materials will fit without cutting them down. AXYZ 6000 Series machines are commonly found in signmaking, solid surface fabrication, aluminium fabrication, plastics fabrication, marine fabrication, woodworking and more. 6000 series machines are often built with automatic vacuum zone switching to enable continuous operation on multiple sheets of material.

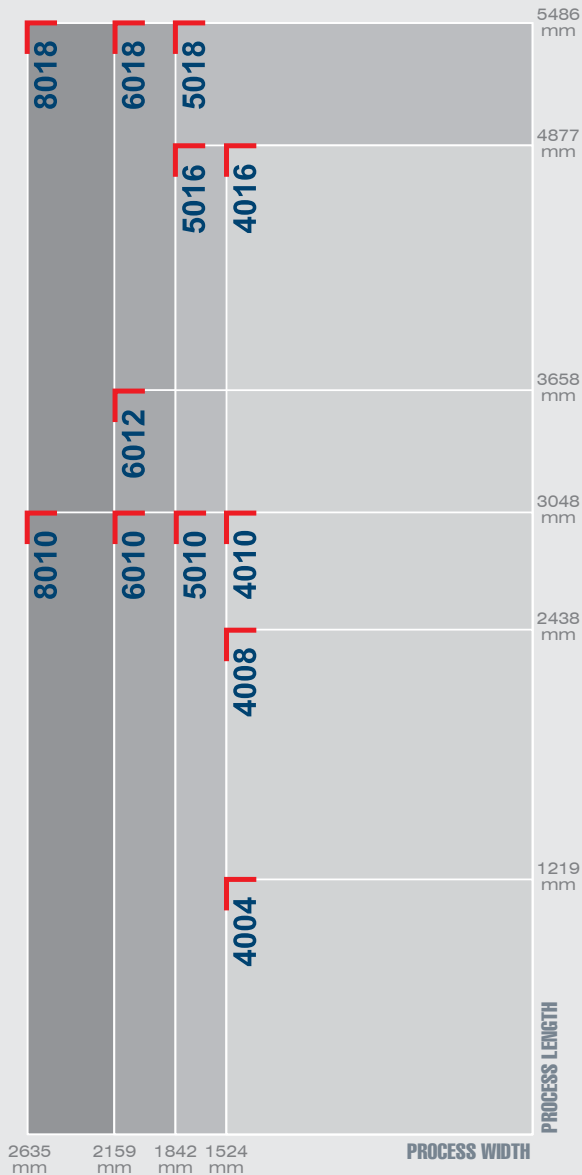
8000 Series

The AXYZ 8000 Series has the largest standard width of our smaller format machines with an impressive 2635mm process width. Built to handle an oversized 8 foot wide sheet, the machine bed size will enable your business to manufacture large signs and machine large shapes without additional processing off the machine. Companies working with large sheet goods including sign makers, aluminium fabricators, boat builders and plastics fabricators have all benefitted from the large size and robust design of the AXYZ 8000 Series CNC Router.



High Quality Extended Versatility Workhorse System

XYZ has the capacity to build the Series CNC Routers in a wide variety of machine sizes, tooling configurations and hold down options. For a better visualisation, see the sample chart below for some of the sizes we commonly deliver to our customers.



All XYZ Series tables have the following standard and available options:

- Next generation XYZ A2MC control system for smooth reliable operation and easy connection to network for program transfer.
- User friendly, hand held machine subconsole provides ease of operation.
- Standard connectivity to NC files from virtually any CAM software package including XYZ PANELBuilder, EnRoute, ArtCam, Type 3, Mastercam, ProfileLab and more.
- 250 mm ball screw Z axis stroke with a standard 150 mm clearance.
- Rack and pinion drive system for X and Y axes.
- High torque / high speed motors and drives on all three axes.
- High tolerance THK bearings on X, Y, and Z axes.
- Process lengths configurable in 600mm increments
- Standard aluminium universal hold down bed combines T-Slot clamping with vacuum hold down distribution system.
- All vacuum hold down beds come configured with a minimum of 5 independently controlled zones for optimum hold down management.
- Many different tooling configurations available, including multiple spindles as well as HSD 5 and 10.8 HP quick release spindles. All spindles with 24000 RPM capability.
- Additional tooling options include drills, tangential and drag knives and plasma arc cutters.
- Efficiency options include automatic vacuum zone switching for pendulum processing, hardened steel pop up location pins, XYZ AVS vision registration system, Unist mister for non ferrous metal cutting.



