

XYZ 4000 Series

The XYZ 4000 Series CNC Router is one of the most popular sizes for CNC Routers. The 4000 Series offers a processing width of 1524mm and processing lengths starting at 1220mm and increasing in increments of 610mm. Like all XYZ Series machines, the 4000 Series is capable of handling the widest range of tooling and application options in the industry.

Well suited for a wide range of industry applications, the 4000 Series presents the opportunity to easily process materials in excess of 4' wide, and virtually any length you may work with. The Standard 150mm gantry clearance and 250mm ball screw Z stroke allows for thicker substrates to easily be loaded and unloaded from the working area.

The convenient operator console provides the machine level interaction with the XYZ A2MC Advanced Control system. The A2MC is the heart of the XYZ control network, providing high speed data processing capability, and motion control that is second to none.

The 4000 Series of CNC Routers from XYZ International are commonly found in Signmaking, Woodworking, Plastic Fabrication, and Metal Fabrication industries. Business owners and production managers appreciate the relative cost / value relationship in the 4000 Series machine, along with the nominal floor space required to install and run these high quality machines.



Standard Processing Width	1524mm
Standard Processing Length	1220mm
Optional Additional Length	610mm Increments
Standard Gantry Clearance / Z stroke	150mm / 250mm
Optional Gantry Clearance	200mm, 250mm, 300mm
Drive System	X, Y – Rack and Pinion, Z – Ballscrew
Maximum Positioning Speed	25m/min
Control System	7 Segment motion profile FPGA processor for high speed complex calculations Dedicated true NC control – G and M codes Ethernet connection 2 Gb onboard memory
Available options	Collet Spindles Automatic Toolchangers Drilling options Multiple Routing heads Multiple Carriages ICS Vision Registration system (I-Cut) Pneumatic Material Location Pins
Power requirements	208-230 V 3 Phase / 440-460 V 3 Phase