XYZ A2MC Controller

The A2MC is XYZ International's next generation machine control system and is fitted as standard on all Series machines. With 8Gb internal memory, there is plenty of room for programs which run fast and smoothly on S-Curve trajectories. The A2MC connects to your local network for instant program download.

High Performance Vacuum Bed

All Series machines include a high performance zoned vacuum bed, which allows areas of the surface to be opened or closed to vacuum hold down as needed. Zone gasketing ensures the virtual elimination of any zone to zone vacuum bleed. The multipurpose bed system is also fully functional as a t-slot clamping and fixturing bed for non-vacuum hold down situations.

XYZ Smart Console

The new XYZ Smart Console brings unprecedented ease of use, context sensitive menus, realtime display of machine status and many more timesaving, useability and productivity features. It provides a graphical preview and current status of a running job and allows program feeds and speeds to be changed without pausing the program.

**Contact AXYZ today for more information and
a machine quotation based on your specific needs**



Albrighton Business Park, Newport Road,
Albrighton, Wolverhampton, England WV7 3ET
Tel: +44 190 237 5600 Fax: +44 190 237 5662
Email: sales@axyz.co.uk Web: www.axyz.co.uk

AXYZ International – UK

Wolverhampton

Albrighton Business Park
Newport Road, Albrighton
Wolverhampton, England WV7 3ET
Phone: +44 190 237 5600
Fax: +44 190 237 5662

Nottingham

Unit i5a Cowllairs
Nottingham, England NG5 9RA
Phone: +44 115 975 8100
Fax: +44 115 979 4600

AXYZ International – Canada

Burlington (headquarters)

5330 South Service Road
Burlington, ON L7L 5L1
Phone: +1 905 634 4940
Fax: +1 905 634 4966

Montreal

1305 boul. Dagenais Ouest,
Laval, QC H7L 5Z9
Phone: +1 450 624 9898
Fax: +1 450 624 9685

Calgary

401 - 4615 - 112 Avenue SE
Calgary, AB T2C 5C5
Phone: +1 403 236 4464
Fax: +1 403 279 4206

AXYZ International – USA

Cincinnati

2844 East Kemper Road
Cincinnati, OH 45241
Phone: +1 513 771 7444
Fax: +1 513 326 5283

Atlanta

1800 MacLeod Drive, Suite N
Lawrenceville, GA 30043
Phone: +1 678 381 2300
Fax: +1 678 381 2304

Los Angeles

22775-B Savi Ranch Parkway
Yorba Linda, CA 92887
Phone: +1 714 974 6200
Fax: +1 714 974 6277

AXYZ International reserves the right to make design changes without prior notice

AXYZ International – Poland

Katowice

ul. Oswobodzenia 1
40-403 Katowice, Poland
Phone: +48 32 259 75 50
Fax: +48 58 58 58 119

AXYZ International – India

Bangalore

Ground Floor, "RUKMINI PLAZA"
No.1047, 20th Main, 5th Block, Rajajinagar
(West of Cord Road)
Bangalore, India 560 010
Phone: +91 80 2314 6628
Fax: +91 80 2314 6662

AXYZ International – Export Sales

Export Sales

Albrighton Business Park
Newport Road, Albrighton
Wolverhampton, England WV7 3ET
Phone: +44 190 237 6382
Fax: +44 190 237 5662